

CITATIONS

OF THE PUBLICATIONS OF

Acad. KAMEN KOUMANOV

(till 01.07.2017)

1. Infante R., Polonovski J., Donon O., Koumanov K.

Activite phospholipasique du plasma postheparine de rat.
C.R. Acad. Sc. Paris, 1967, 264, 2412-2413.

1. Etienne J. and Gruber A. - Bull. Soc. Chim. biol., 1967, 49, 1751-1759.
2. Hurwic M. – Scand. J. Haematol. 1969, 6, 327-331
3. Van Den Berg, Jacobus Willem Otto - "*On the acylation of lysolecithins by erythrocyte membranes*". 1969.

2. Infante R., Koumanov K., Polonovski J.

Specificite de position de la phospholipase postheparine de rat.
Biochim. Biophys. Acta, 1968, 164, 436-438.

1. Vogel W.C. and Bierman E.L. - Lipids, 1970, 5, 385-391.
2. Slotboom A.J., G.H. de Haas, P.P.M. Bensen, G.J. Burbach-Westerhuis, L.L.M. van Deenen - Chem. Phys. Lipids, 1970, 4, 15-25.
3. Castillon M.P. - Insect. Biochem., 1971, 1, 309-314
4. Van den Bosch H., van Golde L.M.G., van Deenen L.L.M. - Ergeb. Physiol., 1972, 66, 13-145
5. Osmond D.H., Ross G.L., Holub B.J. - Can. J. Biochem., 1973, 51, 855-862.

In Books

1. Brockerhoff and Jensen R.G. - In: Lipolytic Enzymes, Academic Press, 1974, p.245.
2. Brockerhoff, Hans - in: *Lipolytic enzymes*. Elsevier, 2012.

3. Koumanov K., Infante R., Polonovski J., Donon O.

Etude comparative des phospholipases postheparines du plasma de rat et d'homme.
Bull. Soc. Chim. Biol., 1968, 50, 1425-1430.

1. Etienne J., Paysant M., Gruber A. - Bull. Soc. Chim. Biol., 1969, 51, 709-716.
2. Hambrey P.N., Tizard I.R., Mellors A. - Tropenmed. Parasitol.. 1980, 31, 439-443.

4. Koumanov K.

Etude comparative de l'activite phospholipasique du plasma sanguin de differents animaux.
C.R. Acad. Sci. Agr. Bulg., 1970, 3, 401-404.

1. Miwa M. Kubota I, Ichihashi T, Motojima H, Matsumoto M. - J. Biochem., 1984, 96, 761-773.

5. Infante R., Koumanov K., Caroli J.

Tetracycline-induced fatty liver. Biochemical mechanisms.

GUT, 1971, 12, 765.

1. Freneaux E, Labbe G, Letteron P – Hepatology 1988, 8, 1056-1062.

In Books

1. Schenker S., Breen K.J., Heimberg M.- In: Drugs and the liver, F.K. Schattauer Verlag, Stuttgart-New York, pp. 269-280, 1975.

6. Counis R., Koumanov K., Raulin J., Infante R.

Interpretation du role antilipolytique de la tetracycline. Inhibition de l'adenylate cyclase in vitro.

Eur. J. Biochem., 1973, 37, 244-247

1. Desonsa R.C. - Schw. Med. Wo., 1974, 104.1045-
2. Breen K.J. Schenker S, Heimberg M. - Gastroenterol., 1975, 69, 714-723.
3. Chaibi A. Clement-Champougny J. - Arch. Int. Physiol. 1975, 83, 535-552.
4. Madison K.C. and Fain J.N. - Arch. Int. Phar., 1975, 214, 224- 231.
5. Petit D. - Biochim. Biophys. Acta, 1976, 431, 481-493.
6. Kather H., Simon B. - Med. Klin. R., 1976, 71, 739-744.
7. Eldenshary E.E. - Diabete Met., 1977, 3, 3- 12.
8. Kather H., Simon-Crisan G, Vogt B, Simon B. - Hormone Metab. 1977, 9, 300-304.
9. Shaddad S., Wasfi IA, Maglad MA, Adam SE. - Comp. Biochem., 1985, 80, 375-380.
10. Shaddad S., Wasfi IA, Yassein OE, Ali AE, Maglad MA, Adam SE - Comp. Biochem., 1985, 81, 223-226
11. Tsankov N, Kazandjieva J, Drenovska K - Clin. Dermatol. 1998, 16, 333-351.
12. Tsankov N.; Angelova I.; Kazandjieva J. – Amer. J. Clin. Dermatol. 2000, 1, 159-165.
13. Tsankov N, Broshtilova V, Kazandjieva J – Clin. Dermatol. 2003, 21, 33-39.
14. Tsankov N., V. Broshtilova, J. Kazandjieva - Disease-a-Month 2004, 50, 332-344.
15. Kim, G.K., del Rosso, J.Q. – J. Clin. Aesthetic Dermatol. 2010, 3, 32-38.
16. Basavaraj K. H., N.M.Ashok, R. Rashmi, T. K. Praveen – Int. J. Dermatol. 2010, 49, 1351–1361.
17. Singh K.K., S. Tripathy - J. Appl. Pharm. Sci. 2014, 4, 114-121.

In Books

1. Weiss B.K., R. Fertel – “Pharmacological Control of the Synthesis and Metabolism of Cyclic Nucleotides” 189-266, in: “Advances in Parmacology and Chemotherapy”, vol. 4, Academic Pres Inc. (London) LTD, 1977 00924R, 1977, 14, 189-192.

7. Georgiev G., Koumanov K., Hadjiivanova N., Mateeva R., Mindova I., Doncheva J., Neitcheva T.

Effect of oxygen on lipid composition and triacylglycerollipase- activity in the lung tissue.

C.R. Acad. bulg. Sci., 1975, 28, 1689-1691.

In Books

1. Ilinow P. – in: "Tankoslojna chromatografia", Izd. Nauka i izkustwo, Sofia, 1988.

In Theses

1. Prevost M.C. – “Modifivations du surfactant pulmonaire dans diverses conditions physiopathologiques” These, Ed, INSERM, Toulouse, 1980.

8. Georgiev G., Koumanov K., Hadjiivanova N., Mateeva R., Mindova I., Doncheva J., Neicheva T., Dimitrov G., Todorov B.
Oxygen influence on phospholipids and their fatty acid composition in lung tissue.
C.R. Acad. bulg. Sci., 1975, 28, 1693-1695.

In Books

1. Ilinow P. – in: "Tankoslojna chromatografia", Izd. Nauka i izkustwo, Sofia, 1988.

In Theses

1. Prevost M.C. – “Modifivations du surfactant pulmonaire dans diverses conditions physiopathologiques” These, Ed, INSERM, Toulouse, 1980.

9. Georgiev G., Dimitrov G., Koumanov K., Neicheva T.
Positional distribution of fatty acids in rabbit lung phospholipids and triacylglycerols and effect of prolonged hyperoxy.
Biochim. Biophys. Acta, 1976, 450, 1-7.

1. Kehrer J.P., Autor A.P. - Lipids, 1977, 12, 596-603.
2. Foliguet B. Prevost MC, Douste-Blazy L. - Bull. eur. Physiopath. resp., 1978, 14, 447-473.
3. Rooney S.A. - Env. Healt Persp., 1984, 55, 205-226.
4. Dethloff L.A., Gilmore LB, Hook GE. - J. Chromatog., 1986, 382, 79-87.
5. Szabó, A., Fébel, H., Sugár, L., Romvári, R. – J.Food Lipids 2007, 14, 62-77.

In Theses

1. Prevost M.C. – “Modifivations du surfactant pulmonaire dans diverses conditions physiopathologiques” These, Ed, INSERM, Toulouse, 1980.

10. Georgiev G., Dimitrov G., Koumanov K., Neicheva T.
Effet de l'hyperoxie prolongee sur les lipides pulmonaires et leur composition en acides gras chez le lapin.
Bull. eur. Physiopath. resp., 1976, 12, 727-734.

In Books

1. Berezowskij W.A., Goncharow W. -in: "Powerhnostno-aktiwnie wechtestwa legkogo, Izd. Naukowa dumka, Kiew, 1982.

In Theses

1. Prevost M.C. – “Modifivations du surfactant pulmonaire dans diverses conditions physiopathologiques” These, Ed, INSERM, Toulouse, 1980.

11. Mindova I., Koumanov K.

Effet de l'hyperoxie sur l'activite des triacylglycerol-lipases pulmonaires de rat.
Bull. eur. Physiopath. resp., 1977, 13, 611-618.

1. Lejmen W. - Clin. Resp. Physiol., 1980, M16, P254.

In Theses

1. Prevost M.C. – “Modifications du surfactant pulmonaire dans diverses conditions physiopathologiques” These, Ed, INSERM, Toulouse, 1980.

In Catalogues

1. Brenda - Entry of triacylglycerol lipase (EC-Number 3.1.1.3); PubMedID 198050

12. Hadjiivanova N., Koumanov K., Dimitrov G., Georgiev G.

Insulin effect on the biosynthesis of lung phospholipids and their fatty acid composition.
Bull. eur. Physiopath. resp., 1978, 14, 719-728.

1. CUNNINGHAM, M.D. - Clinical Obstetrics & Gynecology 1981, 24, 73-89.

2. Sosenko J.R.S. - J. Appl. Physiol., 1983, 54, 1097-1105.

3. Tanswell A.K., Joneja MG, Vreeken E, Lindsay J. - Exp. Lung Res., 1983, 5, 49-60.

4. Goldszmit D. - Arch. Fr. Ped., 1984, 41, 131- 138.

In Books

1. Berezowski W., Gorchakow W. - in: "Powernostno-aktiwnie vechtestwa legkogo", izd. Naukowa dumka, Kiew, 1982.

2. Ilinow P. – in: "Tankoslojna chromatografia", Izd. Nauka i izkustwo, Sofia, 1988.

13. Koumanov K., Neicheva T., Boyanov A., Georgiev G.

Proteines-echangeuses de phospholipides dans le surfactant alveolaire du rat.
Bull. eur. Physiopath. resp., 1978, 14, 375-381.

1. Relier J.B. - Bull.eur. Physiopath. resp., 1978, 14, 367-373.

2. Quero J.H. - Morf. Norm., 1984, B4, 587-592.

3. Lumb R.H., Benson BJ, Clements JA - Biochim. Biophys. Acta, 1988, 935, 549 –552.

4. Lumb R.H. - Am. J. Physiol., 1989, 257, L190-L194.

5. Wright J.R. - Am. J. Physiol., 1990, 259, L1-L12.

In Books

1. Wirtz K.W.A. - In: Lipid-protein interaction, Vol.1, (Ed. P.C. Jost and O.H. Griffith), John Wiley and Sons- New York-Chichester-Brisbane-Toronto-Singapore, pp. 152-221, 1983.

2. Bourbon J.R. – in: Pulmonary Surfactant, Ed. J.R. Bourbon, 1991, 143-184.

In Theses

1. Post M. - In: Pulmonary surfactant synthesis in the alveolar type II epithelial cell from rat lung, Ed. Krips Repro Mappel, Utrecht, These, 1982.

2. Lalchev Z. - – in: “Свободни течни филми от природни смеси на липиди и протеини”, These, Sofia, 1984.

14. Hadjiivanova N., Koumanov K., Georgiev G.
Insulin and adrenaline effect on lung triacylglycerol metabolism.
C.R. Acad. bulg. Sci., 1979, 32, 1137-1140.

1. Emilsson A, Gudbjarnason S. - *Biochim. Biophys. Acta*, 1983, 750, 1-6.

15. Hadjiivanova N.B., Koumanov K., Neicheva T., Dimitrov G., Georgiev G.
The role of adrenaline in lung phospholipid biosynthesis.
C.R. Acad. bulg. Sci., 1979, 32, 993-996.

1. Emilsson A., S. Gudbjarnason - *Biochimica et Biophysica Acta (BBA) - Lipids and Lipid Metabolism*, 1983,750, 1-6.
2. Jorand JP, Bounias M, Chauvin R. - *Hormone and Metabolic Research* 1989, 21, 553-557.

In Books

1. Berezowskij W.A., Goncharow W. - in: "Powerhnostho-aktiwnie wechtestwa legkogo",
Izd. Naukowa dumka, Kiew, 1982.

16. Dolapchiev L.B., Vassileva R.A., Koumanov K.S.
Venom exonuclease. II. Amino acid composition and carbohydrate, metal ion and lipid content in the *Crotalus adamanteus* venom exonuclease.
Biochim. Biophys. Acta, 1980, 622, 331-336.

1. Kini R.M., Gowda TV - *J. Chromatog.*, 1984, 291, 299-305.
2. R. Manjunatha Kini, T.Veerabasappa Gowda - *Journal of Chromatography A* 1984, 291, 299-305
3. Culp J.S., Blytt HJ, Hermodson M, Butler LG. - *J. Biol. Chem.*, 1985, 260, 8320-8324.
4. Kirshenbaum D.M. - *J. Appl. Biochem. B.R.*, 1985, 11,287-316.
5. Moretto H.J.A. - *B.S. Zool. F.R.*, 1985, 110, 129-135.
6. Culp J.S., Butler L.G. – *Arch. Biochem. Biophys.* 1986, 246, 245-249.
7. Aird S.D., Seebart CS, Kaiser II - *Herpetol.*, 1988, 44, 71-85.
8. Lee, Jung Eun, Young Na Yum, and Doo Sik Kim.- *Korean Biochem. J.* 1992, 25, 684-9.
9. Mamillapalli R., Haimovitz R, Ohad M, Shinitzky M.- *FEBS Lett.* 1998, 436, 256-258.
10. Halim H.Y., Shaban EA, Hagag MM, Daoud EW, el-Asmar MF. - *Toxicon*, 1987, 25, 1199-1207.
11. Valério A.A., A. C. Corradini, P. C. Panunto, S. M. Mello, S. Hyslop - *J. Protein Chem.* 2002, 21, 495 – 503.
12. Park S., Seetharaman M., Ogdie A., Ferguson D., Tretyakova N. – *Nucleic Acids Res.* 2003, 31, 1984-1994.
13. Soobong P., Mahadevan Seetharaman, Alexis Ogdie, David Ferguson, and Natalia Tretyakova – *Nucleic Acids Res.* 2003, 31, 1984-1994.
14. 韦世秀 舒雨雁 黎红焯 (Scholar google) – *Chinese J. Biochem. Mol. Biol.* 2005, 21, 278-281.
15. Al-Saleh SSM, Khan SU, Ashraf M. – *J. Chem. Soc. Pakistan* 2009, 31, 292-303
16. Al-Saleh SSM, Khan SU, Ashraf M. – *Ind. J. Biochem. Biophys.* 2009, 46, 221-229.
17. Santoro M.L., T.S. Vaquero, A.F. Paes Leme, S.M.T. Serrano - *Toxicon* 2009, 54, 499-512.
18. Dhananjaya, B.L., D'Souza, C.J.M. - *Biochemistry (Moscow)* 2010, 75, 1-6.

19. T. C. Antunes, K. M. Yamashita, K. C. Barbaro, M. Saiki, M. L. Santoro - *Toxicon* 2010, 56, 1443–1458.
20. Al-Saleh S.S.M., S. Khan – *Prepar. Biochem. Biotechnol.*, 2011, 41:262–277.
21. Mitra J., D. Bhattacharyya - *Toxicon* 2014, 88, 1-10.

In Books

1. Tu A.T., Morita M. – in : *Metal Ions in Biol. Syst.*, Ed. S. Sigel and H. Sigel, 1983, 15, 193-211.
2. Schomburg, Dietmar, and Margit Salzmann. "Venom exonuclease." *Enzyme Handbook 3*. Springer Berlin Heidelberg, 1991. 777-781.
3. *Springer Handbook of Enzymes*, Eds. D. Schomburg and I. Schomburg, vol.11, p. 421, 2003.
4. Moller, F. - "Release of Brain Mitochondrial Hexokinase by Acidic Proteins and Macromolecular Polyanions." *arXiv preprint q-bio/0502028* (2005), Cornell University
5. B.L. Dhananjaya, B.S. Vishwanath, C.J.M. D'Sousa – in “*Handbook of Venoms and Toxins of Reptiles*”, Ed. S.P. Macessy, CRC Press, 2009; pp. 155-172.
6. Dhananjaya, B.L. - in: "Snake Venoms and Envenomation: Modern Trends and Future Prospects" January 2016, Pages 255-282_Book Chapter, Toxinology/Toxicology and Drug Discovery Unit, Center for Emerging Technologies, Jain Global Campus, Jain University, Kanakapura Taluk, Ramanagara, Karnataka, India

In Catalogues

1. Brenda - Entry of exodeoxyribonuclease (lambda-induced) (EC-Number 3.1.11.3); PubMedID 6246960
2. Amenda - [3.1.15.1 venom exonuclease](#) [134109](#)

17. Hadjiivanova N. Koumanov K., Mincheva R., Dimitrov G., Georgiev G. Insulin effect on lung subcellular fraction phospholipids and cholesterol. *Bull. eur. Physiopath. resp.*, 1981, 17, 53-64.

1. Isaev E.I., Bornikov VT, Salikhodzhaeva DS, Saatov TS. - *Biokhimiia*, 1984, 49, 1686-1689.
2. Shopova M.B. - *Studia Biophysica*, 1989, 129, 13-19.
3. Bounias M., R. Moreau, L. Gourdoux - *Insect Biochemistry* 1986, 16., 1986, 721–731.

In Books

1. Ilinov P. – in: "Tynkoslojna hromatografia", Izd. Nauka i izkustwo, Sofia, 1988.

In Theses

1. Shopova M.B. - *Doktorska disertacia*, Sofia, 1991

In Catalogues

1. Brenda Enzyme Info - Entry of adenylate cyclase (EC-Number 4.6.1.1); PubMedID 189868

18. Koumanov K. Boyanov A., Neicheva T., Markovska T. Purification and specificity of the rat alveolar surfactant phospholipid-exchange protein. *Bull. eur. Physiopath. resp.*, 1981, 17, 411-418.

1. King R.J. - J. Appl. Physiol., 1982, 53, 1- 8.
2. Zilversmit D.B. - J. Lipid Res., 1984, 25, 1563-1569.
3. Wright J.R., Benson BJ, Williams MC, Goerke J, Clements JA. - Biochim. Biophys. Acta, 1984, 791, 320-332.
4. Funkhauser J.D., Read R. J. - Chem. Phys. Lipids, 1985, 38,17
5. Harwood J.L. - Prog. Lipid Res., 1987, 26, 211-256.
6. Lumb R.H., Benson BJ, Clements JA - Biochim. Biophys. Acta, 1988, 935, 549 –552.
7. Lumb R.H. - Am. J. Physiol., 1989, 257, L190-L194.
8. Wright J.R. - Am. J. Physiol., 1990, 259, L1-L12.
9. Rueckert D.G. - Chem. Phys. Lipids 1990, 56, 1-20.
10. Tsao F.H.C., Tian Q., Strickland MS. - Biochim. Biophys. Acta 1992, 1125, 321-329.
11. McCrae K.C., Rand T., Scott J.E. – Chem. Phys. Lipids 2001, 110, 1-10.
12. Kaushal S., Ghosh S., Sharma N., Sanial S.N., Majumdar S. – Cell Mol. Life Sci. 2001, 58, 2098-2107
13. Lazarov, S., Yanev, E., Momchilova, A., Markovska, T., Ivanova, L., Pankov, R. - Chemicobiological Interactions 2007, 169, 73-79.

In Books

1. Bourbon J.R. – in: Pulmonary Surfactant, Ed. J.R. Bourbon, 1991, 143-184.

In Theses

1. Post M. - In: Pulmonary surfactant synthesis in the alveolar type II epithelial cell from rat lung, Ed. Krips Repro Mappel, Utrecht, These, 1982.
2. Lalchev Z. – in: “Свободни течни филми от природни смеси на липиди и протеини”, These, Sofia, 1984.

19. Koumanov K., Gavazova E., Chelibonova-Lorer H.

Sydyrvanie i biosinteza na fosfolipidi w plasmeni membrani ot cheren drob i heptom Ms-29 pri pileta.

Obchta i sravn. pathol. 1981, 10, 51-55..

1. Palmina N.P. - Ukr. Biochem., 1984, 56, 275-

20. Koumanov K., Boyanov A., Neicheva T., Markovska T., Momchilova A., Gavazova E., Chelibonova-Lorer H.

Phospholipid composition of subcellular fractions and phospholipid-exchange activity in chicken liver and Mc-29 hepatoma.

Biochim. Biophys. Acta, 1982, 713, 23-28.

1. Zborowski J. - Post Biochem. R., 1983, 29, 101-109.
2. Palmina N.P. - Ukr. Biochem., 1984, 56, 275-285.
3. Zilversmit D.B. - J. Lipid Res., 1984, 25, 1563-1569.
4. Venkov L., Dishkelov A, Kirazov E. - Cell. Mol. Biol., 1987, 33, 173-181.
5. Mowri H.O. - Lipids, 1988, 23, 459-464.
6. Rusinol A.E., Bloj B. - J. Biol. Chem., 1989, 264, 6612-6614.
7. Rueckert D.G. - Chem. Phys. Lipids 1990, 56, 1- 20.

8. Ossendorp, B.C., G.T. Snoek, K.W.A. Wirtz - Current Topics in Membranes 1994, 40, 217-259.
9. Westerman J., de Vries KJ, Somerharju P, Timmermans-Hereijgers JL, Snoek GT, Wirtz KW. - J. Biol. Chem. 1995, 270, 14263-14266
10. Palmira N.P., Burlakova E.B. – Comp. Biochem. Biophys. 1995, 111, 445-449.
11. Timmerman S.H.– J. Biol. Chem. 1995, 270, 13596-13602.
12. Gavrilova NJ, Setchenska MS, Petkova DH – Comp. Biochem. Physiol. B, 1995, 111, 463-469.
13. Rogers D.P. Bankaitis VA. – Int. Rev. Cytol. 2000, 197, 35-81.

In Books

1. Ossendorp et al. – In: „Lipid-Protein Interaction“ 216-260., Cell Lipids, D. Hoekstra ed., Academic Press, 1990
2. Burlakova YB, NP Pal'mina, YL Mal'tseva – In: "A PHYSICO-CHEMICAL SYSTEM REGULATING LIPID PEROXIDATION IN BIOMEMBRANES DURING TUMOR GROWTH", Membrane lipid oxidation, 1990 - CRC Press
3. Cell Lipids. Current Topics of Membranes. Ed. D. Hoekstra Academic Press. 1994, 638p
4. Membrane Lipid Oxidation, vol 3, C. Vigo-Pelfrey, CRC Press, 1990, p. 234
5. Knowles SR., Wong G., Shear NH. - in "14 Dermatological drugs, topical agents, and cosmetics", DOI: 10.1016/S0378-6080(06) 29014-7, 2007

In Theses

1. Petkova D.H. – in: “Функционална роля на мембранните фосфолипиди и някои техни приложения”, Докторска дисертация, София 2008.

21. Boyanov A., Tenchov B.G., Koynova R.D., Koumanov K.S.

Absence of subtransition in racemic dipalmitoylphosphatidylcholine vesicles.
Biochim. Biophys. Acta, 1983, 732, 711-713.

1. Eklund KK, Virtanen JA, Kinnunen PKJ - Biochim. Biophys. Acta, 1984, 793, 310-312
2. Finegold L., Singer MA. - Chem. Phys. Lipids, 1984, 35, 291- 297
3. Weis R.M., McConnell HM - Nature, 1984, 310, 47- 49
4. Cevc G. - Biochim. Biophys. Acta, 1985, 814, 141-150
5. Silvius J.R. - Biochim. Biophys. Acta, 1986, 857, 217-228
6. Wisner D.A. - J. Am. Chem. Soc., 1986, 108, 8064- 8068
7. Eklund K., Virtanen JA, Vuori K, Patrikainen J, Kinnunen PK. - Biochemistry, 1987, 26, 7542-7545
8. Singh M., Burke TG, Calvert GM - Chem. Phys. Lipids, 1988, 47, 135- 148
9. Dorset, D.L. – Chem. Phys. Lipids., 1988, 48, 19-28.
10. Zasadzinski J.A. - Biochim. Biophys Acta 1988, 946, 235-243
11. Devlin, M.T., Levin IW - Biochemistry, 1989, 28, 8912-8920
12. Gollova J., Balgavy P. - FEBS Letters 1989, 255, 354-357
13. COLLINS, JM, PJ QUINN, and S. QADRI. "LJ LIS, W. TAMURA-LIS, T. MASTRAN and D. PATTERSON." Molecular crystals and liquid crystals, 1989, 166, 11-19.
14. Lis L.J. - Molec. Cryst. Liq Cryst. 1990, 178, 11-19
15. Collins J., Tamuralis W, Lis LJ, Quinn PJ. - J. Coll. Interface Sci., 1990, 134, 357-365
16. Bruzik K.S.- BBA, 1990, 1023, 143-146

17. Silvius J.R. - Chem. Phys. Lipids 1991, 57, 241-252
18. Cevc G. - Chem. Phys. Lipids 1991, 57, 293-
19. Koiv A., Kinnunen PKJ - Chem. Phys. Lipids 1992, 62, 253-261
20. Mannock D.A. et al. - Biophys. J. 1992, 63, 1355-1368
21. Lewis R.N.A.H. and McElHaney R.N. – in “Structure of Biological Membranes” (P. Yeagle, Ed.) CRC Press, 1992
22. Cevc G.- J. Chem. Phys. 1993, 98, 5701.
23. Romano R. - BBA, 1993, 1151, 111-119
24. Jaeger D.A., Kubicz LE, Price RC – Langmuir 1996, 12, 5803-5808.
25. Bruzik K.S., Harwood J.S. – J. Am. Chem. Soc. 1997, 119, 6629-6637.
26. Walde P., Blochliger E. - Langmuir 1997, 13, 1668-1671.
27. Katsaras J. et al. – Phys. Rev. 1997, 55, 3751-3753.
28. Arora A., Gupta C.M. – Biochim. Biophys. Acta 1997, 1324, 61-68.
29. Kaneshina S., Ichimori H., Hata T., Matsuki H. – Biochim. Biophys. Acta 1998, 1374, 1-8.
30. Smiley B.L., Richmond G.L. – J. Phys. Chem. B 1999, 103, 653-659.
31. Kennedy A., Hmel PJ, Seelbaugh J, Reid TJ. – J. Liposome Res. 2002, 12, 221-237.
32. Funari, S.S., Rapp, G., Richter, F. - Quimica Nova 2009, 32, 908-912.

In Books

1. Cevc G.- in: Phospholipid Bilayer. Physical Principles and Models, J. Willey & Sons, Inc., NY, 1987
2. Cevc G – in: “Water and Biological Macromolecules (Topics on Molecular and Structural Biology) » by Eric Westhof , 338-392, 1993
3. Caffrey M.- LIPIDAT: a Database of Thermodynamic Data and Associated Information on Lipid Mesomorphic and Polymorphic Transitions CRC, 1993
4. L. Moroder, J. Lutz – in: “Studies in Natural Product Chemistry : Stereoselective Synthesis, Part K (Studies in Natural Products Chemistry, Volume 18) » by Atta-Ur-Rahman, Elsevier Science B.V. 819-874, 1996
5. Schultz P.S., Soltero J.F.A., Puig J.E. – in: Thermal Behavior of Dispersed Systems, Ed. N. Garti 2000, 121-182.
6. Feiters M.C., Nolte R.J.M. – in:” Advances in Supramolecular Chemistry, Volume 6, Ed. by G.W. Gokel (Hardcover - Jan 1, 2000)
7. Velonia K., Cornelissen JJLM., Feiters M.C., Rowan AE., Nolte RJM – in: Nanoscale Assembly: Chemical Techniques, Ed. WTS Huck, 2002, 119-186.

In Theses

1. Weis, Robert Mark - *Optical microscope studies of fluorescent model and cell membranes.* Stanford University, 1984.
- 22. Koumanov K., Boyanov A., Neicheva T., Markovska T., Momchilova A.**
Maternal diabetes mellitus and changes in neonatal rat lung and alveolar surfactant phospholipids.
Bull. eur. Physiopath. resp., 1983, 19, 447-451.

1. Müller B, von Wichert P. - Klin Wochenschr. **1985**, 63, 781-787.

2. Kaushal S., Ghosh S., Sharma N., Sanyal SN, Majumdar S. – Cell. Mol. Life Sci. 2001, 58, 2098-2107.
3. Kolleck I, Guthmann F, Ladhoff AM, et al. – Biochemistry 2002, 41, 6369-6375
4. Younsi M., Al-Makdissy N., Delbashian I., Drouin M., Ziegler O. – Metab. Clin. Exp. 2002, 51, 1261-1268.
5. Aldridge A.J. – Eur. J. Surg. 2002, 168, 204-214

In Catalogues

1. Brenda - Entry of transaldolase (EC-Number 2.2.1.2); PubMedID 6688958

- 23. Hadjiivanova N., Koumanov K., Panajotov I., Ivanova M.**
Insulin effect on some biochemical and biophysical characteristics of lung surfactant.
Int. J. Biochem., 1984, 16, 195-200.

In Books

1. Ilinow P. - "Tankoslojna hromatografia", Izd. Nauka i izkustwo, Sofia, 1988.

In Theses

1. Simeon, Paula Sylvia - "*Analysis of insulin recovery in neonatal continuous insulin infusions delivered via a syringe pump*". UCLA, 1991.

- 24. Momchilova A., Petkova D., Mechev I., Dimitrov G., Koumanov K.**
Sensitivity of 5'-nucleotidase and phospholipase A2 towards liver plasma membrane modifications.
Int. J. Biochem., 1985, 17, 787-792.

1. Maltseva, N., Burlakova EB - Biol. Membrani 1986, 3, 773-780.
2. Zlatanov I. - C.R. Acad. bulg. Sci., 1986, 39, 101-
3. Demel R., Paltauf F, Hauser H - Ecotox. Environ Safe., 1987, 13, 346-351.
4. Ungemach F.R. - Chem. Phys. Lipids, 1987, 45, 171-205.
5. Cossarini-Dunier M., A Demaël, JL Riviere, D Lepot. - AMBIO, 1988, 17, 401-405
6. Strandvik B., Bronnengad M., Gilijam H. - Scand. J. Gastroent., 1988, 23, 1-4.
7. Aarsman A.J., de Jong JG, Arnoldussen E, Neys FW, van Wassenaar PD, Van den Bosch H. - J. Biol. Chem. 1989, 264, 10008-10014
8. Nicolas C., Demarne Y, Lecourtier MJ, Lhuillery C - Int. J. Obes. 1990, 14, 537-549
9. Nicolas C., Demarne Y, Lecourtier MJ, Lhuillery C. – Comp. Biochem. Physiol. B 1990, 96, 195-199.
10. Thi-Dinh KL, Demarne Y, Nicolas C, Lhuillery C. - Lipids 1990, 25, 278-283
11. Murphy M.G. - J. Nutr. Biochem. 1990, 1, 68-79
12. Krumhard B. and Dupont J.- J. Nutr. Biochem. 1991, 2, 443-448
13. Wright S. - Br. J. Dermatol. 1991, 125, 503-515
14. Nicolas C., Demarne Y, Lecourtier MJ, Lhuillery C - Hormon Metab. Res. 1991, 23, 522-529.
15. Daveloose JP - Biochim. Biophys. Acta 1993, 1166, 229-237.
16. Chignier, E., Guidollet J, Freyria AM, Ardail D, McGregor JL, Louisot P - Biomed. Materials Res. 1993, 27, 1087-1094.

17. Smit M.J., Wolters H, Temmerman AM, Kuipers F, Beynen AC, Vonk RJ. - Int.J.Vitamin Nutr.Res. 1994, 64, 75-80
18. Soares M. C., Alessio ML, Leger CL, Bluet-Pajot MT, Clauser H, Enjalbert A, Kordon C, Wandscheer DE - J. Lipid Res. 1995, 36, 1401-1406.
19. Angulo, O. - Arch. Latinoamer. Nutr. 1995, 45, 295-304.
20. Mitjavila, M.T. - Lipids 1996, 31, 661-666.
21. Portillo M.P., Tueros AI, Perona JS, Ruiz-Gutierrez V, Torres I, Macarulla MT. – Brit. J. Nutr. 1999, 82, 319-327.
22. Hwang J. – Nutr. Res. Pract., 2009, 3, 95-101.
23. Hwang J., Jun H.S., Shim E. – J. Healt Sci. 2010, 56, 275-286.
24. SK Choi, XH Zhang, JS Seo - Suppression of oxidative stress by grape seed supplementation in rats. Nutrition research and practice, 2012 , 6, 3-8.

In Books

1. Mc Murchie E.J. - In: Physiological Regulation of Membrane Fluidity, Alan R. Liss, Inc. 1988, 189-237.
2. Rhodes L.E. – in: Dry Skin and Moisturizers, Ed. H.I. Maibach, 1999, 316-326.
3. Wolf C., Quinn J.P. – in: Membrane Dynamics and Domains, Ed. P.J. Quinn, 2004, 317-358.
4. Larsson, K., Quinn, P., Sato, K., Tiberg, F. - in: Lipids: Structure, Physical Properties and Functionality; February 2006, Pages 1-267; ISBN:978-095319499-5; Elsevier Inc.

In Catalogues

1. Brenda - Entry of 5'-nucleotidase (EC-Number 3.1.3.5); PubMedID 2996956
2. Brenda - Entry of phospholipase A2 (EC-Number 3.1.1.4); PubMedID 2996956

25. Hinkovska V.T., Koumanov K.S.

Isolation and characteristics of plasma membranes of ram spermatozoa - *C.R. Acad. bulg. Sci. 1986 39, 103-106.*

1. Bravo E, Rivabene R, Bruscalupi G – J. Biochem.-Tokyo 1996, 119, 240-245.
2. Ortu G, Rivabene R, Cantafora A. – Proc. Soc. Exp. Biol. Med. 1997, 216, 45-51.

26. Koumanov K.S., Infante R.

Phospholipid transfer proteins in human liver and primary liver carcinoma. *Biochim. Biophys. Acta, 1986, 876, 526-532.*

1. Van Amerongen A. et al. - Biochim. Biophys. Acta, 1987, 919, 149-155.
2. Wang S.R. - Biochim. Biophys. Acta, 1988, 961, 351-363.
3. Rijeckart D.G., K Schmidt - Chem. Phys. Lipids 1990, 56, 1- 12
4. Westerman I., K.J. de Vries , P. Somerharju, J. L. P. M. Timmermans-Hereijgers , G. T. Snoek , K. W. A. Wirtz – J. Biol. Chem. 1995, 270, 14263-14266.

In Books

1. Wirtz K.W.A. - In: Peroxisomes in biology and medicine, ed. H.D. Fahimi and H. Sies, Springer Verlag, Berlin-Heidelberg, 1987.
2. Van Amerongen A. - In: Localization and properties of the non- specific lipid transfer protein (sterol carrier protein 2), Utrecht, Holland, 1988.

In Theses

1. Wang S.R. – “Synthese et secretion des lipoproteines par les hepatocytes en culture de rats normaux et genetiquement obesés, et par la lignee hepatocytaire humaine HEP G2 « , These, Paris, 1986
2. ZHONG SHUANG – ”Biochemical and pathological studies of Aflatoxin B1” , Thesis, MASTER OF SCIENCE, FACULTY OF MEDICINE NATIONAL UNIVERSITY OF SINGAPORE 2004.
3. Obermayr F.M.A. – in: “HLA-Klasse-I-Antigenpräsentation und Genexpression solider Tumoren im Vergleich”, Inaugural-Dissertation zur Erlangung des Doktorgrades der Medizin, Medizinischen Fakultät der Eberhard-Karls-Universität zu Tübingen, 2005

Patents that cite:

1. PHOSPHOLIPID SCRAMBLASE 3

Lee R.M., Dai Q., Chen J., Liu J.,

Appl. No 10/548,329, 2004, PCY No: PCT/US04/0792

27. Momchilova A., Petkova D., Koumanov K.

Rat liver microsomal phospholipase A2 and membrane fluidity.

Int. J. Biochem., 1986, 18, 659-664.

1. Ungemach F.R. - Chem. Phys. Lipids, 1987, 45, 171-205.
2. Deliconstantinos G. - Anticancer Res., 1987, 7, 1011-1022.
3. Kawashima Y. - J. Biol. Chem., 1987, 262, 16495-16502.
4. Poli G. - Chem. Phys. Lipids, 1987, 45, 117-142.
5. Strandvik B., Hjelte L, Gabrielsson N, Glaumann H - Scand. J. Gastroenterol., 1988, 23, 1-4
6. Sevanian A., Wratten ML, McLeod LL, Kim E. - Biochim. Biophys. Acta 1988, 961, 316-327
7. Aarsman A.J., de Jong JG, Arnoldussen E, Neys FW, van Wassenaar PD, Van den Bosch H - J. Biol. Chem., 1989, 264, 10008-10014.
8. Ogura R., Sugiyama M., Sakanashi T., Suematsu T., Hidaka T., Morikawa F., Kon Y. - Arch. Dermatol. Res., 1989, 280, 481-486.
9. Suematsu, T., Hidaka, T., Sakanashi, T., Sugiyama, M., Ogura, R. (1989). Prostaglandins, Leukotrienes and Essential Fatty Acids, 1989, 35, 153-156.
10. Otamiri, T. Food and chemical toxicology 27.6 (1989): 399-402.
11. Nalbhone H. - Lipids 1990, 25, 301-306.
12. Robinson J.P. - J. Am. Coll. T. 1990, 9303-
13. Neitcheva, T., & Peeva, D. (1995). The international journal of biochemistry & cell biology, 27(10), 995-1001.
14. Rakowska M., R. Jasińska, J. Lenart, I. Komańska, P. Makowski, A. Dygas, S. Pikuêa – Mol. Cel. Biochem. 1997, 168, (1-2).
15. Broccali, G., Berti, M., Pistolesi, E., Cestaro, B. - Panminerva Medica 2005, 47, 2005, 123-129.
16. Broccali, G., Berti, M., Pistolesi, E., Cestaro, B. - Gazzetta Medica Italiana Archivio per le Scienze Mediche 2005, 164, 101-107

In Books

1. Wolf C. - In: Phospholipides et membranes, Ed. CNRS, Paris, pp. 91-99, 1988.

2. Bereziat G. et al. In: Biologie des Lipides chez l'Homme, Eds L.Douste-Blazy et F.Mendy, Editions Medicales Internationales, Paris, pp. 81-90, 1988.
3. Wood, W. G., Gorka, C., Rao, A. M., & Schroeder, F. (1989 Molecular Mechanisms of Alcohol (pp. 3-13). Humana Press.
4. C.Green, L. Cotterill, J. Grower – in: Cellular Membrane, Ed. T. Ohnisi 1992, 285-312.
5. Wolf C., Quinn J.P. – in: Membrane Dynamics and Domains, Ed. P.J. Quinn, 2004, 317-358.
6. Immunopharmacology of Free Radical Species, Academic Press, Ed. Donald Blake & P. Winyard, 1995, p.301.
7. Larsson, K., Quinn, P., Sato, K., Tiberg, F. - Lipids: Structure, Physical Properties and Functionality, 2006, pp. 1-267.
8. Chanussot F. Lecithine, Metabolisme et nutrition.Lavoisier, 2008, p.35

In Theses

1. Zlatanov I. - Disertacia, Sofia, 1989.
2. Iliewa A.T. - Disertacia, Sofia, 1990.
3. Antoon Ignace Paul Maria de Kroon - Modelstudies aan membraaninsertie en translokatie van peptide; Ter verkrijging de grad van Doktor aan de Rijksuniversitet te Utrecht; Apr 1991
4. Van Schaik R.H.N. - In: Rat liver phospholipase A2, Thesis, Utrecht, 1992.

In Catalogues

1. Brenda - Entry of phospholipase A2 (EC-Number 3.1.1.4); PubMedID 3743874

28. Momchilova A.B., Petkova D.H., Koumanov K.S.

Phospholipid modifications influence phospholipase A2 activity in rat liver plasma membranes.

Int. J. Biochem., 1986, 18, 945-952.

1. Strandvik B., Hjelte L, Gabrielsson N, Glaumann H. - Sc. J. Gastr., 1988, 23, 1-4.
2. Aarsman A.J., de Jong JG, Arnoldussen E, Neys FW, van Wassenaar PD, Van den Bosch H - J. Biol. Chem., 1989, 264, 10008-10014
3. Farkas T. Premez G, Markovits A, Bagi G - Comp. Bioch. B., 1989, 93, 217-222.
4. Otamiri T. - Food Chem., 1989, 27, 399-402.
5. Volkov G.L. - Ukr. Biokhim., 1989, 61, 71-77.
6. Lebel C.P., Schatz RA. - J. Pharm. Exp. 1990, 253, 1189-1197.
7. Loo G., Wong HY, Kliman PG, Berlin E, Peters R, Sherief HT, Zhuang H, Allen PC.- Comp. Biochem. B 1990, 96, 361-366.
8. Loo G., Berlin E, Smith JT. - Int. J. Biochem. 1990, 22, 631-634.
9. Robinson J.P., Kendall DA. - J. Am. Coll. T, 1990,9, 303-317.
10. Robinson J.P., Pfeifer R.W. - Int. J. Toxicol. 1990, 9, 303-317.
11. Goodwin R.H. - In Vitro Cell Dev, 1991, 27, 470-478.
12. Saris N.E., Steinbruckner B, Thuren T, Lalla ML, Van den Bosch H, Kinnunen PK, Hoffmann GE. - Sc. J. Clin. Invest. 1992, 52, 19-25.
13. Park Y. S., Y. C. Woo, Lee S. C., Park S. J., Oh J. H., Yoo B. C., Paik S. S., Lee K. G., Jin S. Y., Kim S.-C., Kim K. P., Kim Y. H., Choi D. H., Kim H. K., - Clinica Chimica Acta 2011, 412, 1978-1982.

14. Kang H.S., S. C. Lee, Y. S. Park, Y. E. Jeon, J. H. Lee, S.-Y.Jung, I. H. Park, S. H. Jang, H. M. Park, C. W. Yoo¹, S. H. Park, S. Y. Han, K. P. Kim, Y. H. Kim, J. Ro¹, H. K. Kim - BMC Cancer 2011, 11:465-.
15. Kang, Sokbom , Lee, Aera , Park, Young Seung , Lee, Seok Cheol , Park, Sang Yoon , Han, Sang Yun ,Kim, Kwang Pyo , Kim, Young Hwan Yoo, Chong Woo, Kim, Hark Kyun – Int. J. Gynecol. Cancer 2011, 21, 1566–1572.
16. Lee, G.K.,Lee, H.S.,Park, Y.S., Lee, J.H.,Lee, S.C.,Lee, J.H.,Lee, S.J.,Shanta, S.R.,Park, H.M.,Kim, H.R.,Kim, I.H.,Kim, Y.H.,Zo, J.I.Kim, K.P.Kim, H.K. - Lung Cancer 2012, 76, 197-203

In Books

1. Wolf C. - In: Phospholipides et membranes, Ed. CNRS, Paris, pp. 91-99, 1988.
2. Duncan C.J. – in : “Calcium, Oxygen Radicals and Cellular Damage”, University of Liverpool, Cambridge University Press, 2003.
3. Chauhussot F. - Lécithine, métabolisme et nutrition. Lavoisier. 2008

In Theses

1. Lenting H. - In: Characterization and regulatory aspects of mitochondrial phospholipase A2, Thesis, Utrecht, 1988, pp. 63-70.
2. Zlatanov I. - Disertacia, Sofia, 1989.
3. Van Schaik R.H.N. - In: Rat liver phospholipase A2, Thesis, Utrecht, 1992, pp.7-20 (31-47, 49-64)

In Catalogues

1. Brenda - Entry of phospholipase A2 (EC-Number 3.1.1.4); PubMedID 3792613

29. Petkova D.H., Momchilova A.B., Koumanov K.S.

Age-related changes in rat liver plasma membrane phospholipase A2 activity.
Exp. Gerontol., 1986, 21, 187-193.

1. Baird M.B., Hough GL. - Age, 1987, 10, 90-95
2. Baldini P., Conti Devirgiliis L, Dini L, Incerpi S, Luly P- Mech. Ageing Dev., 1988, 42, 17-25
3. Taylor R.R., Sturm M, Kendrew PJ, Vandongen R, Beilin LJ - Clin. Sci., 1989, 76, 195-198.
4. Sawada M., Carlson JC - J. Cell Biochem., 1990, 44, 153-165.
5. Sawada M., Carlson JC. - Endocrinol. 1991, 126, 2992-2998.
6. Fraeyman N., P Vanscheeuwijck, MD Wolf, J Quatacker - Life Sci. 1993, 53, 153-160.
7. Yao K.M. - J. Cell Biochem. 1993, 51, 488-494.
8. Merrill A.H., Hannun YA, Bell RM - Adv. Lipid Res. 1993, 25, 1-15
9. Nadiv O., Shinitzky M, Manu H, Hecht D, Roberts CT Jr, LeRoith D, Zick Y.- Biochem. J. 1994, 298, 443-450.
10. Fulop T., Seres I. - Drugs and Aging 1994, 5, 366-390.
11. Fulop T. - Immunol. Lett. 1994, 40, 259-268.
12. Gurdal H. - Molec. Pharm. 1995, 47, 772-778.
13. Bravo E., Rivabene R, Bruscalupi G, Calcabrini A, Arancia G, Cantafora A - J. Biochem. 1996, 119, 240-245.
14. Gao E.H. – J. Mol. Cell Cardiol. 1997, 29, 593-602.

15. Gurdal H., Seasholtz TM, Wang HY, Brown RD, Johnson MD, Friedman E. – J. Gerontol. A-Biol. 1998, 53, B268-B273.
16. Barnes C.J., Hardman WE, Maze GL, Lee M, Cameron IL – Aging 1998, 10, 455-462.
17. Plewka A., Kaminski M, Plewka D, Nowaczyk G – Mech. Ageing Dev. 2000, 113, 49-59.
18. Roka F., Freissmuth M, Nanoff C. – Exp. Gerontol. 2000, 35, 133-143.
19. Tahara S., Matsuo M, Kaneko T – Mech. Ageing Dev. 2001, 122, 415-426.
20. Yeo EJ, Park SC - Mech. Ageing Dev. 2002, 123, 1563-1578.
21. Schroder AK, Rink L – Mech. Ageing Dev. 2003, 124, 419-425.
22. Mariotto, S. , Suzuki, Y., Persichini, T., Colasanti, M., Suzuki, H., Cantoni, O. - Current Medicinal Chemistry 2007, 14, 1940-1944.
23. De Guzman GM, G. Ku, R. Fahey, Y.-H. Youm. I. Kass, D. K. Ingram, V. Deep Dixit, I. Kheterpal – AGE 2013, 35, 1091-1104
24. Challabotla, K., Banji, D. , Banji, O.J.F., Reddy Chilipi, K. - Indian Drugs 2013, 50, 5-22.
25. Rodacki LN, AL Rodacki, I Coelho, D Pequito, M Krause, S Bonatto, K Naliwaiko, LC Fernandes - British Journal of Nutrition 2015, 114, 43-52.

In Books

1. Shmeeda H.R. - "Membrane lipids in ageing" in: Handbook of Biomembranes, vol. 2, (Shinitzky M. ed.), Balabau Publisher, 1992.
2. Joanna Y. Lee, Lina M. Obeid – in Sphingolipid-Mediated Signal Transduction 5. Ceramide, Aging and Cellular Senescence, Molecular Biology Intelligence Unit 1997, pp 61-75 Molecular Biology Intelligence Unit 1997, pp 61-75, Springer
3. A. Hornyk – in : « The Eicosanoides », Ageing and Prostaglandins, Ed. Peter Curtis-Prior, 2004.
4. Smeeda H.R., Golden E.B., Barenholz Y. – “Membrane lipids and aging” 1-82; in: “Biomembranes: Structural and Functional Aspects”, Ed. M. Shinitzky, VCH, 2008.

In Theses

1. Lenting H. - Characterization and regulatory aspects of mitochondrial phospholipase A2", Thesis, Utrecht, 1988.
2. CINTIA DE LOURDES NAHHAS RODACKI – EFEITO DA ATIVIDADE FÍSICA ASSOCIADA À SUPLEMENTAÇÃO DE ÓLEO DE PEIXE SOBRE A RESPOSTA NEUROMUSCULAR E IMUNITÁRIA DE IDOSAS; Universidade federal do Parana; CURITIBA 2012

In Catalogues

1. Brenda - Entry of phospholipase A2 (EC-Number 3.1.1.4); PubMedID 3803470

30. Petkova D.H., Momchilova A.B., Koumanov K.S.

Phospholipid dependence of the neutral sphingomyelinase in rat liver plasma membranes.

Biochimie, 1986, 68, 1195-1200.

1. Harrison R.A. - J. Rep. Fert. 1990, 51, 143
2. Babenko N.A. - Biochem. SSR 1991, 56, 214-220
3. Lister M., Crawford-Redick CL, Loomis CR.- Biochim. Biophys. Acta 1993, 1165, 314-320.
4. Spence M.W. - Adv. Lipid Res. 1993, 26, 3-23.

5. Lister M.P. - BBA 1993, 1165, 314-320.
6. Neitcheva T, Peeva D. – Int. J. Biochem. Cell Biol. 1995, 27, 995-1001.

In Books

1. Spence M.W. – in: Phosphatidylcholine Metabolism, Eds. D.E. Vance and M. Samama 1989, 185-204.
2. Sandor Damjanovich, Michael Edidin, Janos Szollosi, Lajos Tron - Mobility and Proximity in Biological Membranes, CRC Press, 1994
3. Ader R., Felton D., Cohen N. Psychoneuroimmunology, 1,2001, 285p
4. J. Szollosi – in: “Mobility and Proximity in Biological Membranes” by S. Damjanovich, M. Edidin, J. Szollosi, and L. Tron, CRC Press, 137-208, 1994
5. Larsson, K., Quinn, P., Sato, K., Tiberg, F. - in: Lipids: Structure, Physical Properties and Functionality; February 2006, Pages 1-267; ISBN:978-095319499-5; Elsevier Inc.
6. CHANUSSOT F. - " Lécithine, métabolisme et nutrition", Edition TEC & DOC Lavoisier, 2008

In Theses

1. Zlatanov I. - Disertacia, Sofia, 1989.
2. Iliewa A.T. - Disertacia, Sofia, 1990.

In Catalogues

1. Brenda - Entry of sphingomyelin phosphodiesterase (EC-Number 3.1.4.12); PubMedID 3024743

31. Hinkovska V.T., Dimitrov G.P., Koumanov K.S.

Phospholipid composition and phospholipid asymmetry of ram spermatozoa plasma membranes.

Int. J. Biochem. 1986, 18, 1115-1121.

1. Sidhu K.S., Guraya SS - Int. Rev. Cyt. 1989, 118, 231-234
2. Deleeuw F.E. - Cryobiology 1990, 27, 171-178.
3. Hammerst R.H. - J. Andrology 1990, 11, 73-78.
4. Sparling M.L., Kruszewska B. - BBA, 1990, 1028, 117-126
5. Avaldano M.I., N P Rotstein, N T Vermouth - Biochem. J. 1992, 283, 235-243
6. Crichton E.G. - J. Repr. Fert. 1993, 97, 1-10
7. Rana A.P., Misra S, Majumder GC, Ghosh A - BBA, 1993, 1210, 1-7.
8. Grippo A.A., Anderson SH, Chapman DA, Henault MA, Killian GJ.- J. Reprod. Fert. 1994, 102, 87-93
9. Roelofsen B.,Op den Kamp J.A.F. - Curr. Top. Membranes 1994, 40, 7-
10. Muller K. - BBA (Biomembranes) 1994, 1192, 21-
11. Muller K. - Biochemistry 1994, 33, 9968-
12. Labbe C., Maise G, Muller K, Zachowski A, Kaushik S, Loir M. - Lipids 1995, 30, 23-33
13. Pelleschi S., Silvestroni L. - BBA, 1996, 1279, 197-202.
14. Martinez P., A Morros - Frontiers in Bioscience 1996, 1, d103-117,
15. Kan F.W., Lin Y. - J. Histochem. Cytochem. 1996, 44, 687-701.
16. Srivastava A., Olson G.E. - J. Reprod. Fert. 1996, 108, 245-251.
17. Martínez P., A. Morros - Frontiers in Bioscience 1, 1996, July 1d1,103-117.

18. Vazquez J.M., Roldan E.R.S. - Mol. Reprod. Dev. 1997, 48, 95-105.
19. Ladha S. – J. Membrane Biol. 1998, 165, 1-10. (3x)
20. Drokin S.I., Vaisberg TN, Kopeika EF, Miteva KD, Pironcheva GL – Cytobiosis 1999, 100, 27-36.
21. Gadella B.M., Miller NG, Colenbrander B, van Golde LM, Harrison RA. – Mol. Reprod. Dev. 1999, 53, 108-125.
22. Flesch F.M., Gadella B.M. – Biochim. Biophys. Acta 2000, 1469, 197-235.
23. Douard V., Hermier D, Blesbois E - Biol. Reprod. 2000, 63, 1450-1456.
24. Schuffner A., Morshedi M, Oehninger S – Hum. Reprod. 2001, 16, 2148-2153.
25. Schiller J., Muller K., Suss R., Arnhold J., Gey C., Herrmann A., Lessig J., Arnold K., Muller P. – Chem. Phys. Lipids 2003, 126, 85-94.
26. Sanocka, D., Kurpisz, M. - Reproductive Biology and Endocrinology 2004, 2, 23-
27. Sanocka, D., M. Kurpisz - Reproductive Biology and Endocrinology 2004, 2:12-
28. Tannert, A., Kurz, A., Erlemann, K.-R., Muller, K., Herrmann, A., Schiller, J., Topfer-Petersen, E., Manjunath, P., Muller, P. - European Biophysics Journal 2007, 36, 461-475.
29. Rejraji, H., Saez, F., Drevet, J.-R. - Andrologie 2009, 19, 17-28.
30. Lessig J, Fuchs B – Curr. Med. Chem. 2009, 16, 2021-2041.
31. Mayren-Mendoza, Félix de Jesús: Vergara-Onofre, M.: Juárez-Mosqueda, María de Lourdes: Toledano-Olivares, Á.: Rosales-Torres, A. M.: Ávalos-Rodríguez, A. - REDVET Rev. electrón. vet. <http://www.veterinaria.org/revistas/redvet> 2012 Volumen 13 N° 1
32. Lazaros L., N. Xita, E. Hatzi, A. Kaponis, G. Makrydimas, A. Takenaka, N. Sofikitis, T. Stefanos, K. Zikopoulos, I. Georgiou - Asian Journal of Andrology , 2012, 14, 778-783.
33. Tapia JA, B Macias-Garcia, A Miro-Moran, C Ortega-Ferrusola, GM Salido, FJ Pena, IM Aparicio - Reprod Dom Anim. 2012, 47 (Suppl. 3), 65–75.
34. Diez, C, Munoz, M, Caamano, JN , Gomez, E – Reprod. Domest. Anim. 2012, 47, Special Issue: SI, Suppl. 3, 76-83.
35. Rajasekharan A., V. G. Francis, S. N Gummadi - Reproduction, 2013; 146: 209 - 220.
36. Fuchs B.- Free Rad. Res., 2015, 49, 599-617.

In Books

1. B. Roelofsen, J.A. Op den Kamp – in: “Cell Lipids, Volume 40 (Current Topics in Membranes) » by D. Hoekstra, A. Kleinzeller, and D. J. Benos, 7-46, 1994.
2. Gopal Chandra Majumder, Sudipta Saha, Kaushik Das, Sandhya Rekha Ddungdung - In: Mammalian Endocrinology and Male Reproductive Biology, Edition: 1, Chapter: 8, Publisher: CRC Press, Taylor & Francis Asia Pacific, New Delhi, India., Editors: Shiokumar Singh, pp.197-244

In Theses

1. V. Kazimanickam – in: “Adding exogenous lipids into boar spermatozoa alters their functions”, Thesis, University of Guelph, 2000.
2. Mary Lee Sparling – in: “Phospholipase A activities and Platelet activating factor production in membrane density gradient fractions of sea urchin eggs at fertilization or artificial starfish egg activation”, Biology Department, California State University, Northridge, CA. 91330, 2001.
3. Petkova D.H. – in: “Функционална роля на мембранните фосфолипиди и някои техни приложения”, Докторска дисертация, София 2008.

32. Yanev E., Momchilova A. Koumanov K., Novelli G., Nicolov N.

N-t-butyl- α -phenylnitrone antioxidant effect on the alterations in phospholipid composition of alveolar surfactant and lung in endotoxin shock rats.

In: *Oxygen free radicals in shock. Int. Workshop, Novelli, Ursini eds., Florence, Karger, Basel, 1986, pp. 193-196.*

1. Livingstone C., The Pavlovian J Biol Sciences, JB Lippincott, 1990,
2. Brachett D.I. - Circ. shock 1991, 33, 156-163
3. Lloyd S.S., Chang AK, Taylor FB Jr, Janzen EG, McCay PB. - Free Rad. Biol. Med. 1993, 14, 233-242

In Books

1. Free radicals and circulatory shock. In: The Role of Oxygen Radicals in Cardiovascular Diseases (pp. 13-22). Springer Netherlands. Ed. Novelli, G. P. (1988).

33. Hinkovska V.T., Petkova D.H., Koumanov K.S.

A neutral spingomyelinase in spermatozoa plasma membranes.

Can. J. Biochem. Cell Biol., 1987, 65, 525-528.

1. Vanha-Pettula T. - FEBS Letters, 1988, 233, 263-267.
2. Merrill A.H.Jr., Jones D.D. - Biochim. Biophys. Acta 1990, 1044, 1-12.
3. Vanha-Pettula T. - Andrologia 1990, 22, 10-21
4. Harrison R.A. Vickers SE - J. Rep. Fert. 1990, 51, 343-352
5. Roldan E.R., Mollinedo F - Biochem. Biophys. Res. Commun. 1991, 176, 294-300
6. Lister M., Crawford-Redick CL, Loomis CR. - Biochim. Biophys. Acta 1993, 1165, 314-320.
7. Linardic C.M., Jayadev S, Hannun YA. - Cell Growth Different. 1996, 7, 765-774.
8. Raimann P.E., Custodio de Souza IC, Bernard EA, Guma FC. - Mol. Cell Biochem. 1999, 201, 125-129.
9. Tilly J.L., Kolesnick R.N. - Chem. Phys. Lipids 1999, 102, 149-155.
10. Cross N.L. - Biol. Reprod. 2000, 63, 1129-1134.
11. Billich A., T. Baumruker Yu, ZF, Nikolova-Karakashian, M., Zhou, D., Cheng, G., Schuchman FH, Mattson, MP, - J Mol Neurosci, 2000, 15, 85-97.
12. Butler A., He X, Gordon RE, Wu HS, Gatt S, Schuchman EH.- Am. J. Pathol. 2002, 161, 1061-1075.
13. Murase T, Imaeda N, Kondoh N, et al. - J. Reprod. Develop., 2004, 50, 667-674.
14. Furland, N.E., G.M. Oresti, S.S. Antollini, A. Venturino, E.N. Maldonado, M.I. Aveldaño - J. Biol. Chem, 2007, 282, 18151-18161.
15. Butler A., R.E. Gordon, S. Gatt and E.H. Schuchman - American Journal of Pathology 2007;170:2077-2088.
16. Colas, C., James, P., Howes, L., Jones, R., Cebrian-Perez, J.A., Muiño-Blanco, T. - Reproduction, Fertility and Development 2008, 20, 649-658.
17. Becker K.A. , A Gellhaus, E Winterhager, E. Gulbins - Subcell. Biochem., 2008, August 27, 523-538.
18. Zanetti SR, de Los Angeles Monclus M, Rensetti DE, Fornés MW, Aveldaño MI. - Biochimie. 2010, 92, 1778-1786.
19. Zanetti SR, Monclus M.D.L.A., Rensetti DE, Fornés MW, Aveldaño MI. - Biochimie. 2010, 92, 1886-1894.

20. Zanetti, S.R. , Monclus, M.D.L.A. , Rensetti, D.E. , Fornés, M.W. , Aveldaño, M.I. - Enfermedades Infecciosas y Microbiología Clínica 2010, 28, 1886-1894.
21. Peñalva DA, N. Wilke, B. Maggio, M. I. Aveldaño, MA Fanani - Langmuir, 2014, 30, 4385-4395

In Books

1. Schomburg D, M. Salzmann - in: Enzyme Handbook 3, Sphingomyelin phosphodiesterase, Springer, 1991, pp 565-570

34. Petkova D.H., Momchilova-Pankova A.B., Koumanov K.S.

Effect of liver plasma membrane fluidity on endogenous phospholipase A2 activity. *Biochimie*, 1987, 69, 1251-1255.

1. Farkas T, Roy R. - Comp. Bioch. B., 1989, 93, 217-222.
2. Lebel C.P., Schatz RA. - J. Pharm. Exp. 1990, 253, 1189-1197.
3. Nalbone H., A Grynberg, A Chevalier, J Leonardi - Lipids 1990, 25, 301-306.
4. Molochkina Y.M., Borovok NV, Burlakova EB - Biolog. memb. 1991, 8, 1146-1147.
5. Baciulis V., Luthy C, Hofer G, Toplak H, Wiesmann UN, Oetliker OH - Prostaglandins 1992, 43, 293-304.
7. Vernon L.P., Bell JD - Pharmacol. Therap. 1992, 54, 269-295.
8. Balsinde J. - BBA 1993, 1169,54-58.
9. Basavarajappa B.S., Saito M, Cooper TB, Hungund BL. – Alcohol Clin. Exp. Res. 1997, 21, 1199-1203.
10. Brailoiu E., Margineanu A, Miyamoto MD. - Biochem. Mol. Biol. Int. 1998, 44, 195-201.
11. Chi L., Yang Z., Li A. - Chinese J. Traumatol. 1999, 15, 121-123.
12. Chi L., Yang Z., Li A. - Chinese Crit. Care Med. 1999, No.1 1999.
13. Chi Luxiang, Yang Zongcheng, Wang Xu, Li Ao - Acta Academiae Medicinae militaris tertiae 1999 Vol.21, 75-77
14. 迟路湘 杨宗城 黎鳌 - Experimental Study on Myocardial Cellular Membrane Injury After Severe Burn in Rats 中华创伤杂志 1999年02期
15. 陈军 唐麇 常山 肖光夏 (Scholar google) – Chinese J. Pathophysiol. 2002, 18, 790-793.
16. Chen J., Xia P., Chang S., Xiao G. - Acta Acad. Med. Milit. Tert. 2002 Vol.24 No.3 P.271-273.
17. 刘维英 潘兴斌 刘昕 (Scholar google) – Pharmacol. Clin. Chinese Mat. Med. 2004, 20, 13-14
18. 吴杰 赵歌 (Scholar google) - J. Tianjin Inst. Phys. Educ. 2004, 19, 56-59.
19. Liu wei ying, Pan xing bin, Liu xin - Clinics of pharmacology sent immediately Materia Medica 2004, 20, No. 6, 13-14.
20. Sen S., K. Roy, S. Mukherjee, R. Mukhopadhyay, S. Roy – PLOS Patogens, 2011, published 08 Sep 2011 10.1371/journal.ppat.1002229
21. Merchant M., K. Juneau, J. Gemillion, R. Falconi, A. Doucet, M. H. Shirley - Biochem. Res. Int. 2011, 2011 Article ID 925012, doi:10.1155/2011/925012
22. Kate J., G Jared, F Rodolfo, D Aaron et al. - Bioch. Res. Int. 2011, ISSN 2090-2247
23. Chiou, Yi-Ling; Lin, Shinne-Ren; Hu, Wan-Ping - TOXICON 2014, 92, 113-122.

In Books

1. Rodney L. Biltonen, Thomas R. Heimburg, Brian K. Lathrop, John D. Bell - in: "Biochemistry, Molecular Biology, and Physiology of Phospholipase A₂ and Its Regulatory Factors", - "Molecular Aspects of Phospholipase A₂ Activation", Advances in Experimental Medicine and Biology Volume 279, 1990, pp 85-103
2. Wolf C., Quinn J.P. – in: Membrane Dynamics and Domains, Ed. P.J. Quinn, 2004, 317-358.
3. Larsson, K., Quinn, P., Sato, K., Tiberg, F. - Lipids: Structure, Physical Properties and Functionality, pp. 1-267. 2006

In Theses

1. Lenting H. - In: Characterization and regulatory aspects of mitochondrial phospholipase A₂, Thesis, Utrecht, 1988.
2. Van Schaik R.H.N. - In: Rat liver phospholipase A₂, Thesis, Utrecht, 1992, p.7-20
3. Hans Dannert – in: "Einfluss von Phosphatidylserin auf den durch Glycolipidtransferprotein katalysierten Gluco- und Galactocerebrosidtransfer zwischen Liposomen", Inaugural-Dissertation zur Erlangung des Doktorgrades der Medizin, Medizinischen Fakultät der Eberhard-Karls-Universität zu Tübingen, 2005.

In Catalogues

1. Brenda - Entry of phospholipase A₂ (EC-Number 3.1.1.4); PubMedID 3129030

35. Hinkovska V.T., Momchilova-Pankova A.B., Petkova D.H., Koumanov K.S.

Phospholipase A₂ activity in ram spermatozoa plasma membranes.

Int. J. Biochem. 1987, 19, 569-572.

2. Sidhu K.S., Guraya SS. - Int. Rev. Cyt. 1989, 118, 231-280.
3. Antaki P., Guerette P, Chapdelaine A, Roberts KD.- Biol. Reprod. 1989, 41, 241-246.
4. Anderson R.A., Johnson SK, Bielfeld P, Feathergill KA, Zaneveld LJ. - Mol. Reprod. Dev, 1990, 27, 305-325.
5. Parks J.E., Hough S, Elrod C - Biol. Reprod., 1990, 43, 806-811.
6. Harrison R.A., Vickers SE. - J. Reprod. Fert. 1990, 42, 51-67.
7. Shapiro BM, Cook S, Quest AF, Oberdorf J, Wothe D - J. Reprod. Fert., Suppl., 1989, 42: 3-8.
8. Roldan E.R., Mollinedo F - BBRC, 1991, 176, 294-300.
9. Ronkko S. - Astrophys. J. 1992, 387, 551-
10. Ronkko S. - Int. J. Andr. 1992, 15, 394-406.
11. Ronkko S. – Int. J. Andr. 1992, 15, 62-72.
12. Roldan E.R., Fragio C - Biochim. Biophys Acta 1993, 1168, 108-114
13. Roldan E.R., Harrison RA. - Biochem. Soc. T. 1993, 21, 284-289
14. Ronkko S. - Prostate 1993, 22, 265-276.
15. Augustin J.T. - Biol. Reprod. 1993, 49, 723-729.
16. Roldan E.R., Fragio C - J. Biol. Chem. 1993, 268, 13962-13970.
17. Nevalainen T.J., Meri KM, Niemi M - Andrologia 1993, 25, 355-358.
18. Manjunath P., Soubeyrand S, Chandonnet L, Roberts KD. - Biochem. J. 1994, 303, 121-128.
19. Roldan E.R., Frago C. - Biochem. J. 1994, 297,225-232.
20. Dyck M.K., Buchr M.M. - Can. J. Animal Sci. 1994, 74, 59-64.
21. Shalev J. - J. Reprod. Fert. 1994, 101, 405-413.
22. Ronkko S. - Comp. Biochem. Physiol. 1995, 110, 503-509.

23. Roldan E.R. – Front. Bioscience, 1998, 3, 1109-1119.
24. Douard V., Hermier D, Blesbois E – Biol. Reprod. 2000, 63, 1450-1456.
25. Girond M.N. – Hum. Reprod. 2000, 15, 2160-2164.
26. Green C.E., Watson P.F. – Reproduction 2001, 122, 889-898.
27. Visintin J.A., Martins J.F.P., Mello M.R.B., Nicacio A.C., Assumpcao M.E. – Theriogenology 2002, 57, 345-359.
28. Roldan, E.R.S., Shi, Q.X. - Frontiers in Bioscience 2007, 12, 89-104 .
29. Jaeger J.R., T. DelCurto – Theriogenology 2012, 78, 369-375.

In Books

1. Miller DJ. - The Interaction between Glycosaminoglycans and Sperm and its regulation by Seminal Plasma. 1989, 72p
2. Cell messengers at Fertilization:Proceedings of a Symposium of the British Society for Development Biology and the Society for the study of Fertility, University of Warwick, 1990, 264p
3. Gupta GS – in : Proteomics of Spermatogenesis, Ed. Gupta GS, Science, 2005, 539-554. Springer; ISBN; 978-0-387-25398-5 (Print); 978-0-387-27655-7 (Online)

In Theses

1. Lenting H. - In: Characterization and regulatory aspects of mitochondrial phospholipase A2, Thesis, Utrecht, 1988.
2. John R. Jaeger – in:” Quantities of Prostaglandins in Whole and Extended Bovine Semen and Their Potential Effect on Fertility Following Insemination”, A DISSERTATION for the degree of Doctor of Philosophy, submitted to Oregon State University, Presented November 14, 2005.

36. Petkova D.H., Momchilova A.B., Markovska T.T., Koumanov K.S. D-Galactosamine induced changes in rat liver plasma membranes lipid composition and some enzyme activities. *Int. J. Biochem. 1987, 19, 289-291.*

1. A. Meike Jonker A.M., F.W.J. Dijkhuis, F. G. M. Kroese, M. J. Hardonk, J. Grond – Hepatology 1990, 11, 622-627.
2. Dwivedi Y., Rastogi R, Garg NK, Dhawan BN. - Pharmacol. Tox. 1992, 71, 383-387.
3. Toussaint M.J.M. - Toxicology in Vitro 1994, 8, 1129-1135
4. Rudi, J., T. Schlenker, R. Raedsch, R. Waldherr, M. Zorn, W. Stremmel – Res. Exp. Med., 1995, 195,309-315
5. Yamamoto C., Mori S, Murakami K, Yoshino M - Comp. Biochem. 1995, 110, 83-87.
6. Nakajima M., Inoue T, Shimada N, Tokudome S, Yamamoto T, Kuroiwa Y – Drug Metab. Dispos. 1998, 26, 36-41.
7. Rotundo R.F., Vincent PA, McKeown-Longo PJ, Blumenstock FA, Saba TM. – Am. J. Physiol. 1999, 277, 1189G-1199G.
8. Bollard M.E., Xu J.S., Griffin J.L. Nicholson J.K. – Chem. Res. Toxicol. 2002, 15, 1351-1359.
9. Gonzalez E., S. van Liempd, J Conde-Vancells, V. Gutierrez-de Juan, M. Perez-Cormenzana, R. Mayo, A. Berisa, C. Alonso, C.A. Marquez, J. Barr, S.C. Lu, J.M. Mato, J.M. Falcon-Perez – Metabolomics 2012, 8, 997-1011.

10. 严桐, and 李佳川. "丹黄保肝颗粒保肝利胆研究." *中药药理与临床* 28.3 (2012): 87-88.(
Yan Tong, and Lijia Chuan "Dan Huang liver and gallbladder study." *Clinical Pharmacology and Therapeutics* 28.3 (2012): 87-88.)

In Books

1. Brockaert P.G., Libert C. - in: "Acute phase proteins", CRC Press, Tumor Necrosis Factor, 329-342, 1993.
2. Mackiew A., Kushner I., Baumann H. - in: "Acute Phase Proteins, Molecular Biology, Biochemistry and Clinical Applications" 1993, 704p.

In Catalogues

1. Brenda - Entry of sphingomyelin phosphodiesterase (EC-Number 3.1.4.12); PubMedID 3036613
2. 3.1.1.4 phospholipase A2 1206188

37. Petkova D.H., Momchilova-Pankova A.B., Markovska T.T., Koumanov K.S. Age-related changes in rat liver plasma membrane sphingomyelinase activity. *Exp. Gerontol.*, 1988, 23, 19-24.

1. Zlatanov I., Foley M, Birmingham J, Garland PB.- *Int. J. Biochem.*, 1989, 21, 1269-1274.
2. Merrill A.H.Jr., Jones D.D. - *Biochim. Biophys. Acta* 1990, 1044, 1-12.
3. Merrill A.H. - *Nutr. Rev.* 1992, 50, 78-80
4. Merrill A.H., Hannun YA, Bell RM. - *Adv. Lipid Res.* 1993, 25, 1-24
5. Nadiv O., Shinitzky M, Manu H, Hecht D, Roberts CT Jr, LeRoith D, Zick Y.- *Biochem. J.* 1994,298,443-450.
6. Longo C.A., Tyler D, Mallampalli RK.- *Am.J. Resp. Cell Mol.* 1997, 16, 605-612.
7. Liu B., LM Obeid, YA Hannun- *Semin. Cell Dev. Biol.* 1997, 8, 311-322.
8. Ortu G., Rivabene R, Cantafora A, Bravo E.- *P. Soc. Exp. Biol. Med.* 1997, 216, 44-51.
9. Venable M.E., Obeid LM - *BBA* 1999, 1439, 291-298.
10. Lightle S.A., Oakley JI. - *Mech. Ageing Dev.* 2000, 120, 111-125.
11. Claycombe K.J. Wu D, Karakashian M, Palmer H, Beharka A, Paulson KE, Meydani SN. - *J. Biol. Chem.* 2002, 277, 30784-30791.
12. Meydani, S.N., Han, S.N. , Wu, D. - *Immunological Reviews* 2005, 205, 269-284.
13. Bello, R.I., Gómez-Díaz, C., Burón, M.I., Alcaín, F.J., Navas, P., Villalba, J.M. - *Exp. Gerontol.* 2005, 40, 694-706.
14. Navas P., J.M. Villalba, G. Lenaz - *Age* 2005, 27: 139-146.
15. Wu, Dayong. - *Immunosenescence* 2005, 205, 269-284.
16. Bello, R.I., Gómez-Díaz, C., Burón, M.I., Navas, P., Villalba, J.M. - *Exp. Gerontol.* 2006, 41, 1174-1184.
17. Rutkute K., Reto H.R. Asmis, and Mariana N. Nikolova-Karakashian - *J. Lipid Res.*, 2007, 48, 2443-2452.
18. Rutkute K., Karakashian A.A., Gilyay N.V. Dobierzewska A., Nikolova-Karakashian M. - *Hepatology* 2007, 46, 1166-1176.
19. Sackett SJ, Chung HY, Okajima F, Im DS - *Acta Pharmacol. Sinica* 2009, 30, 1454-1461.
20. Lopez-Lluch G., J. C. Rodríguez-Aguilera, C. Santos-Ocana, P. Navas - *Mech. Ageing Develop.* 131 (2010) 225-235.

21. Zabielski P., M. Baranowski, A. Błachnio-Zabielska, M. Zendzian-Piotrowska, J. Górski - Prostaglandins & Other Lipid Mediators 2010, 93, 75-83.
22. Gonzalez-Covarrubias V., M. Beekman, Hae-Won Uh, A. Dane, J. Troost, I. Paliukhovich, F. M. van der Kloet, J. Houwing-Duistermaat, R. J. Vreeken, T. Hankemeier, P. E. Slagboom - Aging Cell 2013, 12, 426-434.

In Books

1. Shmeeda H.R. - "Membrane lipids in ageing" in: Handbook of Biomembranes, vol.2, (Shinitzky M. ed.), Balaban Publisher, 1992.
2. Shmeeda, Hilary R., Elisabeth B. Golden, and Yechexkel Barenholz. in: "Membrane lipids and aging." Biomembranes: Structural and Functional Aspects (1994): 1-82
DOI: 10.1002/9783527616114.ch1
3. Joanna Y. Lee, Lina M. Obeid - in: "Sphingolipid-Mediated Signal Transduction", Chapter 5: "Ceramide, Aging and Cellular Senescence", Molecular Biology Intelligence Unit 1997, pp 61-75
4. Hannun Y. - in: "Sphingolipid-mediated signal transduction". Chapman & Hall, Medical, 1997, 74p.
5. Mariana Nikolova-Karakashian, Alexander Karakashian, Kristina Rutkute - in: "Lipids in Health and Disease", - "Role of Neutral Sphingomyelinases in Aging and Inflammation", Subcellular Biochemistry Volume 49, 2008, pp 469-486
6. Guillermo Lopez-Lluch G., E. Rodriguez Biez, T. B. Thanh - in: "Aging metabolism and antioxidants regulation", Universidad Pablo de Olavide, Vietnam National University, Hanoi, 2017. (Project)

In Theses

1. Zlatanov I. - Disertacia, Sofia, 1989.

In Catalogues

1. Brenda - Entry of transaldolase (EC-Number 2.2.1.2); PubMedID 15629118
2. Brenda - Entry of sphingomyelin phosphodiesterase (EC-Number 3.1.4.12); PubMedID 2838314

38. Hinkovska V., Peeva D., Momchilova-Pankova A., Petkova D., Koumanov K.
PC and PE derivatives, membrane fluidity and changes in lipolytic activity of ram spermatozoa plasma membranes.
Int. J. Biochem., 1988, 20, 867-871.

1. Coene J., Ngimbi NP, Mulumba MP, Wery M. – Anal. Chem. Acta 1989, 227, 303-308.
2. Nishimura K. – Biol. Reprod. 1993, 49, 357-343.
3. Windsor DP, White IG – Anim. Reprod. Sci. 1995, 40, 43-58.
4. Salamon S., W.M.C Maxwell – Anim. Reprod. Sci., 1995, 38, 21–36.
5. Müller K., T Pomorski, P Muller, A Herrmann – J. Cell Sci 1999, 112, 11-20.
6. Gnananath K., K. S. Nataraj, B.G. Rao - Adv Pharm Bull 2017, 7, 35-42.

In Books

1. Penfold L.M., Watson P.F. – in: Cryobanking the Genetic Resource, Eds. P. Watson, B. Holt and W.V. Holt, 2001, 279-316.

2. Julie A. Long, Jianan Liu – in: “The Relationship Between Sperm Function and Diet: Toms are What They Eat”, Animal Biosciences and Biotechnology Laboratory
Beltsville Agricultural Research Center Agricultural Research Service, USDA
Beltsville, MD 20705, 2016.

In Theses

1. Ilieva A.T. - Disertacia, Sofia, 1990.
2. L. T. Martins - ADIÇÃO DE PLASMA SEMINAL HETERÓLOGO COMO ESTRATÉGIA PARA AUMENTAR A FERTILIDADE DO SÊMEN OVINO CONGELADO; UNIVERSIDADE DO ESTADO DE SANTA CATARINA - LAGES – SC 2009

39. Koumanov K.S., Momchilova-Pankova, A.B.

Effect of lipid environment on membrane phospholipase A2 activity. *Biomembranes and Nutrition*, C.L. Leger. G. Bereziat Eds., Colloque INSERM, Vol. 195, 1989, pp. 229-238.

1. Rock E., Mammam MS, Vignon X, Thomas MA, Viret J.- Arch. Biochem. Biophys. 1990, 281, 36-40.
2. Christon R. - Reprod. Nut. 1991, 31, 691-698
3. Loo G. - J. Nutr. Biochem. 1991, 2, 594-602

In Books

1. Bereziat G. - In: Biomembranes and Nutrition, C.L. Leger, G. Bereziat Eds., Colloque INSERM, Vol. 195, 1989, p.463.
2. Claude Wolf, Peter J Quinn -Sub-cellular biochemistry 02/2004; 37:317-57. DOI:10.1007/978-1-4757-5806-1

40. Hinkovska V., Petkova D.H., Koumanov K.

Changes in the phospholipid composition and phospholipid asymmetry of ram spermatozoa plasma membranes during cryoconservation. *Cryobiology*, 1989, 26, 70-75

1. Hammerstedt R.H., Graham JK, Nolan JP - J. Andrology 1990, 11, 73-81.
2. Deleeuw F.E. - Cryobiology 1990, 27, 171-178.
3. Harrison R.A., Vickers SE. - J. Repr. Fert. 1990, 51, 343-352
4. Roldan E.R., Mollinedo F - Biochem. Biophys. Res. Commun. 1991, 176, 294-300
5. Supernovich C., Crain R, Rosenberg P. - J. Neurochem. 1991, 57, 575-
6. Bailey J.L., Buhr M.M. – Cryobiology 1993, 30, 470-481.
7. Müller K. - Biochemistry 1994, 33, 9968-9974.
8. Bailey J.L., Storey BT. – Can. J. Anim. Sci. 1994, 74, 53-58.
9. Watson P.F. – Reprod. Fert. Develop. 1995, 7, 871-891.
10. Royere D., Barthelemy C, Hamamah S, Lansac J – Hum. Reprod. Update 1996, 2, 553-559
11. Hamamah S., Grizard G., Lanson M., Sion B., Barriere P. - Andrologie 1996, 6, 141-149.
12. Ito, M., Abe, S.-I., Sekizawa, Y., Kobayashi, H. – Biomed. Res.-Tokyo 1997, 18, 399-404.
13. Müller K., T Pomorski, P Muller, A Herrmann – J. Cell Sci. 1999, 112, 11-20.
14. Lambrechts H., van Niekerk FE, Cloete SW, Coetzer WA, van der Horst G.– Reprod. Fert. Dev.2000, 12, 337-344.
15. Oehninger S., Duru NK, Srisombut C, Morshedi M.– Mol. Cell Endocrinol. 2000, 169, 3-10

16. Giraud M.N., Motta C, Boucher D, Grizard G – *Hum. Reprod.* 2000, 15, 2160-2164.
17. Grizard G., Sion B, Bauchart D, Boucher D.- *J Chromatog. B* 2000, 740, 101-107.
18. Bailey J.L., Bilodeau JF, Cormier N. - *J Androl.* 2000, 21, 1-7.
19. H. LambrechtsAD, F. E. van NiekerkA, S. W. P. CloeteB, W. A. CoetzerA and G. van der Horst - *Reprod. Fertil. Dev.*, 2000, 12, 337–344.
20. He L., J.L. Bailey, M.M. Buhr - *Biol. Reprod.* 2001, 64, 69-79.
- 21.. Schuffner A., M. Morshedi, S. Oehninger – *Hum. Reprod.* 2001, 16, 2148-2153.
22. Green C.E., Watson P.F. – *Reproduction* 2001, 122, 889-898.
23. Duru N.K., Morshedi MS, Schuffner A, Oehninger S.- *J Androl.* 2001, 22, 646-651.
24. Visintin J.A., Martins JF, Bevilacqua EM, Mello MR, Nicacio AC, Assumpcao ME – *Theriogenology* 2002, 57, 345-359.
25. Ran S., Thorpe P.E. – *Int. J. Radiat. Oncol. Biol. Phys.* 2002, 54, 1479-1484.
26. Ran S., Downes A., Thorpe P.E. – *Cancer Res.* 2002, 62, 6132-6140.
27. Cormier N., Bailey J.L. – *Biol. Reprod.*, 2003, 69, 177-185.
28. Ran, S., He, J., Huang, X., Soares, M., Scothorn, D., Thorpe, P.E. – *Clin.Cancer Res.* 2005, 11, 1551-1562.
29. Purdy, P.H., Fox, M.H., Graham, J.K. - *Cryobiology* 2005, 51, 102-112
30. Grunewald, S., Paasch, U., Said, T.M., Rasch, M., Agarwal, A., Glander, H.-J. - *Cell and Tissue Banking* 2006, 7, 99-104.
31. Chakrabarty, J., Banerjee, D., Pal, D., De, J., Ghosh, A., Majumder, G.C. - *Cryobiology* 2007, 54, 27-35.
32. Marconescu, A., Thorpe, P.E. - *Biochimica et Biophysica Acta - Biomembranes* 2008, 1778, 2217-2224.
33. Bucak, M.N., Tuncer, P.B., Sariozkan, S., Ulutas, P.A. - *Small Ruminant Research* 2009, 81, 13-17.
34. Tsuribe, P.M., Gobbo, C.A.M., Alvarenga, F.D.C.L. - *Jornal Brasileiro de Reproducao Assistida* 2009, 13, 9-13.
35. Peláez J., D. C. Bongalhardo, J. A. Long - *Poult Sci* 2011. 90:435-443.
36. Singh, V.K., Atreja, S.K., Kumar, R., Chhillar, S., Singh, A.K. – *Reprod. Domestic Anim.* 2012, 47, 584-590.
37. ÜSTÜNER B., S. ALÇAY, Z. NUR, H. SAĞIRKAYA, M. K. SOYLU - *Kafkas Univ Vet Fak Derg*, 2014, 20, 393-398.
38. Ustumer B., Alçay S., Toker B., Soyly A.K. - *Anim. Reprod. Sci.* 2016, 164, 97-104
39. Layek SS, TK Mohanty, A Kumaresan, JE Parks - 2016, *Animal Reproduction Science* 2016, 172, 1-9
40. Mehdipour M., H.D. Kia, A. Najafi, H.V. Dodaran, O. García-Álvarez, - *Cryobiology* 2016, 73:297-303.
41. Souza H. M., Arruda L. C.P., Monteiro M. M., Nery I. H.A.V., Araújo S. Robespierre A.J., Batista A. M., Guerra M. M. Pessoa. - *Biopreservation and Biobanking.* 2016, ahead of print. doi:10.1089/bio.2016.0049.
42. WANG X.-F., S.-F. JiANG, W.-B. ZHANG , L.-Y. ZHANG, Y. LIU, X.-Y. DU, J. ZHANG, H.-Q. SHEN - *Chinese J. Analyt. Chem.* 2017, 45, 633–640

In Books

1. Pasqualotto F.F., Pasqualotto E.B. – in: *Advanced Methods and Novel Devices*, Ed. Borges Jr. Ashok Agrawall, 2012, pp. 493-506.

2. Ashok Agarwal - in: Practical Manual of In Vitro Fertilization , Publisher: Springer, Editor: Zsolt Peter Nagy, Alex C. Varghese and Ashok Agarwal, 2014.
3. Pasqualotto FF., E. B. Pasqualotto, E. Borges Jr., A. Agarwal - "Sperm Cryopreservation" in: Practical Manual of In Vitro Fertilization, Springer New York, 493-507, 2012
4. AWDA, Basim J. Reactive Oxygen Species and Their Effects on Boar Spermatozoa Function, Tyrosine Phosphorylation and MAPK Signaling. ProQuest, 2009. Copyright © 1999-2014 John Wiley & Sons, Inc. All Rights Reserved
5. BECK, Adam W.; BREKKEN, Rolf A.; THORPE, Philip E. - Targeting Inside - Out Phospholipids on Tumor Blood Vessels in Pancreatic Cancer. Vascular-Targeted Therapies in Oncology, 2006, 179-194.

In Theses

1. Iliewa A.T. - Disertacia, Sofia, 1990.
2. Kasamanickam V. - in: "Adding exogenous lipids into boar spermatozoa alters their functions", Thesis, The University of Guelph, 2000.
3. Marc Jennewein – in: "Production, Radiochemical Separation and Chemical Coupling of radioactive Arsenic Isotopes to Synthesize Radiopharmaceuticals for Molecular Imaging", Dissertation zur Erlangung des Grades „Doktor der Naturwissenschaften“ am Fachbereich Chemie und Pharmazie der Johannes Gutenberg-Universität in Mainz, 2005.
4. Ivan Bianchi – in: "Congelamento de sêmen suíno: estudo de crioprotetores intra e extracelulares, metodologias de congelamento e marcador molecular de congelabilidade" ; Tese apresentada ao Programa de Pós-Graduação em Biotecnologia Agrícola da Universidade Federal de Pelotas, como requisito parcial à obtenção do título de Doutor em Ciências; Pelotas, 2007
5. Salla Cardoso P.B. – in: "Metodo de extacao para determinacao do perfil lipidico do semen ovino atraves do HPLC", Faculdade de Medicina Veterinaria e Zootecnia da Universidade de Sao Paolo, Sao Paolo 2009.
6. FARKIWALA, Ruchir. GRADUATE SCHOOL APPROVAL RECORD. 2009. "An evaluation of different cationic lipids on uptake of liposomes by endothelial cells and Influence of the lipid type on binding to albumin plasma protein:" PhD Thesis. NORTHEASTERN UNIVERSITY BOSTON.
7. Marconescu, Andrei. - "Targeting Nanoparticles to tumor vasculature." Texas Univ., 2014

Patents that cite:

1. CONSTRUCTS BINDING TO PHOSPHATIDYLSERINE AND THEIR USE IN DISEASE TREATMENT
THORPE PHILIP E (US); LUSTER TROY A (US); KING STEVEN W (US)
Applicant:UNIV TEXAS (US); PEREGRINE PHARMACEUTICALS INC (US)
Publication number:WO2006079120 - Publication date:2006-07-27
2. SELECTED ANTIBODIES AND DURAMYCIN PEPTIDES BINDING TO ANIONIC PHOSPHOLIPIDS AND AMINOPHOSPHOLIPIDS AND THEIR USE IN TREATING VIRAL INFECTIONS AND CANCER
THORPE PHILIP E (US); SOARES MELINA M (US); HUANG XIANMING (US); HE JIN (US); RAN SOPHIA (US) Applicant:UNIV TEXAS (US);
Publication number:WO2004006847 Publication date:2004-01-22
3. Combined cancer treatment methods using selected antibodies to aminophospholipids

Thorpe, Philip E.; (Dallas, TX) ; Huang, Xianming; (Dallas, TX) ; Ran, Sophia; (Riverton, IL)

United States Patent Application 20050031620 February 10, 2005

4. Anti-viral treatment methods using phosphatidylethanolamine-binding peptides linked to anti-viral agents
Thorpe, Philip E. / Soares, M. Melina / He, Jin
United States Patent 20050025761 2005
5. Liposomes coated with selected antibodies that bind to aminophospholipids
Thorpe, Philip E. / Huang, Xianming / Ran, Sophia, *UNITED STATES PATENT AND TRADEMARK*
United States Patent 20040265367 December 30, 2004
6. Selected immunoconjugates for binding to aminophospholipids
Inventors: Thorpe, Philip E.; (Dallas, TX) ; Ran, Sophia; (Riverton, IL)
United States Patent 20040219155 November 4, 2004
7. Compositions for treating viral infections using immunoconjugates to aminophospholipids
Thorpe, Philip E.; (Dallas, TX) ; Soares, M. Melina; (Richardson, TX) ; Ran, Sophia; (Riverton, IL)
United States Patent 20040161429 August 19, 2004
8. Compositions comprising cell-impermeant duramycin derivatives
Thorpe, Philip E.; (Dallas, TX) ; He, Jin; (Dallas, TX)
United States Patent 20040147440 July 29, 2004
9. Methods for treating viral infections using antibodies to aminophospholipids
Thorpe, Philip E.; (Dallas, TX) ; Soares, M. Melina; (Richardson, TX) ; Ran, Sophia; (Riverton, IL)
United States Patent 20040131610 July 8, 2004
10. Combinations and kits for treating viral infections using antibodies to aminophospholipids
Thorpe, Philip E.; (Dallas, TX) ; Soares, M. Melina; (Richardson, TX) ; Ran, Sophia; (
United States Patent 20040131621 July 8, 2004
11. Combinations and kits for treating viral infections using immunoconjugates to aminophospholipids
Thorpe, Philip E.; (Dallas, TX) ; Soares, M. Melina; (Richardson, TX) ; Ran, Sophia
United States Patent Application 20040131622 July 8, 2004
12. THORPE, Philip E.; RAN, Sophia. *Selected antibody compositions for binding to aminophospholipids*. U.S. Patent No 7,572,442, 2009.

41. Markovska T.T., Petkova D.H., Momchilova-Pankova A.B., Koumanov K.S.

Age related changes in rat liver phospholipid transfer activity.

Exp. Gerontol., 1990, 25, 55-60

1. Yegutkin G.G., Sambursky SS, Zhitkovitch AV, Gatsko GG. - Mech. Age D., 1991, 59, 1-16.
2. Bravo E., Rivabene R, Bruscalupi G, Calcabrini A, Arancia G, Cantafora A. - J. Biochem. 1996, 119, 240-245.
3. Ortu G., Rivabene R, Cantafora A, Bravo E.– Proc. Soc. Exp. Biol. Med. 1997, 216, 44-51.
4. Gaillard D., L. A. Barlow – Genesis 2011, 49, 295-306.

In Books

1. Shmeeda H.R. - "Membrane lipids and ageing" in "Handbook of Biomembranes", v.2 (Shintzky M. ed.), Balabau Publisher 1992.
2. Smeeda H.R., Golden E.B., Barenholz Y. – “Membrane lipids and aging” 1-82; in: “Biomembranes: Structural and Functional Aspects”, Ed. M. Shinitzky, VCH, 2008.

42. Momchilova-Pankova A.B., Markovska T.T., Koumanov K.S.

Acyl-CoA:1-acyl-glycero-3-phosphoethanolamine O-acyltransferase and liver plasma membrane fluidity.

Biochimie 1990, 72, 863-866.

1. Arduini A., Mancinelli G, Radatti GL, Dottori S, Molajoni F, Ramsay RR.- J. Biol. Chem. 1992, 267, 12673-12681.
2. Alberghina M., Lupo G, Anfuso CD, el Ghonemy SH –Neurochem. Int. 1993, 23, 229-237.
3. Arduini, A., Dottori, S., Sciarroni, A. F., Corsico, N., Morabito, E., Arrigoni-Martelli, E., & Calvani, M. (1995). Molecular and cellular biochemistry, 152(1), 31-37.
4. Choy P. C., Tran K, Hatch GM, Kroeger EA. – Prog. Lipid Res. 1997, 36, 85-101.
5. Dolinsky V.W., Hatch GM. – BBA 1998, 1391, 241-246.
6. Hatch, G.M., P.C. Choy. - Adv. Mol. Cell Biol., 2004, 33, 357-386.

In Books

1. Current Advances in Protein Biochemistry, Pergamon Press, 10, issues 7-12, 1993, 1015p.
2. Van der Vusse G. - in: Advances in Molecular and Cell Biology, Lipobiology, Gulf Professional Publishing, 2004, 620
3. Chanussot F. - in: Lecithine, Metabolisme et nutrition.Lavoisier, 2008, 35p.

In Catalogues

1. Brenda - Entry of triacylglycerol lipase (EC-Number 3.1.1.3); PubMedID 2095921
2. Amenda 1.14.19.5 DELTA11-fatty-acid desaturase 1663905

43. Koumanov K.S., Momchilova-Pankova A.B., Wang S.R., Infante R.

Membrane phospholipid composition, fluidity and phospholipase A2 activity in human hepatoma cell line HepG2.

Int. J. Biochem. 1990, 22, 1453-1455.

1. Palmina N.P., Bogdanova NG, Maltzeva EL, Pynzar EI - Biol. Memb. 1992, 9, 810-820.
2. M. Snoj - Medical Hypotheses 1995, 44, 392-394
3. Muller P., Pomorski T, Porwoli S, Tauber R, Herrmann A. - Hepatology 1996, 24, 1497-1503.
4. Crawford J.M. - Seminars in liver disease 1996, 16, 169-189.
5. Bao Y.P. – J. Lipid Res. 1996, 37, 2351-2360.
6. Palmina, N.P., Pynzar, E.I., Kurnakova, N.V., Burlakova, E.B. – Biol. Membrany 1997, 14, 376-384.
7. Takahashi T., Sato K., Akiba Y. - Anim Sci J 1999, 70, 118-123.
8. Tani H., Nishijima M, Ushijima H, Miyamura T, Matsuura Y.– Virology 2001, 279, 343-353.
9. Hendrich AB, Michalak K – Curr. Drug Targets 2003, 4, 23-30.
10. Sirk TW., Brown EF., Sum AK., Friedman M. – J. Agr. Food Chem. 2008, 56, 7750-7758.
11. Sirk TW., Friedman M., Brown EF. – J. Agr. Food Chem. 2011, 59, 3780-3787.

12. Chiou Y.-L., S.-R. Lin, W.-P. Hu, L.-S. Chang - *Toxicol* 2014, 92, 113-122 .
13. Quach, D., Vitali, C., La, F.M., Xiao, A.X., Millar, J.S., Tang, C., Rader, D.J., Phillips, M.C., Lyssenko, N.N. - *Biochimica et Biophysica Acta - Molecular and Cell Biology of Lipids* 2016, 1861, 1968-1979.
14. Wei Zhu, Le Xiong, Jinming Peng, Xiangyi Deng, Jun Gao, Chun-mei Li - *Scientific Reports* 2016, 6, Article number: 37680, doi:10.1038/srep37680

In Catalogues

1. Brenda - Entry of phospholipase A2 (EC-Number 3.1.1.4); PubMedID 2177402
- 44. Petkova D.H., Nikolova M.N., Momchilova-Pankova A.B., Koumanov K.S.**
Insulin effect on the phospholipid organization and some enzyme activities of rat liver membrane fractions.
Comp. Biochem. Physiol. 1990, 95B, 685-689.
1. Keelan M., Doring K, Tavernini M, Wierzbicki E, Clandinin MT, Thomson AB.- *Lipids* 1994, 29, 851-858.
2. Feuer G., Dhami MS, de la Iglesia FA.- *Exp. and Toxicol. Pathol.* 1994, 46, 169-176.
3. Farese R.V. - *Proc. Soc. Exp. Biol. Med.* 1996, 213, 1-12.
4. Merrill A.H. - *J. Lipid Res.* 1997, 38, 1764-1770.
5. Rakowska M., Jasinska R, Lenart J, Komanska I, Makowski P, Dygas A, Pikula S.- *Mol. Cell. Biochem.* 1997, 168, 163-176.
6. Makowski P., Szewczyk A, Jasinska R, Pikula S.– *FEBS Lett.* 1997, 409, 292-296.
7. Liu B., Lin Y, Yin H. – *J. Biol. Chem.* 1998, 273, 34472-34479.
8. Laffer C. L., M. Laniado-Schwartzman; A. Nasjletti; F. Eljovich - *Hypertension.* 2004;43:388-392.
9. Pasquaré, S.J., Salvador, G.A., Giusto, N.M. – *Comp. Biochem. Physiol. - B* 2006, 144, 311-318.

In Books:

1. Farese, Robert V. "Diabetes Mellitus: A Fundamental and Clinical Text 3rd Edition." 2000 (Google scholar)
2. Le Roith D., Taylor S., Olefsky J. A fundamental and Clinical Text, L. Williams& Wilkins, 2004, 1540.

In Catalogues

1. Brenda - Entry of sphingomyelin phosphodiesterase (EC-Number 3.1.4.12); PubMedID 2160876
2. Brenda - 3.1.1.4 phospholipase A2 1205991
- 45. Petkova D.H., Nikolova M.N., Koshlukova S.E., Koumanov K.S.**
Effect of age-dependent or liposome-induced alterations in the phospholipid composition on SM-synthesis in rat liver microsomal and plasma membranes.
Int. J. Biochem. 1991, 23, 689-693.
1. Dinur T., Schuchman EH, Fibach E, Dagan A, Suchi M, Desnick RJ, Gatt S. - *Hum. Gene Th.* 1992, 3, 633
2. Maurice A., Malgat M - *Int. J. Biochem.* 1993, 25, 1183-1187

- Vered A., Eugenio M, Arie D, Augusto P, Sergio M, Shimon G. - Clin. Chem. Acta 1993, 21, 139-147
- Chevalier G., Ricard AC, Manca D - Toxicol. and Industrial Healt 1994, 10 43-51
- Snoj M – Med. Hypotheses 1995, 44, 392-394.
- de Catabbi S.C.B., Aldonatti C, de Viale LC – Toxicology 2000, 149, 89-100.
- Karakashian M. - Method Enzymol. 2000, 311, 31-42.

In Books

- Shmeeda H.R. - "Membrane lipids and ageing" in "Handbook of Biomembranes", v.2 (Shintzky M. ed.), Balabau Publisher 1992.
- Shmeeda H.R., Golden E.B., Barenholz Y. – “Membrane lipids and aging” 1-82; in: “Biomembranes: Structural and Functional Aspects”, Ed. M. Shinitzky, VCH, 2008.

46. Momchilova-Pankova, A.B., Markovska T.T., Koshlukova S.E., Koumanov K.S. Phospholipid dependence of phospholipase C in rat liver plasma membranes *J. Lipid Mediators 1991, 3, 215-223.*

- Nikolas M.R. - Biochem., Cell Biol. 1992, 70- 613-
- Cserhati T. Szogyi, M - Int. J. Biochem. 1993R, 25, 123-146.
- Joo F., Chevy F, Colard O – BBA 1993, 1149, 231-240.

In Books

- Enzyme Handbook 11 – in: “Class 2.1 - 2.3 Transferases”, Eds. D. Schomburg and D. Stephan, 1996, p. 8.
- Schomburg, D., D. Stephan. "1-Acylglycerophosphocholine O-acyltransferase." *Enzyme Handbook 11*. Springer Berlin Heidelberg, 1996. 719-726.
- Hazel J.R. – Thermal adaptation in membranes, in: Thermobiology (Adv. Mol. Cell Biol., vol. 19,1997); J.S. Willis ed.
- A. Chang, D. Schomburg, I. Schomburg - Class 2 Transferases II: EC 2.1.2.1 - 2.3.1.59 (Springer Handbook of Enzymes), Springer, p. 456-, 2006
- Chanussot F. Lecithine, Metabolisme et nutrition.Lavoisier, 2008, p.35

In Theses

- Petkova D.H. – in: “Функционална роля на мембранните фосфолипиди и някои техни приложения”, Докторска дисертация, София 2008.

In Catalogues

- Brenda - Entry of phospholipase C (EC-Number 3.1.4.3); PubMedID 1797153
- Amenda - 3.1.4.11 phosphoinositide phospholipase C 826041

47. Momchilova-Pankova A.B., Markovska T.T., Koshlukova S.E., Koumanov K.S. Phospholipid modifications influence acyl-CoA:acyl-glycero-3-phosphocholine O-acyltransferase in rat liver plasma membranes. *Biochem. Cell Biol. 1991, 69, 643-648.*

- Cserhati T., Szogyi, M - Int. J. Biochem. 1993, 25, 123-146.

In Books

1. Enzyme Handbook 11 – in: “Class 2.1 - 2.3 Transferases”, Eds. D. Schomburg and D. Stephan, 1996, p. 8.
2. Schomburg, D., D. Stephan. "1-Acylglycerophosphocholine O-acyltransferase." *Enzyme Handbook 11*. Springer Berlin Heidelberg, 1996. 719-726.
3. Hazel J.R. – Thermal adaptation in membranes, in: Thermobiology (Adv. Mol. Cell Biol., vol. 19,1997); J.S. Willis ed.
4. A. Chang, D. Schomburg, I. Schomburg - Class 2 Transferases II: EC 2.1.2.1 - 2.3.1.59 (Springer Handbook of Enzymes), Springer, p. 456-, 2006
5. Chanussot F. Lecithine, Metabolisme et nutrition.Lavoisier, 2008, p.35

In Theses

1. Petkova D.H. – in: “Функционална роля на мембранните фосфолипиди и някои техни приложения”, Докторска дисертация, София 2008.

In Catalogues

1. Brenda - Entry of 1-acylglycerophosphocholine O-acyltransferase (EC-Number 2.3.1.23)
2. Brenda - Entry of triacylglycerol lipase (EC-Number 3.1.1.3): PubMedID 1793566

48. Nikolova-Karakashian M.N., Petkova D.H., Koumanov K.S.

Influence of cholesterol on sphingomyelin metabolism and hemileaflet fluidity of rat liver plasma membranes.

Biochimie 1992, 74, 153-159.

1. Merrill A.H., Schroeder J.J. - Ann. Rev. Nutrition, 1993, 13, 539-559.
2. Merrill A.H., Hannun YA, Bell RM - Adv. Lipid Res. 1993, 25, 1-24.
3. Geelen MJ, Tijburg LB, Bouma CJ, Beynen AC. - J Nutr. 1995, 125, 2294-300.
4. Bladergroen B.A., Beynen AC, Geelen MJ – J. Nutr. 1999, 129, 628-633.
5. Vesper H., Schmelz EM, Dillehay DL, Lynch DV, Merrill AH Jr. et al. – J. Nutr. 1999, 129, 1239-1250.
6. Wyss M., Kaddurah-Daouk R – Physiol. Rev. 2000, 80, 1107-1213.
7. Pankov R., T. Markovska, R. Hazarosova, P. Antonov, L. Ivanova, A. Momchilova – Arch. Biochem. Biophys. 2005, 442, 160-168.
8. Ichi, I., Nakahara, K., Kiso, K., Kojo, S. - Nutrition 2007, 23, 570-574.
9. Liu, Y., Flores, D., Carrisoza-Gaytán, R., Rohatgi, R. - Am. J. Physiol. - Renal Physiology 2015, 308, F1229-F1237

In Catalogues

1. Brenda - 3.1.4.12 sphingomyelin phosphodiesterase 1237792

49. Nikolova M., Petkova D. and Koumanov K.

Influence of phospholipid environment on the phosphatidylethanolamine: ceramide-phosphoethanolamine transferase activities in rat liver plasma membranes.

Int. J. Biochem. 1992, 24, 447-453.

1. Zlatanov I., Maltzeva E, Borovok N, Spassov V - Int. J. Biochem. 1993, 25, 971-977.
2. Cserhati T., Szogyi, M - Int.J.Biochem. 1993, 25, 971-

3. de Catabbi S.C.B., Aldonatti C, de Viale LC.– Toxicology 2000, 149, 89-100.

In Catalogues

1. Frenda - 3.1.1.4 phospholipase A2 1205768
2. Amenda - 3.1.4.3 phospholipase C 1205768
3. Amenda - 3.1.4.4 phospholipase D 1205768

50. Gavrilova N.J., Markovska T.T., Momchilova-Pankova A.B., Setchenska M.S., Koumanov K.S.

Phospholipid-dependence of rat liver plasma membrane protein kinase activities - A new approach.

Biochim. Biophys. Acta 1992, 1105, 328-332.

1. Thalhammer, T., R. Kaschnitz, K. Mittermayer, P. Haddad, J. Graf - Biochemical Pharmacology 1993, 46, 1207–1215
2. Cserhati T., Szogyi, M - Int. J. Biochem. 1994, 26, 1-18.
3. Li Y.D., Patel JM, Block ER - FEBS Lett. 1996, 389, 131-135.
4. Shin O.H., Mar MH, Albright CD, Citarella MT, da Costa KA, Zeisel SH – J. Cell Biochem. 1997, 64, 196-208.
5. Lanson M., Besson P, Bougnoux P. – J. Lipid Mediat. Cell Signal. 1997, 16, 189-197.
6. Murray N.R. and Fields A.P. - J. Biol. Chem. 1998, 273, 11514-11520
7. Borovski P. – Biol. Chem. 1999, 380, 403-412.
8. Ho C., Slater SJ, Stagliano B, Stubbs CD – Biochemistry 2001, 40, 10334-10341.

In Books

1. In: Current opinion in Gastroenterology, Ed. R.M. Donaldson, Jr. (USA) May, 1993

In Theses

1. Petkova D.H. – in: “Функционална роля на мембранните фосфолипиди и някои техни приложения”, Докторска дисертация, София 2008.

In Catalogues

1. Brenda - Entry of protein- kinase (EC-Number 2.7.1.37); PubMedID 1586669
2. Amenda- 2.7.11.1 non-specific serine/threonine protein kinase 1427439

51. Koshlukova S.E., Momchilova-Pankova A.B., Markovska T.T., Koumanov K.S.

Phospholipid dependence of rat liver microsomal acyl:CoA synthetase and acyl-CoA:1-acyl-sn-glycerol-3-phosphocholine O-acyltransferase

J.Membrane Biol. 1992, 127, 113-119.

1. Cserhati, T. and Szogyi, M. - Int. J. Biochem. 1994, 26, 1-18.
2. Alberghina M., Lupo G, Anfuso CD, el Ghonemy SH - Neurochem. Int. 1995, 26, 477-487.
3. Lombard, MN ., Izzo, AA., Benhaddi, M ., Natour, J., Benveniste, J. - Cell Prolif. 1996, 29, 33-41.
4. McKeone B.J., Osmundsen K, Brauchi D, Pao Q, Payton-Ross C, Kilinc C, Kummerow FA, Pownall HJ. – J. Lipid Res. 1997, 38, 429-436.
5. Watkins P.A. – Prog. Lipid Res. 1997, 36, 55-83.

6. Mullins D.W.; Alleva D.G.; J. Burger C.; Elgert K.D.; Watkins P.A. – Progr. Lipid Res. 1997, 36, 55-83.
7. Kerkhoff C., Habben K, Gehring L, Resch K, Kaefer V. – Arch. Biochem. Biophys. 1998, 351, 220-226.
8. Dolinsky V.W., Hatch GM - BBA, 1998, 1391, 241-246.

In Books

1. In: Current opinion in Gastroenterology, Ed. R.M. Donaldson, Jr. (USA) May, 1993
2. Schomburg D., D. Stephan - "1-Acylglycerophosphocholine O-acyltransferase" in: Enzyme Handbook 11, 1996, pp 719-726, Spriger
3. Schomburg D., A. Chang - Handbook of Enzymes, Transferases, Springer Science&Business Media, 2007, 747p.

In Catalogues

1. Brenda - Entry of 1-acylglycerophosphocholine O-acyltransferase (EC-Number 2.3.1.23); PubMedID1625322
2. Brenda - Entry of triacylglycerol lipase (EC-Number 3.1.1.3); PubMedID 821497
3. Amenda – 3.1.4.3 phospholipase C 826041

52. Koshlukova S.E., Markovska T.T., Momchilova A.B., Pankov R.G., Koumanov K.S. Alterations in microsomal and plasma membranes during liver regeneration - *Biochimie* 1992, 74, 981-987.

1. Lombard, M.N., Izzo AA, Benhaddi M, Natour J, Benveniste J - Cell Proliferation 1996, 29, 33-41.
2. Watkins P.A. – Prog. Lipid Res. 1997, 36, 55-83.
3. Mullins D.W.; Alleva D.G.; J. Burger C.; Elgert K.D.; Watkins P.A. - Progr. Lipid Res., 1997, 36, 55-83.
4. Graier W.F., Hoebel BG, Paltauf-Doburzynska J, Kostner GM. – Atheroscl. Throm. Vas. 1998, 18, 1470-1479.
5. Drahota Z., Rauchova H, Sedlak V, Koci J, Cervinkova Z – Physiol. Res. 1999, 48, 167-170.
6. Delton-Vandenbroucke Isabelle, Patricia Lemaire, Michel Lagarde and Christian Laugier – Biochimie 2004, 86, 269-274.
7. Grypioti, AD., Theocharis, SE., Papadimas, GK., Demopoulos, CA., Papadopoulou-Daifoti, Z., Basayiannis, AC., Mykoniatis, MG. – Arch.Toxicol. 2005, 79, 466-474.
8. Delgado-Coello, B ; Briones-Orta, MA ; Macias-Silva, M., Mas-Oliva, J. - Liver Int., 2011, 31, 1271-1284.

In Catalogues

1. Brenda - Entry of triacylglycerol lipase (EC-Number 3.1.1.3); PubMedID 1477142
2. Amenda 1.14.19.5 DELTA11-fatty-acid desaturase 1717660
3. Amenda - 3.1.4.3 phospholipase C 1717660
4. Amenda - 6.2.1.3 Long-chain-fatty-acid-CoA ligase 1717660

53. Gavrilova N.J., Setchenska M.S., Markovska T.T., Momchilova-Pankova A.B., Koumanov K.S.

Effect of membrane phospholipid composition and fluidity on rat-liver plasma membrane tyrosine kinase-activity.

Int. J. Biochem. 1993, 25, 1309-1312.

1. Schuster G.S., Caughman GB, Rueggeberg FA, Lefebvre CA, Cibirka R. – J. Biomat. Sci-Polym. 1999, 10, 1121-1133.
2. Zeghari N., Younsi M, Meyer L, Donner M, Drouin P, Ziegler O. – Int. J. Obesity 2000, 24, 1600-1607.
3. Heshka J.T., Jones P.J. - Life Sci. 2001, 69, 987-1003.
4. Younsi M., Quillot D., Delbachian I., Drouin P., Ziegler O. – Metab. Clin. Exp. 2002, 51, 1261-1268.
5. Eriyamremu, G.E., Adaikpoh, M.A., Obi, F.O. – J. Med. Sci., 2006, 6, 615-620.
6. El-Khayat Z., D. A. El-Matty, W. Rasheed, J. Hussein, O. Shaker, J. Raafat - Int. J. Pharm. Pharm. Sci., 2013, 5, Suppl 2, 146-151.

In Theses

1. Petkova D.H. – in: “Функционална роля на мембранните фосфолипиди и някои техни приложения”, Докторска дисертация, София 2008.

In Catalogues

1. Brenda - Entry of non-specific protein-tyrosine kinase (EC-Number 2.7.10.2); PubMedID 8224378

54. Momchilova-Pankova A.B., Markovska T.T., Yanev E.I., Koumanov K.S.

Phospholipase C activities in rat liver plasma membranes depend on the phospholipid composition.

J. Lipid. Mediat. Cell Signal. 1994, 9, 235-246.

1. Stoffel B., Bauer P, Nix M, Deres K, Stoffel W – Eur. J. Immunol. 1998, 28, 874-880.
2. Seres, I., Fóris, G., Páll, D., Kosztáczky, B., Paragh Jr., G., Varga, Z., Paragh, G. - Metabolism: Clinical and Experimental 2005, 54, 1147-1154.
3. Cansell M., J.-P. Gouygou, J. Jozefonviczet, D. Letourneur - Lipids 1997, 32, 39-44.

In Theses :

1. Schiller, Stefan - "Biomimese biologischer Membranen: Konzeptionierung, Synthese und biophysikalische Charakterisierung einer Hierarchie festkörpergestützter Mimikry biologischer Membranen". Diss. 2008.
2. Петкова ДХ. –“Функционална роля на мембранните фосфолипиди и някои техни приложения”, Докторска дисертация, София 2008.

In Catalogues

1. Brenda - Entry of phosphoinositide phospholipase C (EC-Number 3.1.4.11); PubMedID 7921783
2. Amenda - 3.1.4.3 phospholipase C 826804

55. Momchilova-Pankova A.B., Markovska T.T., Koumanov K.S.

Acyl-CoA synthetase activity depends on the phospholipid composition of rat liver plasma membranes.

J. Lipid Mediat. Cell Signal. 1995, 11, 13-23.

1. Anandan R. – Med. Sci. Res. 1998, 26, 349-352.
2. Anandan R. – J. Clin. Biochem. Nutr. 1998, 25, 87-95.
3. Stoffel B, Bauer P, Nix M. – Eur. J. Immunol. 1998, 28, 874-880.
4. Coleman R.A., Lewin TM, Muoio DM – Annu. Rev. Nutr. 2000, 20, 77-103.
5. Siafaka-Kapadai A., Patiris M, Bowden C, Javors M. – Biochem. Pharmacol. 1998, 56, 207-212.
6. Graziani, I., Bagalá, C., Duarte, M., Soldi, R., Kolev, V., Tarantini, F., Kumar, T.K.S., Doyle, A., Neivandt, D., Yu, C., Maciag, T., Prudovsky, I. - Biochemical and Biophysical Research Communications 2006, 349, 192-199.

In Theses

1. Schiller, Stefan - "Biomimese biologischer Membranen: Konzeptionierung, Synthese und biophysikalische Charakterisierung einer Hierarchie festkörpergestützter Mimikry biologischer Membranen". Diss. 2008.

In Catalogues

1. Brenda Enzyme Info –PubMed ID 7728415 Entry of Long-chain-fatty-acid-CoA ligase (EC-Number 6.2.1.3)
2. Amenda - 3.1.1.4 phospholipase A2 1539676
3. Amenda - 3.1.4.3 phospholipase C 751034

56. Koumanov K.S., Momchilova-Pankova A.B., Markovska T.T., Quinn P.J., Wolf C.
Phospholipids with a short acyl chain modulates phospholipase and acyltransferase activities

J. Lipid Mediators Cell Signalling 1995, 12, 59-76.

1. Zhang H.J., Sheng XR, Niu WD, Pan XM, Zhou JM. – J. Lipid Res. 1998, 39, 1397-1403.
2. Siafaka-Kapadai A., Patiris M, Bowden C, Javors M. – Biochem. Pharmacol. 1998, 56, 207-212.
3. Anandan R, Devi KP, Devai T – J. Clin. Biochem. Nutr. 1998, 25, 87-95.
4. Coleman RA, Lewin TM, Muoio DM – Ann. Rev. Nutr. 2000, 20, 77-103.
5. Graziani, I., Bagalá, C., Duarte, M., Soldi, R., Kolev, V., Tarantini, F., Kumar, T.K.S., Doyle, A., Neivandt, D., Yu, C., Maciag, T., Prudovsky, I. - Biochemical and Biophysical Research Communications 2006, 349, 192-199.
6. Catalá, A. – Biochim. Biophys. Acta - Molecular and Cell Biology of Lipids 2010, 1801, 95-99.

In Books

1. Bazan, N. G. "Naural Responses to Injury: Prevention, Protection, and Repair. Volume 7. Role of Growth Factors and Cell Signaling in the Response of Brain and Retina to Injury". Louisiana State Univ New Orleans school of medicine, 1997.

In Theses

1. Schiller, Stefan - "Biomimese biologischer Membranen: Konzeptionierung, Synthese und biophysikalische Charakterisierung einer Hierarchie festkörpergestützter Mimikry biologischer Membranen". Diss. 2008.

In Catalogues

1. Brenda - Entry of triacylglycerol lipase (EC-Number 3.1.1.3); PubMedID 7551690

57. Koumanov K., Wolf C., Bereziat G.

Modulation of human type II secretory phospholipase A2 by sphingomyelin and annexin VI.

***Biochem. J.* 1997, 326, 227-233.**

1. Murakami M., Shimbara S, Kambe T, Kuwata H, Winstead MV, Tischfield JA, Kudo I.- J. Biol. Chem. 1998, 273, 14411-14423.
2. Wilson H.A., Waldrip JB, Nielson KH, Judd AM, Han SK, Cho W, Sims PJ, Bell JD.– J. Biol. Chem. 1999, 274, 11494-11504.
3. Murakami M., Kambe T, Shimbara S, Yamamoto S, Kuwata H, Kudo I – J. Biol. Chem. 1999, 274, 29927-29936.
4. Subbaiah P.V. Subramanian VS, Wang K. – J. Biol. Chem. 1999, 274, 36409-36414.
5. Murakami M., Y Nakatani, H Kuwata, I Kudo - BBA, 2000, 1488, 159-166.
6. Okita M., T. Sasagawa, M. Kotani, M. Hayashi, H. Yamashita, M. Kimoto, K. Suzuki, H. Tsuji, T. Tabei - Asia Pacific J. Clin. Nutrition, 2000, 9, 309 - 313.
7. Kim S.W., Fang X, Ji H, Paulson AF, Daniel JM, Ciesiolka M – FEBS Lett. 2001, 489, 243-248.
8. Subbaiah P.V., Sargis R.M. – Med. Hypotheses 2001, 57, 135-138.
9. Schwemmer M., Aho H, Michel JB - Tissue Cell 2001, 33, 233-240.
10. Okita M., Hayashi M, Sasagawa T, Takagi K, Suzuki K, Kinoyama S, Ito T, Yamada G.– Nutrition 2001, 17, 542-547.
11. Murakami M., Kudo I. – Adv. Immunol. 2001, 77, 163-194.
12. Gesquiere L., Cho W, Subbaiah PV. – Biochemistry 2002, 41, 4911-4920.
13. Zhao S., Du XY, Chen JS, Zhou YC, Song JG.– Exp. Cell Res. 2002, 279, 354-364.
14. Barrientos G, Hidalgo C. - J Membrane Biol. 2002, 188, 163-173.
15. Zhao S. – Biochim. Biophys. Acta 2002, 1581, 175-88.
16. Kudo I. and Murakami M. – Prostagl. Other Lipid Med. 2002, 68-69, 3-58.
17. Bezzine S., Bollinger JG, Singer AG, Veatch SL, Keller SL, Gelb MH. – J. Biol. Chem. 2002, 277, 48523-48534.
18. Zhao H., Kinnunen PKJ – Antimicrob. Agents Chemother. 2003, 47, 967-971.
19. Noh S.K. and Koo S.I. – J. Nutrition 2003, 133, 3571-3576.
20. Chakraborti S – Cell Signal. 2003, 15, 637-665.
21. Pettus BJ, Chalfant CE, Hannun YA – Curr. Mol. Med. 2004, 4: 405-418.
22. Noh SK and Koo SI - J. Nutr..2004; 134: 2611-2616.
23. Bondorowicz-Pikula, J., D. Konopka, J. Hening, S. Pikula – Annexins, 2004, 1:1, 68-78.
24. Wilson H.A., J. B. Waldrip, K. H. Nielson, A. M. Judd, S. K. Han, W. Cho, P. J. Sims, J. D. Bell - Annexins, 2004, 1:2, 158-170.
25. Golczak M., S. Pikula – Annexins 2004, 1:3, 224-232.

26. Park E.J., M. Suh , B. Thomson, K. S. Ramanujam, A. B.R. Thomson, M. T. Clandinin - *Glycobiology*, 2005, 15, 935-942.
27. Guillaume C, C. Calzada, M. Lagarde, J. Schrével, C. Deregnaucourt – *J. Lipid Res.* 2006, 47, 1493-1506.
28. Brueseke T. J., J.D. Bell – *BBA*, 2006, 1761, 1245-1400.
29. Singh D.K., P.V. Subbaiah - *J. Lipid Res.*, 2007, 48, 683-692.
30. Bailey R.W., E.D. Olson, M.P. Vu, T.J. Brueseke, L. Robertson, R.E. Christensen, K.H. Parker, A.M. Judd, J. Bell – *Biophys. J.* 2007, 93:2350-2362
31. Duan RD – *Eur. J.Lipid Sci. Technol.* 2007, 109, 987-993.
32. Bhave, V.S., Donthamsetty, S., Latendresse, J.R., Muskhelishvili, L., Mehendale, H.M. – *Toxicol. Appl. Pharmacol.* 2008, 228, 225-238.
33. Kuksis A., W. Pruzanski - *J. Lipid Res.*,2008, 49, 2161-2168.
34. Subbaiah P.V., D. Sircar, R. S. Lankalapalli, R. Bittman – *Arch. Biochem. Biophys.* 2009, 481, 72-79.
35. Duan, R.-D., Nilsson, A. – *Progr. Lipid Res.* 2009, 48, 62-72.
36. Boyanovsky B., M. Zack, K. Forrest, N.R. Webb - *Arterioscler. Thromb. Vasc. Biol.*, 2009; 29:532-538.
37. Korotaeva, A.A., Samoilova, E.V., Pirkova, A.A., Ameliushkina, V.A., Prokazova, N.V., Tkachuk, V.A., Chazov, E.I. - *Prostaglandins and Other Lipid Mediators* 2009, 90, 37-41
38. Korotaeva A. A., E. V. Samoilova, G. F. Piksina, N. V. Prokazova - *Prostaglandins & other Lipid Mediators* 2010, 91, 38–41.
39. Nakamura H., S. Wakita, A. Suganami, Y. Tamura, K.o Hanada' T. Murayama – *J.Lipid Res.*, 2010, 51, 720-728
40. Spijkers, L.J.A., Alewijnse, A.E., Peters, S.L.M. - *Molecules and Cells* 2010, 29, 105-111.
41. Westerlund B., P-M Grandell, Y. J. E. Isaksson, J. Peter Slotte - *Eur Biophys J.*, 2010, 39, 1117-1128
42. Samoilova E. V., A. A. Pirkova, N. V. Prokazova, A. A. Korotaeva - *Bull. Exp. Biol. Med.*, 2010, 150, 39-41.
43. Pasquaré S.J., V.L. Gaveglio, N.M. Giusto – *J.Lipids*, 2011 (2011), Article ID 342576, 18 pages, doi:10.1155/2011/342576
44. Arizza V., D. Parrinello, M. Cammarata, M. Vazzana, A. Vizzini, F.T. Giaramita, N. Parrinello - *Fish & Shellfish Immunology*, 2011, 30, 1014-1023.
45. W. S. Chung, A. Kamili, S. Tandy, J. M. Weir, R. Gaire, P. J. Meikle, J. S. Cohn, K-A. Rye - *PLOS ONE* 2013, 8, | Issue 2 | e55949.
46. Yang P., N. A. Belikova, J. Billheimer, D. J. Rader, J. S. Hill, P. V. Subbaiah - *Lipids*, 2014, 49, 987-996.
47. Nakamura H., S. Wakita, K. Yasufuku, T. Makiyama, M. Waraya, N. Hashimoto, T. Murayama - *J. Cell. Biochem.* 2015, 116, 1898-1907.
48. Turrone S., J. Fiori1, S. Rampelli, S.L. Schnorr, C. Consolandi, M. Barone, E. Biagi, F. Fanelli, M. Mezzullo, A. N. Crittenden, A. G. Henry, P. Brigidi, M. Candela - *Scientific Reports*, 2016, 6, 32826. DOI: 10.1038/srep32826
49. Rodriguez-Cuenca S., V.Pellegrinelli, M.Campbell, M.Oresic, A. Vidal-Puig - *Progress in Lipid Research* 2017, 66, 14-29.

In Books

1. Kubista H., Sacre S., S.E. Moss – in: Fusion of Biological Membranes and Related Problems, Eds. H.J. Henderson and S. Fuller, 2000, 73-132.
2. Andreev VK, O V Kaptsov, V V Pukhnachov, A a Rodionov – in: Applications of Group-Theoretical Methods in Hydrodynamics, Eds. V K Andreev, O V Kaptsov, V V Pukhnachov, A A Rodionov, p. 126, 2000
3. Newcombe D.S. – in “Gout.Basic Science and Clinical Practice”, Spriger 2000.
4. Kirsch T. – in: Annexins: Biological Importance and Annexin-Related Pathologies, Ed. J. Bandarowicz-Pikula, 2003, 178-215. KluwerAcademic/ Plenum Press, New York, 2003.
5. Buckland A.G., D.C. Wilton - "Annexins and Phospholipids", Chapter 14, pp 207-217 in: "Annexins: Biological Importance and Annexin-Related Pathologies", Ed. J. Bandarowicz-Pikula, KluwerAcademic/ Plenum Press, New York, 2003.
6. Murphy R.C., R.C. Bowers, J. Dickinson, K.Z. Berry – “Perspectives on the Biosynthesis and Metabolism of Eicosanoids”, Ch. 1, 1-16, in: “The Eicosanoids”, P. Curtis-Prior Ed., John Willey & Sons, 2004>
7. David S. Newcombe M.D. – “Management of Hyperuricemia and Gout” in Gout, Springer, 2013, pp 291-385
8. Hasanally D., R. Chaudhary, A. Ravandi – “Role of Phospholipases and Oxidized Phospholipids in Inflammation” in “Phospholipases in Health and Disease Advances in Biochemistry in Health and Disease “Volume 10, 2014, pp 55-72.
9. Devin Hasanally Amir Ravandi Rakesh Chaudhary Andrea Edel - Oxidized Phospholipids, University of Manitoba, Hôpital St-Boniface Hospital, 2016

In Theses

1. Klapisz E. – in: Etude de l'implication de composants membranaires dans la regulation de la phospholipase A2 cytosolique, These, 1999, Paris
2. Cormier, Robert Thomas. Functional characterization of Pla2g2aAKR and Dnmt1N/+ : two genetic modifiers of Min. University of Wisconsin--Madison, 2000.
3. Момчилова-Панкова А.Б. – „Структурна организация и моделиране на липидния бислой в биологични мембрани” – Докторска дисертация (дбн), София 2002.
4. Pons Pons, Mónica – in: “Estudi del paper de l'annexina 6 en el transport intracel.lular. Implicació en la transducció del senyal” (2002) Departament/Institut Biologia Celular i Anatomia Patològica, Universitat de Barcelona.
<http://www.tdx.cesca.es/TDX-0204102-122435/>
5. Staneva G. – in: Dynamique des membranes heterogenes et effets des molecules d'asymetrie sterique positive. Etude sur des vesicules geantes, These, 2004, Paris
6. Petkova D.H. – in: “Функционална роля на мембранните фосфолипиди и някои техни приложения”, Докторска дисертация, София 2008.
7. Bailey R.W. – in: “Mechanisms by which apoptotic membranes become susceptible to secretory phospholipase A2”, Thesis, Brigham Young University, April 2008.
8. Spijkers L.J.A. – “Sphingolipids in essential hypertension and endothelial dysfunction”, Utrecht, The Netherlands, Thesis University of Amsterdam 2013.
9. Cubells Diez, Laia - "Annexina A6 regula el transport intracel.lular de caveolina, L", Universitat de Barcelona, Departament de Biologia Cel·lular i Anatomia Patològica, 2008.

In Catalogues

1. Brenda - Entry of phospholipase A2 (EC-Number 3.1.1.4); PubMedID 9337873

Patents that cite:

1. FORMULATIONS FOR MEDIATING INFLAMMATION AND FOR REDUCING BLOOD CHOLESTEROL.
CLANDININ MICHAEL THOMAS (CA); PARK EEK J (CA)
Publication number: WO2004087173 Publication date: 2004-10-14 european: [A61K31/739](#)
2. Methods for Treating Inflammatory Bowel Disease
Inventors: Clandinin, Michael Thomas (Calmar, CA) Park, Eek J. (San Diego, CA, US)
US Patent 20, 110, 144, 041, 2011 [Download PDF 20110144041](#) 

58. Cupillard L., Koumanov K., Mattei M.G., Lazdunski M., Lambeau G. Cloning, chromosomal mapping and expression of a novel human secretory phospholipase A2 – *J. Biol. Chem.* 1997, 272, 15745-15752.

1. Hanasaki K., Yokota Y, Ishizaki J, Itoh T, Arita H - *J. Biol. Chem.* 1997, 272, 32792-32797.
2. Ganz T., Weiss J. – *Semin. Hematol.* 1997, 34, 343-354.
3. Kuwata H., Nakatani Y, Murakami M, Kudo I. - *J. Biol. Chem.* 1998, 273, 1733-1740.
4. Seeds MC., Jones DF, Chilton FH, Bass DA - *Biochim. Biophys. Acta* 1998, 1389, 273-284.
5. Lin Y. et al. – *Biochem. Soc. T.* 1998, 26, 341-345.
6. Fourcade O., Le Balle F, Fauvel J, Simon MF, Chap H – *Adv. Enzyme Regul.* 1998, 38, 99-107.
7. Jamal O.S., Conaghan PG, Cunningham AM, Brooks PM, Munro VF, Scott KF. – *Ann. Rheum. Dis.* 1998, 57, 550-558.
8. Ramanadham S., Ma Z, Arita H, Zhang S, Turk J. - *Biochim. Biophys. Acta* 1998, 1390, 301-312.
9. Balboa M.A., Balsinde J, Dennis EA. - *J. Biol. Chem.* 1998, 273, 7684-7690.
10. Murakami M., Shimbara S, Kambe T, Kuwata H, Winstead MV, Tischfield JA, Kudo I. - *J. Biol. Chem.* 1998, 273, 14411-14423.
11. Hite R.D., Seeds MC, Jacinto RB, Balasubramanian R, Waite M, Bass D. - *Am.J.Physiol.* 1998, 275, L740-L747.
12. Chen Y. and Dennis. E.A. - *Biochim. Biophys. Acta* 1998, 1394, 57-64.
13. Kano M., Shoda J, Irimura T, Ueda T, Iwasaki R, Urasaki T, Kawauchi Y, Asano T, Matsuzaki Y, Tanaka N – *Hepatology* 1998, 28, 302-313.
14. Koduri R.S., Baker SF, Snitko Y, Han SK, Cho W, Wilton DC, Gelb MH – *J. Biol. Chem.* 1998, 273, 32143-32153.
15. Wang Y. – *Proc.Natl.Acad.Sci. USA* 1998, 95, 15345-15350.
16. O.S. Jamal, P.G. Conaghan, A.M. Cunningham, P.M Brooks, V.F Munro K.F Scott - *Ann Rheum Dis* 1998; 57;550-558
17. K. Maxey, M.D. and J. MacDonald - Cayman Chemical, PLA₂: A Short Phospholipase Review, Currents | Issue 8 • 1998
18. C.O. Bingham, III, K.F. Austen – *Proc. Assoc. Am. Physicians*, 1999, 111, 516-.
19. Janssen M.J., Burghout PJ, Verheij HM, Slotboom AJ, Egmond MR – *Eur. J. Biochem.* 1999, 261, 197-207.
20. Han S.K., Kim KP, Koduri R, Bittova L, Munoz NM, Leff AR, Wilton DC, Gelb MH, Cho W. – *J. Biol. Chem.* 1999, 274, 11881-11888.

21. Shoda J., Kano M, Asano T, Irimura T, Ueda T, Iwasaki R, Furukawa M, Kamiya J, Nimura Y, Todoroki T, Matsuzaki Y, Tanaka N – *Hepatology* 1999, 29, 1026-1036.
22. Valentin E, Koduri RS, Scimeca JC, Carle G, Gelb MH – *TiPS*, 1999, 20, 162-170.
23. Valentin E. – *J. Biol. Chem.* 1999, 274, 19152-19160.
24. Forsell P., Hallerback B, Glise H, Hellers G – *Eur. J. Biochem.* 1999, 262, 575-585.
25. Gijon M.A., Lesli C.C. – *J. Leukocyte Biol.* 1999, 65, 330-336.
26. Bryant M.D., Flick KE, Koduri RS, Wilton DC, Stoddard BL, Gelb MH – *Bioorg. Med. Chem. Lett.* 1999, 9, 1097-1102.
27. Kaiser E. – *Crit. Rev. Clin. Lab. Sci.* 1999, 36, 65-163.
28. Balsinde J., Balboa MA, Insel PA, Dennis EA – *Ann. Rev. Pharmacol.* 1999, 39, 175-189.
29. Forcell P.K.A – *Eur. J. Biochem.* 1999, 262, 575-585.
30. Cai T.Q., Thieblemont N, Wong B, Thieringer R, Kennedy BP, Wright SD.– *J. Leukocyte Biol.* 1999, 65, 750-756.
31. Faure G. – *B. Soc. Zool. Fr.* 1999, 124, 149-168.
32. Gelb M.H., Cho W, Wilton DC. – *Curr. Opin. Struc. Biol.* 1999, 9, 428-432.
33. Janssen M.J., Vermeulen L, Van der Helm HA, Aarsman AJ, Slotboom AJ, Egmond MR.– *Biochim. Biophys. Acta* 1999, 1440, 59-72.
34. Scott K.F., Bryant KJ, Bidgood MJ.– *J. Leukocyte Biol.* 1999, 66, 535-541.
35. Betzel C., Genov N, Rajashankar KR, Singh TP. – *Cell Mol. Life Sci.* 1999, 56, 384-397.
36. Bigham C.O., Austin K.F. – *P. Assoc. Am. Physician* 1999, 111, 516-524.
37. Hanasaki K., Arita H. – *Arch. Biochem. Biophys.* 1999, 372, 215-223.
38. Shimbara S., Murakami M, Kambe T, Kudo I.– *Adv. Exp. Med. Biol.* 1999, 469, 209-214.
39. Yokota Y., Hanasaki K, Ono T, Nakazato H, Kobayashi T, Arita H.– *Biochim. Biophys. Acta* 1999, 1438, 213-222.
40. Ghomashchi F., Loo R, Balsinde J, Bartoli F, Apitz-Castro R, Clark JD, Dennis EA, Gelb MH.– *Biochim. Biophys. Acta* 1999, 1420, 45-56.
41. Ishizaki J., Suzuki N, Higashino K, Yokota Y, Ono T, Kawamoto K, Fujii N, Arita H, Hanasaki K – *J. Biol. Chem.* 1999, 274, 24973-24979.
42. Sawada H., Murakami M, Enomoto A, Shimbara S, Kudo I – *Eur. J. Biochem.* 1999, 263, 826-835.
43. Copic A., Vucemilo N, Gubensek F, Krizaj I. – *J. Biol. Chem.* 1999, 274, 26315-26320.
44. Vermeulen L, Van der Helm HA, Aarsman AJ, Slotboom AJ, Egmond MR. – *Biochim. Biophys. Acta* 1999, 1440, 73-62.
45. Fenard D., Valentin E, Lefebvre JC, Lazdunski M, Doglio A. – *J. Clin. Invest.* 1999, 104, 611-618.
46. Larsson Forsell P.K., Kennedy BP, Claesson HE. -*Eur. J. Biochem.* 1999, 262, 575-585.
47. Chaminade B., Le Balle F, Fourcade O, Nauze M, Delagebeaudeuf C, Gassama-Diagne A, Simon MF, Fauvel J, Chap H – *Lipids* 1999, 34, S49-S55.
48. Rufini S., de Vito P, Balestro N, Pescatori M, Luly P, Incerpi S – *Am. J. Physiol.* 1999, 277, C814-C822.
49. Valentin E., Ghomashchi F, Gelb MH – *J. Biol. Chem.* 1999, 274, 31195-31202.
50. Bingham C.O., Fijneman RJ, Friend DS, Goddeau RP, Rogers RA, Austen KF, Arm JP. – *J. Biol. Chem.* 1999, 274, 31476-31484.
51. Murakami M., Kambe T, Shimbara S, Kudo I. – *J. Biol. Chem.* 1999, 274, 31435-31444.
52. Hanasaki K., Ono T, Saiga A, Morioka Y, Ikeda M, Kawamoto K, Higashino K, Nakano K, Yamada K, Ishizaki J, Arita H. – *J. Biol. Chem.* 1999, 274, 34203-34211.

53. Balsinde J., Balboa MA, Insel PA, Dennis EA. – *Annu. Rev. Pharmacol. Toxicol.* 1999, 39, 175-189.
54. M. C. Seeds, D. A. Bass - *Clinical Reviews in Allergy & Immunology* 1999, 17, 5-26
55. C. Betzel, N. Genov, K. R. Rajashankar, T. P. Singh - *Cellular and Molecular Life Sciences CMLS* 1999, 56, 384-397
56. J. Pfeilschifter - *Role of Phospholipases A₂ Inflammation, Symposium in Immunology VIII* 1999, pp 15-30
57. Bezzine S., Koduri RS, Valentin E, Murakami M, Kudo I, Ghomashchi F, Sadilek M, Gelb MH. et al. – *J. Biol. Chem.* 2000, 275, 3179-3191.
58. Suzuki T. et al. – *J. Biol. Chem.* 2000, 275, 5785-5793.
59. Valentin E., Ghomashchi F, Gelb MH – *J. Biol. Chem.* 2000, 275, 7492-7496.
60. Marshall J., Krump E, Lindsay T, Downey G, Ford DA, Zhu P, Walker P, Rubin B. – *J. Immunol.* 2000, 164, 2084-2091.
61. Rys-Sikora K.E., Konger RL, Schoggins JW, Malaviya R, Pentland AP. – *Am. J. Physiol.* 2000, 278, C822-C833.
62. Janssen M.J.W. – Thesis, Utrecht, The Netherlands, 2000.
63. Yokota Y., Higashino K, Nakano K, Arita H, Hanasaki K. – *FEBS Lett.* 2000, 478, 187-191.
64. Fonteh A.N., Atsumi G, LaPorte T, Chilton FH. – *J. Immunol.* 2000, 165, 2773-2782.
65. Aarsman A.J., Neys FW, van der Helm HA, Kuypers FA, van den Bosch H. – *BBA* 2000, 1502, 257-263.
66. Seeds M.C., Jones KA, Duncan Hite R, Willingham MC, Borgerink HM, Woodruff RD, Bowton DL, Bass DA. – *Am. J. Resp. Cell Mol. Biol.* 2000, 23, 37-44.
67. Luchetta P, Lecut C, Koduri RS, Faure G, Valentin E, Singer A, Ghomashchi F, Beguin S, Gelb MH, Bon C. et al. – *Eur. J. Biochem.* 2000, 267, 4960-4969.
68. Gelb M., Valentin E, Ghomashchi F – *J. Biol. Chem.* 2000, 275, 39823-39826.
69. Deregnacourt C., Schrevel J – *J. Biol. Chem.* 2000, 275, 39973-39980.
70. Valentin E. – *BBA*, 2000, 1488, 59-70.
71. Nevalainen T.J. Haapamaki MM, Gronroos JM – *BBA*, 2000, 1488, 83-90.
72. Six D.A., Dennis EA. – *BBA*, 2000, 1488, 1-19.
73. Andreani M., Andreani M, Olivier JL, Berenbaum F, Raymondjean M – *BBA*, 2000, 149-158.
74. Murakami M. Koduri RS, Enomoto A, Shimbara S, Seki M, Yoshihara K – *J. Biol. Chem.* 2000, 275, 40210-40224.
75. Anthonsen M., Stengel D, Hourton D, Ninio E, Johansen B.– *Arterioscler. Thromb. Vasc. Biol.* 2000, 20, 1276-1282.
76. Maury E., Vassal T, Offenstadt G – *J. Invest. Dermatol.* 2000, 114, 960-966.
77. Sartipy P, Johansen B, Gasvik K, Hurt-Camejo E. – *Circ. Res.* 2000, 86, 707-714.
78. Morioka Y., Ikeda M, Saiga A, Fujii N, Ishimoto Y, Arita H, Hanasaki K. – *FEBS Lett.* 2000, 487, 262-266.
79. Nyman K.M., Ojala P, Laine VJ, Nevalainen TJ – *J. Hystochem. Cytochem.* 2000, 48, 1469-1478.
80. Levy R., Lossos IS - *Blood* 2000, 95, 660-665.
81. Suzuki K., Arita H. – *J. Biol. Chem.* 2000, 5785-5793.
82. Grossmann E.M., Longo WE, Mazuski JE, Panesar N, Kaminski DL. – *J. Gastrointest. Surg.* 2000, 4, 193-200.
83. Urasaki T., Takasaki J, Nagasawa T, Ninomiya H – *Inflamm. Res.* 2000, 49, 177-183.

84. Munoz N.M., Kim KP, Han SK, Boetticher E, Sperling AI, Sano H, Zhu X, Cho W, Leff AR. – *Hybridoma* 2000, 19, 171-176.
85. Havashi Y. – *Cytokine* 2000, 12, 603-612.
86. Talbot K., Young RA, Jolly-Tornetta C, Lee VM, Trojanowski JQ, Wolf BA.– *Neurochem. Int.* 2000, 37, 17-31.
87. Koike K. Yamamoto Y, Hori Y, Ono T. – *Ann. Surg.* 2000, 232, 90-97.
88. Smesny S., Volz HP, Riehemann S, Sauer H – *Fortschr. Neurol. Psych.* 2000, 68, 301-312.
89. MacPherson J.C., Jacobs R.S. – *Comp. Biochem. Physiol. B* 2000, 127, 31-44.
90. Morioka Y., Saiga A, Yokota Y, Suzuki N, Ikeda M, Ono T, Nakano K, Fujii N, Ishizaki J, Arita H, Hanasaki – *Arch. Biochem. Biophys.* 2000, 381, 31-42.
91. Enomoto A., Murakami M, Valentin E, Gelb MH, Kudo I. et al. – *J. Immunol.* 2000, 165, 4007-4014.
92. Wen H.C., Lin W.W. – *J. Cell Biochem.* 2000, 79, 601-609.
93. Valentin E, Singer AG, Ghomashchi F, Lazdunski M, Gelb MH – *Biochem. Biophys. Res. Commun.* 2000, 279, 223-228.
94. Koyama Y. – *Am. J. Obstet. Gynecol.* 2000 183, 1537-1543.
95. Yokota Y. – *Yokugaku Zasshi* – 2001, 121, 23-33.
96. Springer D.M. – *Curr. Pharm. Design* 2001, 7, 181-198.
97. Furue S., Mikawa K, Nishina K, Shiga M, Ueno M, Tomita Y, Kuwabara K, Teshirogi I, Ono T, Hori Y, Matsukawa A, Yoshinaga M, – *Crit. Care Med.* 2001, 29, 719-727.
98. Murakami M., Kudo I. – *Adv. Immunol.* 2001, 77, 163-194.
99. Lehr M. – *Expert Opin. Ther. Pat.* 2001, 19, 1123-1136.
100. Lindbom J., Ljungman AG, Lindahl M, Tagesson C. – *Eur. Resp. J.* 2001, 18, 130-138.
101. Schmid D.I., Kohan D.E. – *Kidney* 2001, 60, 1026-1036.
102. Dunn R.D., Broady K.W. – *Biochim. Biophys. Acta* 2001, 1533, 29-37.
103. Berg O.G. Gelb MH, Tsai MD, Jain MK – *Chem. Rev.* 2001, 101, 2613-2653.
104. Yokota Y., Notoya M, Higashino K, Ishimoto Y, Nakano K, Arita H, Hanasaki K. – *FEBS Lett.* 2001, 509, 250-254.
105. Fonteh A.N., LaPorte T, Swan D, McAlexander MA – *J. Biol. Chem.* 2001, 276 1439-1449.
106. Saiga A., Morioka Y, Ono T, Nakano K, Ishimoto Y, Arita H, Hanasaki K. – *BBA*, 2001, 1530, 67-76.
107. Shadow A. – *J. Invest. Dermatol.* 2001, 64, 69-79.
108. Ho I.C., Arm JP, Bingham CO 3rd, Choi A, Austen KF, Glimcher LH.– *J. Biol. Chem.* 2001, 276, 18321-18326.
109. Mattera R., Stone GP, Bahhur N, Kuryshev YA.– *Circulation* 2001, 103, 2395-2401.
110. Anthonen M.W., Solhaug A, Johansen B– *J. Biol. Chem.* 2001, 276, 30527-30536.
111. Fenard D. Maurin T, Lefebvre JC, Doglio A– *Mol. Pharmacol.* 2001, 60, 341-347
112. Capper E.A. and Marshall L.A. – *Prog. Lipid Res.* 2001, 40, 167-197
113. Degousee N., Ghomashchi F, Stefanski E, Singer A, Smart BP, Borregaard N,– *J. Biol. Chem.* 2002, 277, 5061-5073.
114. Murakami M. And Kudo I. – *J. Biochem.* 2002, 131, 285-292.
115. Murakami M. – *J. Biol. Chem.* 2002, 277, 19145-19155.
116. Jiang J., Zhou XP. – *Am. J. Pathol.* 2002, 160, 667-671.
117. Hagashino K., Yokota Y., Hanasaki K. – *J. Biol. Chem.* 2002, 277, 13583-13588.
118. Pan Y.H., Yu BZ, Singer AG, Ghomashchi F, Gelb MH, Jain MK, Bahnson BJ. – *J. Biol. Chem.* 2002, 277, 29086-29093

119. Hanasaki K., Yamada K, Yamamoto S, Ishimoto Y, Saiga A, Ono T, Ikeda M, Notoya M, Kamitani S, Arita H.– *J. Biol. Chem.* 2002, 277, 29116-29124.
120. Fonteh A.N. – *Eur. J. Biochem.* 2002, 269, 3760-3770.
121. Fuentes L., Hernandez M, Nieto ML, Sanchez Crespo M– *FEBS Lett.* 2002, 531, 7-11.
122. Balboa M.A., Varela-Nieto I, Killermann Lucas K, Dennis EA – *FEBS Lett.* 2002, 531, 12-17
123. Triggiani M., Granata F, Oriente A, Gentile M, Petraroli A, Balestrieri B, Marone G. – *Eur. J. Immunol.* 2002, 32, 67-76.
124. Huhtinen H.T., Gronroos JM, Haapamaki MM, Nevalainen TJ.– *Scand. J. Clin. Lab. Invest.* 2002, 62, 123-128.
125. Murakami M., Yoshihara K, Shimbara S, Sawada M, Inagaki N, Nagai H, Naito M, Tsuruo T, Moon TC, Chang HW, Kudo I – *Eur. J. Biochem.* 2002, 269, 2698-2707.
126. Forlenza O.V., Schaeffer EL, Gattaz WF – *J. Neural Transm.* 2002, 109, 623-631.
127. Osterstrom A., Dimberg J, Fransen K, Soderkvist P. – *Cancer Lett.* 2002, 182, 175-182.
128. Telvinen K.A., Nevalainen T.J. – *Comp. Biochem. Physiol. B* 2002, 132, 571-578.
129. Jaross W., Eckey R, Menschikowski M – *Eur. J. Clin. Invest.* 2002, 32, 383-393.
130. Kudo I. and Murakami M. – *Prostagl.Other Lipid Med.* 2002, 68-69, 3-58.
131. Hanasaki K. and Arita H. – *Prostagl.Other Lipid Med.* 2002, 68-69, 71-72.
132. Singer A.G., Ghomashchi F, Le Calvez C, Bollinger J, Bezzine S, Rouault M, Sadilek M – *J. Biol. Chem.* 2002, 277, 48535-48549.
133. K. Hanasaki, H. Arita -Annual Report of Shionogi Research Laboratories, 2002, No. 52, 1-22.
134. Murakami M., Masuda S., Shimbara S., Bezzine S., Gelb M.H., Matsukura S., Kudo I. – *J. Biol. Chem.* 2003, 278, 10657-10667.
135. Lindbom J., Ljungman A.G., Lindhal M., Tagesson C. – *J. Interferon Cytokine Res.* 2002, 22, 947-955.
136. Gesquiere L., Cho W.H., Subbaiah P.V. – *Biochemistry* 2002, 41, 4911-4920.
137. Schlezinger JJ, Jensen BA, Man KK – *J. Immunol.* 2002, 169, 6831-6841.
138. Yaoi Y., Suzuki M., Tomura H., Sasayana Y., Kikuyama S., Tanaka S. – *Endocrinology* 2003, 144, 3287-3296.
139. Murakami M., Kudo I. – *Curr. Opin. Lipidol.* 2003, 14, 431-436.
140. K Hamaguchi, H Kuwataa, K Yoshiharaa, S Masuda, S Shimbara, S Oh-ishi, M Murakami, I Kudo – *BBA* 2003, 1635, 34-47.
141. Maury E, Julie S, Charveron M – *Pathol. Biol.* 2003, 51, 248-252.
142. Ryu YS, Oh YS, Yoon J – *BBA*, 2003, 1628, 206-210.
143. Diaz BL, Arm JP - *Prostagl. Leukotr. Ess.* 2003, 69, 87-97.
144. Granata F, Balestrieri B, Petraroli A – *Int. Arch. Allergy Imm.* 2003, 131, 153-163.
145. Scott KF, Graham GG, Bryant KJ – *Expert. Opin. Ther. Tar.* 2003, 7, 427-440.
146. Hanasaki K, Arita H – *Adv. Exp. Med. Biol.* 2003, 525, 93-96.
147. Murakami M, Masuda S, Shimbara S – *J. Biol. Chem.* 2003, 278, 10657-10667.
148. Kwak WJ, Moon, TC, Lin CX – *Biol. Pharm. Bull.* 2003, 26, 299-302.
149. Murakami M. and Kudo I. – *Rrogr. Lipid Res.* 2004, 43, 3-35.
150. Satake Y., B.L. Diaz, B. Balestrieri, B.K. Lam, Y. Kanaoka, M.J. Grusby, J..P. Arm - *J. Biol. Chem.* 2004 279: 16488-16494.
151. Kuypers FA, Styles LA – *Cell Mol. Biol.* 2004, 50, 87-94.
152. Lappas M, Rice GE – *Prostagl. Leukotr. Ess.* 2004, 70, 87-100.

153. Furstenberg Liberty I, L. Raichel, Z. Hazan-Eitan, I. Pessach, N. Hadad, F. Schlaeffer, R. Levy – *J. Leucocyte Biol.* 2004, 76, 176-184.
154. Murakami M., Kudo I. – *Biol. Pharm. Bull.* 2004, 27, 1168-1173.
155. Ito M., Ishikawa Y., Kiguchi H. et al. – *J. Gastroent. Hepatol.* 2004, 19, 1140-1149.
156. Lindbom J., Ljungman AG., Irander K. et al. – *Rhinology* 2004, 42, 85-91.
157. Liberty IF., Raichel L., Hazan-Eitan Z. et al. – *J. Leucocyte Biol.* 2004, 76, 176-184.
158. Gattaz WF., Forlenza OV., Talib LL. et al. – *J. Neural Trans.* 2004, 111, 591-601.
159. Jo, E. J., HY Lee, YN Lee, J I Kim, HK Kang, DW Park, SH Baek, JK Kwak, YS Bae – *J. Immunol.* 2004, 173, 6433-6439.
160. Villarrubia, V.G., Costa, L.A., Díez, R.A. - *Medicina Clinica* 2004, 123, 749-757.
161. Granata F, A Petraroli, E Boilard, S Bezzine, J Bollinger, L Del Vecchio, M. H. Gelb, G Lambeau, G Marone M Triggiani - *J. Immunol.* 2005, 174: 464-474.
162. Masuda S, M Murakami, K Komiyama, M Ishihara, Y Ishikawa, T Ishii, I Kudo - *FEBS Journal* 2005, 272, 655-672.
163. Duncan Hite R, M.C. Seeds, A. M. Safta, R. B. Jacinto, J. I. Gyves, D. A. Bass, and B. Moseley Waite - *Am J Physiol Lung Cell Mol Physiol* 2005, 288: L618-L624,
164. Muñoz-Sanjuán I., A.H. Brivanlou – *Mol. Cell. Biol.*, 2005, 25, 3608-3619.
165. Masuda S., M Murakami, Y Takanezawa, J Aoki, H Arai, Y Ishikawa, T Ishii, M Arioka, I Kudo - *J. Biol. Chem.*, 2005, 280, 23203-23214.
166. Uchiyama, S., Iijima, N. – *Comp. Biochem. Physiol.* 2005, 141, 121-127.
167. Nevalainen, T.J., Eerola, L.I., Rintala, E., Laine, V.J.O., Lambeau, G., Gelb, M.H. – *Biochim. Biophys. Acta* 2005, 1733, 210-223.
168. Hite, R.D., Seeds, M.C., Safta, A.M., Jacinto, R.B., Gyves, J.I., Bass, D.A., Waite, B.M. – *Am. J. Physiol. - Lung Cell. Mol. Physiol.* 2005, 288, 32-4.
169. Pruzanski, W. – *J. Rheumatol.* 2005, 32, 400-401.
170. Cheng, H.-Q., Zhang, C., Hu, H.-Y., Xu, G.-J. – *Progr. Biochem. Biophys.* 2005, 32, 154-160.
171. Saiga, A, Uozumi, N., Ono, T., Seno, K., Ishimoto, Y., Arita, H., Shimizu, T., Hanasaki, K. - *Prostagl. Other Lipid Mediators* 2005, 75, 79-89.
172. Haas, U., Podda, M., Behne, M., Gurrieri, S., Alonso, A., Fürstenberger, G., Pfeilschifter, J., Lambeau, G., Gelb, M.H., Kaszkin, M. – *J. Invest. Dermatol.* 2005, 124, 204-211.
173. Xie Y., L. Liu, X. Huang, Y. Guo, L. Lou – *J. Pharmacol. Exp. Ther. Fast Forward* First published on May 27, 2005; DOI: 10.1124/jpet.105.086520
174. Hong, S., Horiuchi, H. , Ohta, A. – *Biochim. Biophys. Acta – Mol. Cell Biol. Lipids* 2005, 1735, 222-229.
175. Ching-Hui Yang, J. Szeliga, J. Jordan, S. Faske, Z. Sever-Chroneos, B. Dorsett, R. E. Christian, R. E. Settlage, J. Shabanowitz, D. F. Hunt, J. A. Whitsett, Z. C. Chronos - *J. Biol. Chem.*, 2005, 280, 34447-34457.
176. Mendes, C.T., Gattaz, W.F., Schaeffer, E.L., Forlenza, O.V. – *J. Neural Transmission* 2005, 112, 1297-1308.
177. Ghesquiere SAI, Hofker MH, de Winther MPJ – *Cardiovasc.Toxicol.* 2005, 5, 161-182.
178. Kolko, M., Christoffersen, N.R., Barreiro, S.G., Miller, M.L., Pizza, A.J., Bazan, N.G. – *J. Neurosci. Res.* 2006, 83, 874-882.
179. Lindbom, J., Ljungman, A.G., Tagesson, C. - *Inflammation* 2006, 29, 44-53
180. Krijnen, P.A.J., Nijmeijer, R., Hack, C.E., Niessen, H.W.M. - *Anti-Inflamm. Anti-Allergy Agents in Med. Chem.* 2006, 5, 163-173.

181. Krijnen, P.A.J., Meischl, C., Nijmeijer, R., Visser, C.A., Hack, C.E., Niessen, H.W.M. - *Cardiovasc. Hematol. Dis.- Drug Targets* 2006, 6, 111-121.
182. Gora, S., Lambeau, G., Bollinger, J.G., Gelb, M., Ninio, E., Karabina, S.-A. – *Biochim. Biophys. Acta - Molecular and Cell Biology of Lipids* 2006, 1761, 1093-1099.
183. Ishii T., Y. Takanezawa, J. Aoki, H. Arai, K. Yamamoto, I. Kudo, M. Murakami - *J. Biol. Chem.*, Sep 2006; 281: 36420 – 36433.
184. Karabina S.A., I. Brochériou, G. Le Naour, M. Agrapart, H. Durand, M. Gelb, G. Lambeau, E. Ninio – *FASEB J.* 2006, 20: 2547-2549.
185. Prijatelj, P., Vardjan, N., Rowan, E.G., Krizaj, I., Pungercar, J. - *Biochimie* 2006, 88, 1425-1433.
186. Ohtsuki M., Y. Taketomi, S. Arata, S. Masuda, Y. Ishikawa, T. Ishii, Y. Takanezawa, J. Aoki, H. Arai, K. Yamamoto, I. Kudo, M. Murakami - *J. Biol. Chem.*, 2006, 281, 36420-36433.
187. Kuksis, A., Pruzanski, W. – *J. Clin. Ligand Assay* 2006, 29, 37-46.
188. Levy, R. – *Biochim. Biophys. Acta – Mol. Cell Biol. Lipids* 2006, 1761, 1323-1334.
189. Karabina, S.-A., Brochériou, I., Le Naour, G., Agrapart, M., Durand, H., Gelb, M., Lambeau, G., Ninio, E. - *FASEB Journal* 2006, 20, E1890-E1900.
190. Solodkin-Szaingurten I., R. Levy and N. Hadad - *BBA - Molecular and Cell Biology of Lipids* 2007, 1771, 155-163.
191. Touaibia, M., Djimdé, A., Cao, F., Boilard, E., Bezzine, S., Lambeau, G., Redeuilh, C., Lamouri, A., Massicot, F., Chau, F., Dong, C.-Z., Heymans, F. – *J. Med. Chem.* 2007, 50, 1618-1626.
192. Kolko, M., Prause, J.U., Bazan, N.G., Heegaard, S. - *Acta Ophthalm. Scand.* 2007, 85, 317-323
193. Abo M , Kurashima K, Fujimura M, Myou S , Nakao S, Tashiro K, Kobayashi T – *Respirology* 2007, 12, 828-833.
194. Mochizuki, H., Yamada, M., Hatou, S., Kawashima, M., Hata, S. - *Eye and Contact Lens* 2008, 34, 46-49
195. Curfs D. M. J, S. A. I. Ghesquiere, M. N. Vergouwe, I. van der Made, M. J. J. Gijbels, D. R. Greaves, J. Sjeff Verbeek, M. H. Hofker, M. P. J. de Winther - *J. Biol. Chem, J. Biol. Chem.*, 2008, 283, 21640-21648
196. Peroutka RJ, N. Elshourbagy, T. Piech, T.R. Butt - *Protein Science* 2008, 17:1586-1595
197. Ken-ichi Higashino, Yasunori Yokota, Takashi Ono, Shigeki Kamitani, Hitoshi Arita and Kohji Hanasaki* - www.jbc.org. November 28, 2008
198. Titsworth WL, Liu NK, Xu XM - *CNS & Neurolog. Disord. – Drug Targets* 2008, 7, 254-269.
199. Fonseca, R.G., Ferreira, T.L., Ward, R.J. - *Protein Expression and Purification* 2009, 67, 82-87.
200. Fujioka, D., Kugiyama, K. - *Trends Cardiovasc. Med.* 2009, 19, 100-103.
201. Gora S, Perret C, Jemel I, Nicaud V, Lambeau G, Cambien F, Ninio E, Blankenberg S, Tiret L, Karabina SA – *J. Mol.Med.-JMM* 2009, 87, 723-733.
202. Shridas P., W.M. Bailey, B.B. Boyanovsky, R.C. Oslund, M.H. Gelb, N.R. Webb – *J. Biol. Chem.* 2010, 285, 20031-20039.
203. Sun GY, Shelat PB, Jensen MB, He Y, Sun AY, Simonyi A. – *Neuromol. Med.* 2010, 12, 133-148.
204. Goracci G, Ferrini M, Nardicchi V. – *Mol. Neurobiol.* 2010, 41, 274-289.

205. Xia Li, P. Shridas, K. Forrest, W. Bailey, N.R. Webb - *FASEB J*, 2010, 24: 4313 - 4324.
206. Shridas P., W. M. Bailey, F.Gizard, R.C. Oslund, M.H. Gelb, D. Bruemmer, N.R. Webb - *Arterioscler Thromb Vasc Biol.* 2010; 30:2014-2021.
207. Jerman, B., Pungerčar, J. - *Acta Chimica Slovenica* 2010, 57, 888-894.
208. Murakami M., Y. Taketomi, Y. Miki, H. Sato, T. Hirabayashi, K. Yamamoto – *Progr.Lipid Res.* 2011, 50, 152–192.
209. Yamamoto K, Taketomi Y, Isogai Y, Miki Y, Sato H, Masuda S, Nishito Y, Morioka K, Ishimoto Y, Suzuki N, Yokota Y, Hanasaki K, Ishikawa Y, Ishii T, Kobayashi T, Fukami K, Ikeda K, Nakanishi H, Taguchi R, Murakami M. – *J. Biol. Chem.* 2011; 286:11616-11631.
210. Sato H, Isogai Y, Masuda S, Taketomi Y, Miki Y, Kamei D, Hara S, Kobayashi T, Ishikawa Y, Ishii T, Ikeda K, Taguchi R, Ishimoto Y, Suzuki N, Yokota Y, Hanasaki K, Yamamoto T, Yamamoto K, Murakami M. – *J. Biol. Chem.* 2011, 286:11632-11648. 286:11632-11648.
211. Yamamoto K., Y. Isogai, H. Sato, Y. Taketomi, M. Murakami - *Anal Bioanal Chem* 2011, 400, 1829-1842
212. Murakami M., H. Sato, Y. Taketomi, K. Yamamoto - *Int. J. Mol. Sci.* 2011, 12, 1474-1495.
213. Xu, Y.-Y., Ye, B.-P. - *Pharmaceutical Biotechnology* 2011, 18, 273-277.
214. P.I. Sergouniotis, A.E. Davidson, D.S. Mackay, E. Lenassi, Z. Li, A.G. Robson, X. Yang, J. Hoh Kam, T.W. Isaacs, G.E. Holder, G.Jeffery, J.A. Beck, Anthony T. Moore, V. Plagnol, A. R. Webster – *Am. J. Human Gen.*, 2011, 89, 782-791
215. Haas, E., Stanley, D.W. - *The Comprehensive Pharmacology Reference* 2011, 1-6.
216. Karray A., Y. Ben Ali, J. Boujelben, S. Amara, F. Carrière, Y. Gargouri, S. Bezzine - *Biochimie* 2012, 94, 451–460
217. Zhan C., J. Wang, M. Kolko - *Current Eye Research*, 2012; 37, 930-940.
218. Kamitani S., K. Yamada, S. Yamamoto, Y. Ishimoto, T. Ono, A. Saiga, K. Hanasaki – *Cell. Mol. Biol. Lett.* 2012, 17, 459-478.
219. Boyanovsky B.B., W. Bailey, L. Dixon, P. Shridas, N. R. Webb – *Am. J. Pathol.*, 2012, 181, 1088-1098.
220. Hallstrand, T.S, Y. Lai, W.A Altemeier, C. L Appel, B. Johnson, C. W Frevert, K. L Hudkins, J. G Bollinger, P. G Woodruff, D. M Hyde, W. R Henderson Jr, M. H Gelb - *Am J Respir Crit Care Med.* 2013 188, 42-50.
221. Nyegaard S, Novakovic VA, Rasmussen JT, Gilbert GE *PLoS ONE* 2013, 8(10): e77143. doi:10.1371/journal.pone.0077143
222. Pucer A., V. Brglez, C. Payré, J. Pungerčar, G. Lambeau, T. Petan - *Molecular Cancer* 2013, 12:111, doi:10.1186/1476-4598-12-111
223. Yagami T., Y. Yamamoto, H. Koma - *Mol. Neurobiology* 2014, 49, 863-876.
224. Kolko M, Vohra R, Westlund van der Burght B, Poulsen K, Nissen MH. - *Mol Vis.* 2014, 20, 511-521.
225. Vargas-Alarcón G., C. Posadas-Romero, T. Villarreal-Molina, E. Alvarez-León, J. Angeles-Martinez, M. E. Soto, I. Monroy-Muñoz, J. G. Juárez, C. J. Sánchez-Ramírez, J. Ramirez-Bello, S. Ramírez-Fuentes, J.M. Fragoso, J.M. Rodríguez-Pérez. - *BioMed Research International* 2014, Article ID 931361, DOI: 10.1155/2014/931361
226. Shridas P., Lubna Zahoor, Kathy J. Forrest, Joseph D. Layne and Nancy R. Webb,

- J. Biol. Chem. 2014, 289, 27410-27417.
227. Rousseau M., C. Belleannee, A.C Duchez, N. Cloutier, T. Levesque, F. Jacques, J. Perron, P. A. Nigrovic, M. Dieude, M.J. Hebert, M. H. Gelb, E. Boilard - PLoS ONE 2015, 10, Issue 1, Article Number: UNSP e0116812.
 228. Joseph D. Layne, Preetha Shridas, and Nancy R. Webb - J. Biol. Chem. 2015; 290:7851-7860.
 229. Rousseau, M., Naika, G.S., Perron, J., Jacques, F., Gelb, M.H., Boilard, E. - PLoS One 2015, 10, Article number e0126204
 230. Murakami, M., Sato, H., Miki, Y., Yamamoto, K., Taketomi, Y. - J. Lipid Res., 2015, 56, 1248-1261
 231. Hallstrand TS, Y. Lai, K. A. Hooper, R. C. Oslund, W. A. Altemeier, G. Matute-Bello, M. H. Gelb - J. Allergy Clin. Immunol. 2016,137, 268-277.
 232. S. Savas, C. Kabaroglu, A. Alpman, F. Sarac, M.A. Yalcin, Z. Parıldar, F. Ozkinay, E. Kumral, F. Akcicek - Exp. Gerontol., 2016, 77, 1-6.
 233. Murakami M., K. Yamamoto, Y. Miki, R. Murase, H. Sato, Y. Taketomi - Advances in Immunology, 2016, 132, 91-134.
 234. Kuksis, A. & Pruzanski, W. Lipids (2017). doi:10.1007/s11745-017-4264-z

In Books

1. Fonteh A.N., Reed W., Samet J.M. – in: Eicosanoid Protocols, Ed. E.A. Lianos, 1999, 91-106.
2. Shimbara, S., Murakami, M., Kambe, T., & Kudo, I. (1999). Comparison Of Recombinant Types IIA, V And IIC Phospholipase A2S, the Three Related Mammalian Secretory Phospholipase A2 Isozymes. In *Eicosanoids and Other Bioactive Lipids in Cancer, Inflammation, and Radiation Injury*, 4 (pp. 209-214). Springer US.
3. R. Homan, M.K. Jain - Intestinal Lipid Metabolism by Charles M. Mansbach II, Patrick Tso, and Arnis Kuksis, 2001, 81-104.
4. Gelb MH, Mounier CM, Hefner Y, Watson SP – in: Platelets in Thrombotic and Non-thrombotic Disorders, Ed. P. Gresele et al., 2002, 221-237.
5. Gelb M., Mounier C.M., Hefner Y., Warson S.P. – in: Platelets in Thrombotic and Non-thrombotic Disorders, Eds. P. Cresele et al., 2002, 238-259.
6. Hanasaki K., Arita H. – in: Advances of Prostaglandin, Leukotriene and Other Bioactive Lipid Research: Basic Science, Ed. Z. Yazc, 2003, 93-96.
7. Kuksis A. – in: “Inositol Phospholipid Metabolism and Phosphatidyl Inositol Kinases (Laboratory Techniques in Biochemistry and Molecular Biology) », 2003.
8. W.F. Gattaz, O.V. Forlenza – in:”Handbook of Medical Psychiatry (Medical Psychiatry, 20) » by Jair C. Soares and Samuel Gershon, 2003, 307-316.
9. C.R. Marion, A.N. Fonteh – in: ”Arachidonate Remodeling and Inflammation (Progress in Inflammation Research) » by Alfred N. Fonteh and Robert L. Wykle, 2004, 37-60.
10. Adreani M., Olivier J.L., Bereziat G. – in: „The Eicosanoids“, Control of eicosanoid production by cellular and secreted phospholipase A2, pp 21-27, Edited by Peter Curtis-Prior, Wiley 2004.
11. Joseph T. O'Flaherty and Robert L. Wykle - in:"The Eicosanoides"" Chapter 54. Biochemical Interactions of Platelet-Activating Factor with Eicosanoids, Published Online: 13 JUL 2004 DOI: 10.1002/0470020628.ch54; Edited by Peter Curtis-Prior, Wiley 2004

12. Murphy R.C., R.C. Bowers, J. Dickinson, K. Zemski-Berry - in: "The Eicosanoides", Chapter 1, "Perspective on the Biosynthesis and Metabolism of Eicosanoides", Edited by Peter Curtis-Prior, Wiley 2004
13. Yili Xie, Lunhua Liu, Xiaochun Huang, Yuewei Guo and Liguang Lou – in: “Scalarial Inhibition of Epidermal Growth Factor Receptor-mediated Akt Phosphorylation Is Independent of Secretory Phospholipase A₂”, Shanghai Institute of Materia Medica, Shanghai Institute for Biological Sciences, Chinese Academy of Sciences, Shanghai 201203, China
14. Farooque S.P., J.P. Arm, T.H. Lee – Lipid Mediators: Leukotrienes, Prostanoides, Lipoxines, and Platelet-activating factor, pp. 566-633; in: “Alergy and Alergic Diseases”, A.B. Kay, A.P. Kaplan, J. Bosquet, P.G. Holt (Eds), Blackwell Publishing, 2008.
15. Taketomi Y., Murakami M. – Phospholipase A₂ as a potential drug target for airway disorders, – in “Obstructive Airway Diseases: Role of Lipid Mediators”, Eds. Abhijit Ray, Punit Kumar Srivastava, CRC Press 2011, pp. 42-60.
16. Shimbara S., M. Murakami, T. Kambe, I. Kudo - in: "Eicosanoids and Other Bioactive Lipids in Cancer, Inflammation, and Radiation Injury, 4", Eds. Kenneth V. Honn, Lawrence J. Marnett, Santosh Nigam, Edward A. Dennis, Springer Science & Business Media, 1.12.2013 г.
17. Rivas S., T. Heitz - in: Phospholipases in Plant Signaling, Signaling and Communication in Plants Volume 20, 2014, pp 183-205; X. Wang (ed.), Springer-Verlag, Berlin Heidelberg 2014
18. Pruzanski W. – in:” Phospholipase A₂: Quo Vadis? », Universidad Nacional De La Plata, Facultad de Ciencias Medicas, 2015.
19. Murakami M., Y. Taketomi - in: "Phospholipase A₂"; **Chapter in Bioactive Lipid Mediators**, pp 23-42; Eds. Takehiko Yokomizo and Makoto Murakami, Tokyo Metropolitan Institute of Medical Science, 2-1-6 Kamikitazawa, Setagaya, Tokyo, 156-8506, Japan, 2015.
20. M. Murakami, K. Yamamoto, Y. Miki, R. Murase, H. Sato, Y. Taketomi - Advances in Immunology, 2016, 132, Elsevier Inc. ISSN 0065-2776, Chapter 4, “The Roles of the Secreted Phospholipase A₂ Gene Family in Immunology”, 92-119.
<http://dx.doi.org/10.1016/bs.ai.2016.05.00>
21. Talbot K., H-Y. Wang - in: "Brain Insulin Resistance and Its Treatment in Neurodegenerative Disorders", University of California, Los Angeles, City College of New York, 2017 (Priject).

In Theses

1. Paul E. Kowalski - *Novel genetic effects of a human endogenous retrovirus insertion* (Doctoral dissertation, University of British Columbia). 1998
2. Момчилова-Панкова А.Б. – „Структурна организация и моделиране на липидния бислой в биологични мембрани” – Докторска дисертация (дбн), София 2002.
3. Coulon L. – in: “Effet d’un hyperperoxyde lipidique et des LDL oxides sue les enzymes impliquees dans la liberation de l’acide arachidonique des phospholipides plaquettaires », These, Institut National des Sciences Appliquees de Lyon, 2004.
4. Barrios-Ridiles M. – in “Regulation of Cyclooxygenase-2 Expression in Human Macrophages”, Theses, Inst. Of Pharmacology, Mc Gill University, Montreal, January 2000.
5. Thorén, Staffan - Characterization of human glutathione-dependent microsomal prostaglandin E synthase-1, Karolinska Institutet, Stockholm, Sweden 2003.
6. Yvonne Markert - in: “Gewinnung und gentechnische Modifizierung einer rekombinanten Phospholipase A₂ zur industriellen Anwendung”, Dissertation Zur Erlangung des

akademischen Grades Doctor rerum naturalium (Dr.rer.nat.), Martin-Luther-Universität Halle-Wittenberg, 14.07.2004.

7. Thorwart, Bettina - Funktion des Rezeptors der sekretorischen Phospholipasen A₂ bei der Signaltransduktion in glomerulären Mesangiumzellen und entzündlichen Erkrankungen der Niere, Dissertation zur Erlangung des Grades „Doktor der Naturwissenschaften“ am Fachbereich Biologie der Johannes Gutenberg-Universität in Mainz, 2006.
8. William Lee Titsworth - A Possible Role for sPLA₂ in Oligodendrocyte Death and Spinal Cord Injury, Kentucky Spinal Cord Injury Research Center, Kentucky, USA 2008.
9. Erin Dalene Olson - A Comparative Analysis of Hydrolysis Kinetics by sPLA₂ Isoforms During Apoptosis in S49 Cells, Department of Physiology & Developmental Biology *Brigham Young University*, 2008.
10. Jemel Ikram - La phospholipase A₂ sécrétée de groupe X : Maturation protéolytique et rôles fonctionnels UNIVERSITE DE NICE-SOPHIA-ANTIPOLIS - UFR Sciences Ecole Doctorale des Sciences de la Vie et de la Santé, 2009.
11. Lapointe, Stéphanie - Rôle de la phospholipase A₂ de type V dans le recrutement de leucocytes au foyer inflammatoire, Thèses de l'Université de Montréal, 2009.
12. MA MAY THU - Role of Phospholipase A₂ in Orofacial Pain and Synaptic Transmission, A THESIS SUBMITTED FOR THE DEGREE OF DOCTOR OF PHILOSOPHY, DEPARTMENT OF ORAL AND MAXILOFACIAL SURGERY, FACULTY OF DENTISTRY, NATIONAL UNIVERSITY OF SINGAPORE 2011
13. Holly Jane Exeter - in: "The Genetic Architecture of Secretory PLA₂ (sPLA₂) Genes and their Impact on sPLA₂ Activity/Mass and Association with CHD Risk"; A thesis submitted in accordance with the regulations of the University College London for the degree of Doctor of Philosophy, University College London 2012.
14. Moga, Justin - "Production of Phospholipase A₂ in A549 Human Lung Epithelial Cells is Induced by Cytokines," *Colgate Academic Review*: Vol. 8, Article 12. (2012) Available at: <http://commons.colgate.edu/car/vol8/iss1/12>
15. Sergouniotis, P.I.; Genetic and phenotypic heterogeneity in autosomal recessive retinal disease. Doctoral thesis, UCL (University College London) (2012)
16. Joseph D. Layne Jr, - Novel insights into the function and regulation of group X secretory phospholipase A₂ *University of Kentucky*, 2013.
17. Krishna Chaithanya Batchu - in: "Factors Regulating the Substrate Specificity of A-type Phospholipases - A Mass-Spectrometric study", Academic Dissertation, Faculty of Biological and Environmental Sciences, University of Helsinki, 2016.

In Catalogues:

1. UniProtKB/Swiss-Prot entry O15496 - Integrated into Swiss-Prot on December 15, 1998
2. Gene map locus [16p13.1-p12](#) - 603603 Phospholipase A₂, GroupX; PLA2G10 3/3/1999
3. Gen Way - Secreted Phospholipase A₂-X (sPLA₂-X) Human recombinant protein (10-663-45347) GenWay Biotech, Inc. 6777 Nancy Ridge Drive, San Diego, CA 92121
4. GeneCard for protein-coding PLA2G1B GC12M119222 - Phospholipase A₂, group IB (pancreas), 2003.
5. GeneCard for protein-coding PLA2G2D GC01M020183 - Phospholipase A₂, group IID, 2003.
6. GeneCard for protein-coding PLA2G10 GC16M014673 - Phospholipase A₂, group X, 2003.
7. Cayman Chemical - 160512 sPLA₂ (murine Type V) Polyclonal Antibody, Secretory Phospholipase A₂ (murine group V), 2006.

8. Brenda - Entry of phospholipase A2 (EC-Number 3.1.1.4); PubMedID 9188469
9. Creative BioMart - Human, Recombinant (rHuPLA2 X), Expressed in *E. Coli*
Cat. No. CEZ70P

Patents that cite:

1. DIAGNOSTIC AND SCREENING METHODS AND KITS ASSOCIATED WITH PROTEOLYTIC ACTIVITY
(2006) BUTT, Tauseef R., BERNAL, Alejandro
Patent record available from the World Intellectual Property Organization (WIPO)
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO2006002100&F=0>
2. USE OF A PHOSPHOLIPASE A2 FOR THE PREPARATION OF PHARMACEUTICAL AND/OR COSMETIC COMPOSITIONS FOR THE LOCAL AND/OR SYSTEMATIC TREATMENT AND/OR PREVENTION OF DISEASES AND/OR PROCESSES CAUSED BY INTRA- AND EXTRACELLULAR PATHOGENS EXPRESSING MEMBRANE PHOSPHOLIPIDS
(2004) Costa, Luis Alberto, Garcia Villarrubia, Vicente
Patent record available from the European Patent Office
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=EP1391207&F=0>
3. REMEDIES FOR ARTERIOSCLEROSIS
(2004) SAIGA, Akihiko, ONO, Takashi, YAMADA, Katsutoshi, HANASAKI, Kohji
Patent record available from the European Patent Office
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=EP1378246&F=0>
4. FLUORESCENT PHOSPHOLIPASE ASSAYS AND COMPOSITIONS
(2005) GRAHAM, Ronald J.
Patent record available from the World Intellectual Property Organization (WIPO)
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO2005005977&F=0>
5. REMEDIES FOR CANCER
(2003) It is provided that type-X sPLA 2 inhibitors are useful in preventing or treating cancer.
Patent record available from the European Patent Office
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=EP1300159&F=0>
6. Human secretory type phospholipase A2
(2005) Ishizaki, Jun, Suzuki, Noriko, Hanasaki, Kohji
Patent record available from the US Patent Office
<http://patft.uspto.gov/netacgi/nph-Parser?patentnumber=6%2c967%2c095>
7. Remedies for cirrhosis
(2005) Hanasaki, Kohji, Ikeda, Minoru, Ono, Takashi
Patent record available from the US Patent Office
<http://patft.uspto.gov/netacgi/nph-Parser?patentnumber=6%2c967%2c200>
8. GENE ENCODING NOVEL HUMAN SECRETORY PHOSPHOLIPASE A 2?
(2002) Patent record available from the European Patent Office
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=EP1223214&F=0>
9. Gene encoding novel human secretory phospholipase A2
(2005) Ishizaki, Jun, Suzuki, Noriko, Hanasaki, Kohji
Patent record available from the US Patent Office
<http://patft.uspto.gov/netacgi/nph-Parser?patentnumber=6%2c872%2c557>
10. ANTISENSE MODULATION OF PHOSPHOLIPASE A2 GROUP V EXPRESSION
(2003) BENNETT, C., Frank, WYATT, Jacqueline R.

- Patent record available from the World Intellectual Property Organization (WIPO)
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO03038050&F=0>
11. HUMAN SECRETORY PHOSPHOLIPASE A2
(2001) Patent record available from the European Patent Office
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=EP1143005&F=0>
 12. ANTISENSE MODULATION OF PHOSPHOLIPASE A2, GROUP IIA (SYNOVIAL) EXPRESSION
(2002) BENNETT, C., Frank, WYATT, Jacqueline R.
Patent record available from the World Intellectual Property Organization (WIPO)
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO02097133&F=0>
 13. USE OF A PHOSPHOLIPASE A2 FOR THE PREPARATION OF PHARMACEUTICAL AND/OR COSMETIC COMPOSITIONS FOR THE LOCAL AND/OR SYSTEMATIC TREATMENT AND/OR PREVENTION OF DISEASES AND/OR PROCESSES CAUSED BY INTRA- AND EXTRACELLULAR PATHOGENS EXPRESSING MEMBRANE PHOSPHOLIPIDS
(2002) COSTA, Luis, Alberto, GARCÍA VILLARRUBIA, Vicente
Patent record available from the World Intellectual Property Organization (WIPO)
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO02085391&F=0>
 14. Recombinant antibacterial group IIA phospholipase A2 and methods of use thereof
(2004) Weiss, Jerrold, Elsbach, Peter, Liang, Ning-Sheng
Patent record available from the US Patent Office
<http://patft.uspto.gov/netacgi/nph-Parser?patentnumber=6%2c767%2c538>
 15. Tricyclic azaindolizine derivatives having an sPLA2-inhibitory activities
(2004) Fuji, Masahiro, Okada, Tetsuo, Adachi, Makoto
Patent record available from the US Patent Office
<http://patft.uspto.gov/netacgi/nph-Parser?patentnumber=6%2c756%2c376>
 16. Human secretory type phospholipase a2
(2004) Ishizaki, Jun, Suzuki, Noriko, Hanasaki, Kohji
Patent record available from the US Patent Office
<http://patft.uspto.gov/netacgi/nph-Parser?patentnumber=6%2c756%2c219>
 17. Tricyclic compounds having sPLA2-inhibitory activities
(2004) Ohtani, Mitsuaki, Fuji, Masahiro, Adachi, Makoto, Ogawa, Tomoyuki
Patent record available from the US Patent Office
<http://patft.uspto.gov/netacgi/nph-Parser?patentnumber=6%2c703%2c385>
 18. CLONING AND RECOMBINANT EXPRESSION OF MAMMALIAN GROUP XII SECRETED PHOSPHOLIPASE A
(2002) VALENTIN Emmanuel
Patent record available from the World Intellectual Property Organization (WIPO)
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO0231127&F=0>
 19. IMMUNOASSAY METHOD FOR X-TYPE PHOSPHOLIPASE A
(2001) (HANASAKI, Kohji), (IMAGAWA, Keiichi), (MASUTA, Keiichi)
Patent record available from the World Intellectual Property Organization (WIPO)
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO0190195&F=0>
 20. Recombinant antibacterial group IIA phospholipase A2 and methods of use thereof
(2002) Weiss, Jerrold, Elsbach, Peter, Liang, Ning-Sheng
Patent record available from the US Patent Office
<http://patft.uspto.gov/netacgi/nph-Parser?patentnumber=6%2c475%2c484>

21. Antisense modulation of phospholipase A2, group VI (Ca²⁺-independent) expression (2002) Bennett, C. Frank, Freier, Susan M., Watt, Andrew T.
Patent record available from the US Patent Office
<http://patft.uspto.gov/netacgi/nph-Parser?patentnumber=6%2c410%2c325>
23. Human phospholipase A2 protein (2002) Hawkins, Phillip, Bandman, Olga, Guegler, Karl, Shah, Purvi, Gorley, Neil
Patent record available from the US Patent Office
<http://patft.uspto.gov/netacgi/nph-Parser?patentnumber=6%2c399%2c301>
23. HUMAN SECRETORY PHOSPHOLIPASE A (2000) ISHIZAKI, Jun, SUZUKI, Noriko, HANASAKI, Kohji
Patent record available from the World Intellectual Property Organization (WIPO)
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO0034486&F=0>
25. HUMAN PHOSPHOLIPASE A2 PROTEIN AND DNA ENCODING IT (1999) HAWKINS, Phillip R., BANDMAN, Olga, GUEGLER, Karl J., SHAH, Purvi, CORLEY, Neil C.
Patent record available from the World Intellectual Property Organization (WIPO)
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO9924587&F=0>
26. Human phospholipase A2 protein (2000) Hawkins, Phillip R., Mountain View, CA, Bandman, Olga, Mountain View, CA, Guegler, Karl J., Menlo Park, CA, Shah, Purvi, Sunnyvale, CA, Corley, Neil C., Mountain View, CA
Patent record available from the US Patent Office
<http://patft.uspto.gov/netacgi/nph-Parser?patentnumber=6%2c103%2c469>
59. **Arbibe, F., Koumanov, K.S., Vial D., Rougeot C., Faure G., Havrt N., Longacre S., Vargaftig, B.B., Bereziat, G., Voelker D.R., Wolf, C., Touqui, L.**
Generation of lyso-phospholipids from surfactant in acute lung injury is mediated by type II phospholipase A2 and inhibited by a direct surfactant protein A-phospholipase A2 protein interaction –
J. Clin. Invest. 1998, 102, 1152-1160.
1. Snyder D.W., Bach NJ, Dillard RD, Draheim SE, Carlson DG, Fox N, Roehm NW, Armstrong CT, Chang CH, Hartley LW, Johnson LM, Roman CR, Smith AC, Song M, Fleisch JH. – *J. Pharmacol. Exp. Ther.* 1999, 288, 1117-1124.
2. Berger A., Havet N, L, Dumarey C, Watson ML. – *Am. J. Resp. Crit. Care Med.* 1999, 159, 613-618.
3. Murakami M., Kambe T, Shimbara S, Yamamoto S, Kuwata H, Kudo I – *J. Biol. Chem.* 1999, 274, 29927-29936.
4. Myszka D.G. – *J. Mol. Recognit.* 1999, 12, 390-408.
5. Holopainen R., Aho H, Laine J, Peuravuori H, Soukka H, Kaapa P. – *Pediatr. Res.* 1999, 46, 626-632.
6. Lambeau G., Lazdunski M. - *Trends Pharmacol. Sci.* 1999, 20, 162-170.
7. Fonteh. A.N., Atsumi G, LaPorte T, Chilton FH. – *J. Immunol.* 2000, 165, 2773-2782.
8. Ferguson J.S., Schlesinger L.S. – *Tubercul. Lung Dis.* 2000, 80, 173-184.
9. Valentin E., Lambeau G. – *Biochimie* 2000, 82, 815-831.
10. Faure G. – *Biochimie* 2000, 82, 833-840 .
11. Tausch H.W. – *Biol. Neonate* 2000, 77, 2-8.

12. Suzuki N., Ishizaki J, Yokota Y, Higashino K, Ono T, Ikeda M, Fujii N, Kawamoto K, Hanasaki K.– J. Biol. Chem. 2000, 275, 5785-5793.
13. Lawson P.R., Reid KB. – Immunol. Rev. 2000, 173, 66-78.
14. Francis X. McCormack – Ped. Pathol. Mol. Med. 2000, 20, 293 – 318
15. Lu, K.W., H. W. Tausch, B. Robertson, J. Goerke, J.A. Clements - Am. J. Respir. Crit. Care Med., 2000, 162, 623-628.
16. Rosenfeld R.A., , X. Liu, I. Deplaen, W. Hsueh - Am. J. Physiol. Gastrointest Liver Physiol. 2001, 281, G957-G963.
17. Kuwabara K. Furue S, Tomita Y, Ueno M, Ono T, Matsukawa A, Yoshinaga M.– Eur. J. Pharmacol. 2001, 433, 209-216.
18. Tausch H.W., Keough K.M.W. – Pediatr. Pathol. Mol. M 2001, 20, 519-536.
19. Kaapa P. - Acta Paediatr. 2001, 90, 365-367.
20. Schrama A.J., de Beaufort AJ, Sukul YR, Jansen SM, Poorthuis BJ, Berger HM.– Acta Paediatr. 2001, 90, 44412-416.
21. Furue S. Mikawa K, Nishina K, Shiga M, Ueno M, Tomita Y, Kuwabara K, Teshirogi I, Ono T, Hori Y, Matsukawa A, Yoshinaga M, Obara H. – Crit. Care Med. 2001, 29, 719-727.
22. McCrae K.C., Rand T, Shaw RA, Mason C, Oulton MR, Hastings C, Cherlet T, Thliveris JA, Mantsch HH, MacDonald J, Scott JE – Chem. Phys. Lipids 2001, 110, 1-10.
23. Inoue S., Ikeda K. – Seikagaku 2001, 73, 92-96.
24. Wu J., Singer M., Thouron F. – Am. J. Physiol. Lung Cell Mol Physiol. 2002, 282, 743-750.
26. Higashino K. – J. Biol. Chem. 2002, 277, 13583-13588.
27. Aldridge A.J. - Eur. J. Surg. 2002, 168, 204-214.
28. Kudo I. and Murakami M. – Prostagl.Other Lipid Med. 2002, 68-69, 3-58.
29. Hanasaki K. and Arita H. – Prostagl.Other Lipid Med. 2002, 68-69, 71-72.
30. Panther, E., Idzko, M., Corinti, S., Ferrari, D., Herouy, Y., Mockenhaupt, M., Dichmann, S., Gebicke-Haerter, P., Di Virgilio, F., Girolomoni, G., Norgauer, J. – J. Immunol. 2002,169, 4129-4135.
31. 何勇 许峰 匡凤梧 (Scholar google) – J. Appl. Clin. Ped. 2002, 17, 142-144.
32. Nanjundan M. and Possmayer F. – Am. J. Physiol. 2003, 284, 1-23.
33. De Perot M., Lui M., Waddell T.K., Kashavjee S. – Am. J. Resp. Crit. Care Med. 2003, 167, 490-511.
34. Nagase T., Uozumi N., Aoki-Nagase T., Terawaki K., Ishii S., Takao Shimizu T. – Am. J. Physiol. 2003, 284, L720-L726.
35. Boilard E., Bourgoin S.G., Bernatchez C., Surette M.E. – Blood 2003, 102 (8): 2901-2909
36. Wang, Z., A. L. Schwan, L. L. Lairson, J. S. O'Donnell, G. F. Byrne, A. Foye, B. A. Holm, R. H. Notter – Am. J. Physiol. 2003, 285, L550-L559.
37. Okada S., Li Q., Whitin J.C., Clayberger C., Krensky A.M. – J. Immunol. 2003, 171: 2556-2562.
38. Eric Boilard, Sylvain G. Bourgoin, Chantale Bernatchez and Marc E. Surette - Blood, 2003, 102, 2901-2909.
39. Paddle BM – J. Appl. Toxicol. 2003, 23, 139-170.
40. Charkraborti S – Cell Signal. 2003, 15, 637-665.
41. Kostopanagiotou G, Routsis C, Smyrniotis V – Hepatology 2003, 1130-1138.

42. Michael H. Gelb, Ph.D and Gerard Lambeau – Cayman Chemical Currents | Issue 14 • Summer 2003
43. M. Idzko, M. Laut, E. Panther, S. Sorichter, T. Dürk, J.W. Fluhr, Y. Herouy, M. Mockenhaupt, D. Myrtek, P. Elsner, J. Norgauer - *J. Immunol.*, 2004; 172: 4480 - 4485.
44. Kuypers FA, Styles LA – *Cell Mol. Biol.* 2004, 50, 87-94.
45. Renkl A, Berod L, Mockenhaupt M – *Int. J. Mol. Med.* 2004, 13, 203-209.
46. de Vroeghe R., W. van Oeveren, J. van Klarenbosch, W. Stooker, M. A. J. M. Huybregts, C. E. Hack, L. van Barneveld, L. Eijnsman, C. R. H. Wildevuur - *Anesth Analg* 2004; 98:1586-1594
47. Gimenez, A.P., Yong-Zheng Wu, Miguel Paya, Christophe Delclaux, Lhousseine Touqui and Pierre L. Goossens - *Journal of Immunology*, 2004, 173: 521-530.
48. Sato H., Frank DW. – *Mol. Microbiol.* 2004 , 53 (5): 1279-1290
49. Murakami M, Kudo I. – *Biol. Pharmac. Bull.* 2004, 27 (8): 1158-1164
50. Hayakawa J, Okabayashi Y. – *J. Parnaceut. Biomed. Analysis* 2004, 35 (3): 583-592
51. Shu, S.-Y., Wang, X.-Y., Ling, Z.-Y., Lu, Z.-Y. - *Chinese J. Traumatol.* 2004, 7, 239-243.
52. Shu, S.-Y., Wang, X.-Y., Lu, Z.-Y. - *Chinese Pharmaceut. J.* 2004, 39, 512-514.
53. Vadasz I, RE Morty, MG Kohstall, A Olschewski, F Grimminger, W Seeger, H A Ghofrani - *Am. J. Respir. Crit. Care Med.* 2005, 171, 469-479.
54. Ram A., Gangl SV, Ghosh B. – *Int. Immunopharmacol.* 2004, 4, 1697-1707.
55. 马晓薇 曹相原 - Pulmonary surfactant protein A and acute lung injury *J. Ningxai Med. Coll.* 2004, 26 (3) 210-214.
56. Kihara, Y. , Yoshikawa, H. , Honda, H. , Fukumitsu, K.-I. , Yamaguchi, T. , Otsuki, M. - *Pancreas*, 2005, 31, 48-53.
57. Wheeler, D.S. - *Critical Care Medicine* 2005, 33, 904-905.
58. Nakos, G., Kitsioli, E., Hatzidaki, E., Koulouras, V., Touqui, L., Lekka, M.E. - *Critical Care Medicine* 2005, 33, 772-779.
59. Neidlinger, N.A., Hirvela, E.R., Skinner, R.A., Larkin, S.K., Harken, A.H., Kuypers, F.A. – *J. Amer. Coll. Surg.* 2005, 200, 173-178.
60. Korotaeva, A.A., Samoilova, E.V., Kaminny, A.I., Pirkova, A.A., Resink, T.J., Erne, P., Prokazova, N.V., Tkachuk, V.A., Chazov, E.I. – *Mol. Cell. Biochem.* 2005, 270, 107-113.
61. Bowton, D.L., Dmitrienko, A.A., Israel, E., Zeiher, B.G., Sides, G.D. – *J. Asthma* 2005, 42, 65-71.
62. Okumura K., A. Ohno, M. Nishida, K. Hayashi, K. Ikeda, S. Inoue - *J. Biol. Chem*, 2005, 280, 37651-37659.
63. Wu Y.Z., Y. Manevich, J. L. Baldwin, C. Dodia, K. Yu, S. I. Feinstein, A. B. Fisher - *J. Biol. Chem.* 2006, 281, 7515-7525.
64. Reid, R.C. - *Current Medicinal Chemistry* 2005, 12, 3011-3026.
65. Hite, R.D., Seeds, M.C., Jacinto, R.B., Grier, B.L., Waite, B.M., Bass, D.A. – *Biochim. Biophys. Acta - Biomembranes* 2005, 1720, 14-21.
66. 王继武 段明科 (Scholar google) – *Chinese J. Coal Ind. Med.* 2005, 8, 1039-1041.
67. Morty, R.E, Kohstall, M.G, Olschewski, A, et al. – *Am. J. Resp. Crit. Care Med.*, 2005
68. Demoule, A., Decailliot, F., Jonson, B., Christov, C., Maitre, B., Touqui, L., Brochard, L., Delclaux, C. - *Intensive Care Medicine* 2006, 32, 413-420.
69. Sippola T., H. Aho, H. Peuravuori, H. Lukkarinen, J. Gunn, P. Kaapa - *Pediatric Research* 2006, 59, 641-645.
70. Barekzi, E., Roman, J., Hise, K., Georas, S., Steinke, J.W. – *Prostagl. Leukotr. Essent. Fatty Acids* 2006, 74, 357-363.

71. Bellido-Reyes YA, Akamatsu H, Kojima K, Arai H, Tanaka H, Sunamori M – Transplantation 2006, 81 1700-1707.
72. Krijnen, P.A.J., Meischl, C., Nijmeijer, R., Visser, C.A., Hack, C.E., Niessen, H.W.M. - Cardiovasc. Hematol. Dis.- Drug Targets 2006, 6, 111-121.
73. Giri S., Khan M., Rattan R., Singh I., Singh A.K. – J. Lipid Res. 2006, 47, 1478-1492.
74. Ishii T., Y. Takanezawa, J. Aoki, H. Arai, K. Yamamoto, I. Kudo, M. Murakami - J. Biol. Chem., Sep 2006, 281, 36420-36433.
75. Demoule A, Decailliot F, Jonson B, Christov C, Maitre B, Touqui L, Brochard L, Delclaux C – Intens. Care Med. 2006, 32, 413-420.
76. Boilard, E., M. Rouault, F. Surrel, C. Le Calvez, S. Bezzine, Alan Singer, M.H. Gelb, G. Lambeau - Biochemistry 2006, 45, 13203-13218.
77. Triggiani, M., F. Granata, A. Frattini, G. Marone – BBA, 2006, 1761, 1289-1300.
78. Ohtsuki M., Y. Taketomi, S. Arata, S. Masuda, Y. Ishikawa, T. Ishii, Y. Takanezawa, J. Aoki, H. Arai, K. Yamamoto, I. Kudo, M. Murakami - J. Biol. Chem., 2006, 281, 36420-36433.
79. Brueseke T. J., J.D. Bell – BBA, 2006, 1761, 1245-1400.
80. Kwatia MA, CB Doyle, W Cho, G Enhorning, SJ Ackerman – J. Allergy Clin. Immunol. 2007, 119, 838-847.
81. Wang Z, Y Chang, AL Schwan, RH Notter - Am. J. Respir. Cell Mol. Biol. 2007, 37, 387-394.
82. Tausch H. W., E. Dybbro, K. W. Lu - Colloids and Surfaces B: Biointerfaces 2008, 62, 243-249
83. Chamogeorgakis T. P., G. G. Kostopanagiotou, C. A. Kalimeris, G. I. Kabouroglou, A. N. Kourtesis, C. J. Routsis, C. C. Dima, I. K. Toumpoulis - ANZ Journal of Surgery 2008, 78, 72-77.
84. Cubells L., S. Vilà de Muga, F. Tebar, J. V. Bonventre, J. Balsinde, A. Pol, T. Grewal, C. Enrich - J. Biol. Chem, 2008, 283: 10174 – 10183.
85. Hurley B.P., B.A. McCormick - Infect. Immun. 2008; 76: 2259 - 2272.
86. Curfs D. M. J, S. A. I. Ghesquiere, M. N. Vergouwe, I. van der Made, M. J. J. Gijbels, D. R. Greaves, J. Sjeff Verbeek, M. H. Hofker, M. P. J. de Winther - J. Biol. Chem, J. Biol. Chem., 2008, 283, 21640-21648.
87. Divchev, D., Schieffer, B. - Vascular Health and Risk Management 2008, 4, 597-604.
88. De Luca, D., Baroni, S., Vento, G., Piastra, M., Pietrini, D., Romitelli, F., Capoluongo, E., Romagnoli, C., Conti, G., Zecca, E. - Intensive Care Medicine 2008, 34, 1858-1864.
89. Wolfson, M.R., Funanage, V.L., Kirwin, S.M., Pilon, A.L., Shashikant, B.N., Miller, T.L., Shaffer, T.H. – Am. J. Perinatology 2008, 25, 637-645.
90. Giannattasio G., Y. Lai, F. Granata, C. M. Mounier, L. Nallan, R. Oslund, C. C. Leslie, G. Marone, G. Lambeau, M. H. Gelb, M. Triggiani – Biochim. Biophys. Acta - Molecular and Cell Biology of Lipids 2009, 1791, 92-102.
91. Kaapa, P., Soukka, H. - Journal of Perinatology 2008, 28, S120-S122.
92. Boyanovsky, B.B., Webb, N.R. - Cardiovascular Drugs and Therapy 2009, 23, 61-72.
93. Kitsioulis, E., Nakos, G., Lekka, M.E. – Biochim. Biophys. Acta - Molecular Basis of Disease 2009, 1792, 941-953.
94. Travieso Novelles, M.C., Blanco Hidalgo, O. - Revista Cubana de Investigaciones Biomedicas 2009, 28, Issue 2, April
95. Schrama AJJ, Elferink JGR, Hack CE, de Beaufort AJ, Berger HM, Walther FJ - Neonatology 2010, 97, 1-9.
96. Wynalda, K.M., Murphy, R.C. - Chemical Research in Toxicology 2010, 108-117.

97. Karen, M., Yuksel, O., Akyürek, N., Ofluoğlu, E., Çağlar, K., Şahin, T.T., Paşaoğlu, H., Memiş, L., Akyürek, N., Bostanci, H. – *J.Surgical Res.* 2010, 160, 139-144.
98. Iwanicki, J.L., Lu, K.W., Taeusch, H.W. – *Exp. Lung Res.* 2010, 36, 167-174.
99. Lu, T.H., Chen, C.H., Lee, M.J., Ho, T.J., Leung, Y.M., Hung, D.Z., Yen, C.C., He, T.Y., Chen, Y.W. – *Toxicol. Lett.*, 2010, 194, 70-78.
100. Sato R., Yamaga S., Watanabe K., Hishiyama S., Kawabata K., Kobayashi T., Fujioka D., Saito Y., Yano T., Watanabe K., Watanabe Y., Ishihara H., Kugiyama K. – *Exp. Lung Res.*, 2010, 36, 191-200
101. Murakami M., Y. Taketomi, C. Girard, K. Yamamoto, G. Lambeau - *Biochimie* 2010, 92, 561-582
102. Schrama AJJ, Elferink JGR, Hack CE, de Beaufort AJ, Berger HM, Walther FJ. - *Neonatology* 2010;97:1-9.
103. den Hengst W. A., J. F. Gielis, J. Y. Lin, P.E. Van Schil, L. J. De Windt, A. L. Moens - *Am J Physiol Heart Circ Physiol* 2010; 299: H1283 - H1299.
104. Zhang, X.-M., Chen, H.-L., Wang, Z.-H. - *Chinese Critical Care Medicine* 2010, 22, 518-521.
105. Murakami M., Y. Taketomi, Y. Miki, H. Sato, T. Hirabayashi, K. Yamamoto – *Progr.Lipid Res.* 2011, 50, 152–192.
106. Murakami M., H. Sato, Y. Taketomi, K. Yamamoto - *Int. J. Mol. Sci.* 2011, 12, 1474-1495.
107. Zhao J., D. He, E. Berdyshev, M. Zhong, R. Salgia 4, A. J. Morris, S.S. Smyth, V. Natarajan, Y. Zhao – *Biochem. J.* 2011, 439, 45-55.
108. Damas J.E., M.H. Cake - *Am J Physiol Lung Cell Mol Physiol.* 2011, 301:L966-L974.
109. Sribar, J. , Križaj, I. - *Acta Chimica Slovenica* 2011, 58, 678-688.
110. Duncan Hite R., B.L. Grier, B. M. Waite, R.A. Veldhuizen, F. Possmayer, L.-J. Yao, M.C. Seeds - *Am J Physiol Lung Cell Mol Physiol*, Jan 2012; 302: L257 - L265.
111. Karray A., Y. Ben Ali, J. Boujelben, S. Amara, F. Carrière, Y. Gargouri, S. Bezzine - *Biochimie* 2012, 94, 451–460
112. Blache D., T. Gautier, U. J. F. Tietge, L. Lagrost - *FASEB J.* 2012; 26, 927 - 937.
113. Karray, A, Ben Ali, Y, Boujelben, J, Amara, S, Carriere, F, Gargouri, Y, Bezzine, S. -2012, 94, 451-460.
114. Seeds, MC , Grier, BL , Suckling, BN , Safta, AM , Long, DL , Waite, BM , Morris, PE , Hite, RD – *Am.J. Med. Sci.* 2012, 343, 446-451.
115. Blanco O., Y. Lugones, O. Fernández, R. Faure - *Biotecnol Apl* 2012, 29, 53-59.
116. Dushianthan, A., Cusack, R., Goss, V., Postle, A.D., Grocott, M.P.W. - *Critical Care* 2012, 16, Issue 6, 22 November 2012, Article number238
117. Machado-Aranda D., Z. Wang, Bi Yu, M.V. Suresh, R.H. Notter, K. Raghavendran - *Surgery*, 2013, 153, 25–35.
118. Wheelock CE, VM. Goss, D. Balgoma, B. Nicholas, J.Brandsma, P. J. Skipp, S. Snowden, A. D'Amico, I. Horvath, A.Chaiboonchoe, H. Ahmed, S. Ballereau, C. Rossios, K. Fan Chung, P. Montuschi, S. J. Fowler, I. M. Adcock, A. D. Postle, S.-E.Dahlén, A. Rowe, P.J. Sterk, C. Auffray, R. Djukanović and the UBIOPRED Study Group - *Eur. Resp. J.* February 8, 2013 as doi: 0.1183/09031936.00078812
119. De Luca D., Venditelli F., Trias J., Fraser H., Minucci A., Gentile L., Perez-Gil J., Antonelli M., Capoluongo E.D. - *Curr. Pharm. Biotechnol.*, 2013, 14, 445-448.

120. De Luca D, E. Lopez-Rodriguez, A. Minucci, F. Vendittelli, L. Gentile, E. Stival, G. Conti, M. Piastra, M. Antonelli, M. Echaide, J. Perez-Gil, E. D. Capoluongo - *Critical Care* 2013, **17**:R163 doi:10.1186/cc12842
121. Wheelock C.E., V.M. Goss, D. Balgoma...R. Djukanovic - *Eur. Respir. J.*, 2013, 42, 802-825.
122. Gotzev R., Kenarov P. - *Anesth. Invas. Care* 2013, 42, 43-49.
123. Romero R., B. H. Yoon, P. Chaemsaitong, J. Cortez, C.W., Park, R. Gonzalez, E. Behnke, S. S. Hassan, F. Gotsch, L. Yeo, T. Chaiworapongsa - *J. Maternal-Fetal and Neonatal Med.* 2014 27, 975-983.
124. Zhuge Y., Y. Yuan, R. van Breemen, M. De Grand, O. Holian, M. Yoder, H. Lum - *Allergy Asthma Immunol. Res.* 2014, 6, 66-74.
125. Yoder M., Y. Zhuge, Y. Yuan, O. Holian, S. Kuo, R. van Breemen, L. L. Thomas, H. Lum - *Allergy Asthma Immunol. Res.* 2014, 6, 61-65.
126. Malacrida L., G. Reta, H. Piriz, F. Rocchiccioli, H. Botti, A. Denicola, A. Briva - *Pulmonary Pharmacology & Therapeutics* 2014, 28, 122-129.
127. Lamonica G., M. Amigoni, L. Vedovelli, V. Zambelli, M. Scanziani, G. Bellani, A. Grassi, M. Simonato, V. P. Carnielli, P. E. Cogo - *J Appl Physiol*, Jan 2014; 116: 210 - 215.
128. Yu L., Y. Ding, T. Huang, X. Huang - *Int. J. Endocrinol.* 2014, Volume 2014, 2014, Article number 308274
129. Sribar J., J. Oberčkal, I. Križaj - *Toxicol* 2014, 89, 9-16
130. Zhou, Min; Osanai, Kazuhiro; Kobayashi, Makoto; Oikawa, Taku; Nakagawa, Ken; Mizuno, Shiro; Muraki, Yasushi; Toga, Hirohisa - *Critical Care Medicine* 2014, 42, e716–e724.
131. Tsao FHC, Xiang Z, Meyer KC - *Transl Med (Sunnyvale)* 2015, 5:2,doi.org/10.4172/2161-1025.1000150
132. To, Kelvin K.W., Kim-Chung Lee, Samson S.Y. Wong, Kong-Hung Sze, Yi-Hong Ke, Yin-Ming Lui, Bone S.F. Tang, Iris W.S. Li, Susanna K.P. Lau, Ivan F.N. Hung, Chun-Yiu Law, Ching-Wan Lam, Kwok-Yung Yuen – *Diagnostic Microbiol. Infect. Dis.* 2016, 85, 249-254.
133. Antollini, S.S., Barrantes, F.J. - *Frontiers in Physiology* 2016, 7, Article number 573

In Books.

1. E.J. Goetzl, H. Lee, G.J. Tigyi – in: “Cytokine Reference: A Compendium of Cytokines and Other Mediators of Host Defense (Individual Version) » by Marc Feldman, Scott K. Durum, Toshio Hirano, and Jan Vilcek, 2000, 1407-1418.
2. Henson PM – in: *The Macrophage As Therapeutic Target*, Ed. S. Gordon, 2003, 305-336.
3. O.A. Головач, A.Д. Таганович – in: БГМУ, Роль фосфолипаз А2 в патологии легких, 2003.
4. C.C.W. Hsia, R.L. Johnson, Jr., E.R. Weibel – **in:** “The Lung: Development, Aging and The Environment » by Richard Harding, Kent Pinkerton, and Charles Plopper, 2003, 187-200.
5. Shaf Keshavjee – in: “Ischemia/Reperfusion-Induced Lung Injury”, Toronto Lung Transplant Program and Thoracic Surgery Research Laboratory, Toronto General Hospital, University Health Network, University of Toronto, Toronto, Ontario, Canada, 2003
6. Orgeig, S., Daniels, C.B. - in: *The Lung: Development, Aging and The Environment* December 03, 2003, Pages 364-375; (Book Chapter)
7. Marion C.R., Fonteh A.N. – in: *Arachidonate Remodeling and Inflammation*, Eds. R.L. Wykle and A.N. Fonteh, 2004, 37-60.

8. Kitsioulis E.I., Nakos G., Lekka M.E. – in: *Advances in Critical Care Testing*, Eds. C.A. Burtis and M.M. Muller, 2004, 77-92.
9. Harry Salem, Sidney A. Katz - *Inhalation Toxicology*, Second Edition, CRC Press, 2005
10. Schremmer B., Manevich Y., Feinstein S.I., Fisher A.B. - in: *Peroxiredoxin Systems: Structures and Functions (Subcellular Biochemistry)* by Leopold Flohé (Editor), J. Robin Harris (Editor), Springer 2007, pp 317-344.
11. Welkos, S.L., Bozue, J.A., Cote, C.K. - in: *Bacillus anthracis and Anthrax 2010*, 179-208, Bacteriology Division, United States Army Medical Research Institute of Infectious Diseases, United States
12. Taketomi Y., Murakami M. – Phospholipase A2 as a potential drug target for airway disorders, – in “*Obstructive Airway Diseases: Role of Lipid Mediators*”, Eds. Abhijit Ray, Punit Kumar Srivastava, CRC Press 2011, pp. 42-60.
13. Anita Gupta, Rajesh K. Gupta - Pulmonary SP-A: Forms and Functions, in: *Animal Lectins: Form, Function and Clinical Applications 2012*, pp 501-525, Springer-Verlag, Wien 2012.
14. Zsuzsanna Helyes, Zsófia Hajna - Endotoxin-Induced Airway Inflammation and Asthma Models (Chapter 16) pp 301-342 in: *TRP Channels in Drug Discovery Methods in Pharmacology and Toxicology*, Springer 2012
15. D. Machado-Aranda, S. V. Madathilparambil, M. R Hemmila, B. Thomas, K. Raghavendran - in: "Lung Gene Therapy in the Resolution of Trauma-related Pneumonia and Sepsis", University of Michigan, 2017, (Project)

In Theses

1. Christelle Leportier-Comoy – in: “Etude de deux marqueurs de l’inflammation: Tumor Necrosis Factor α et Phospholipase A₂ dans les pathologies respiratoires inflammatoires”, These, Laboratoire E.P.H.E. de pharmacologie Cellulaire et Moléculaire. Institut de Recherche des Cordeliers, Le 19 décembre 2003.
2. Chantale BERNATCHEZ – in: “SIGNALISATION DU RÉCEPTEUR DES LYMPHOCYTES T (TCR) DANS LE THYMUS. Interactions entre différentes voies MAPK (mitogen activated protein kinase) et régulation par l'adénosine.”, Thèse présentée à la Faculté des études supérieures de l'Université Laval, QUÉBEC 2004.
3. Andreas Weidenbach – in “Einsatz vasoaktiver Substanzen in Model der Olsäure-induzierten akuten Lungenschädigung am Kaninchen”, Inaugural Dissertation, Justus-Liebig Universität, Gießen, VVB Laufersweiler Verlag, 2005.
4. Blanco Hidalgo, Odalys - Propiedades biofísicas, anti-inflamatorias y antibacterianas de SURFACEN® y su protección del daño oxidativo por la SP-A. Doctor en Ciencias de una Especialidad, Universidad de la Habana, 2006.
5. Ryan P. Murelli - Divergent Synthesis of Rigidified (+)-cacospongionolide B Analogues: Influence on SPLA2 Inhibition, And, Development of Ruthenium-catalyzed Tandem Metathesis/diazotransfer Processes for the Construction of Vinyl Cyclopropanes and Dienoic Esters, (Dissertation), Department of Chemistry, The Graduate School of Arts and Sciences, Boston College, 2007.
6. Donato Triggiani - Caratterizzazione di molecole proinfiammatorie nel lavaggio bronchiale di pazienti intubati (Doctoral dissertation, Università degli Studi di Napoli Federico II).2008.
7. Stichtenoth, Guido - Inactivation of pulmonary surfactant and its prevention, *Sal Loben, Thorax*, N3:06, Karolinska Universitetssjukhuset, Solna, 2009.
8. Jemel Ikram - La phospholipase A2 sécrétée de groupe X : Maturation protéolytique et rôles fonctionnels UNIVERSITE DE NICE-SOPHIA-ANTIPOLIS - UFR Sciences

Ecole Doctorale des Sciences de la Vie et de la Santé, 2009.

9. Lapointe, Stéphanie - Rôle de la phospholipase A2 de type V dans le recrutement de leucocytes au foyer inflammatoire, Thèses de l'Université de Montréal, 2009.
10. Tracy K. Carlson - THE EFFECTS OF PULMONARY SURFACTANT PROTEIN-D ON INNATE IMMUNE CELLS AND TUBERCULOSIS PATHOGENESIS, The Ohio State University 2011

In Catalogues

1. Brenda - Entry of phospholipase A2 (EC-Number 3.1.1.4); PubMedID 9739049
2. Frenda - 3.4.23.49 omptin 1555483

Patents that cite:

1. REMEDIES OR PREVENTIVES FOR PULMONARY INSUFFICIENCY CONTAINING DIAMINOTRIFLUOROMETHYLPYRIDINE DERIVATIVES
(2002) MORINO, Kyuya, Ishihara Sangyo Kaisha, Ltd., YOTSUYA, Shuichi, Ishihara Sangyo Kaisha, Ltd., IMAMURA, Masashi, Ishihara Sangyo Kaisha, Ltd.
Japanese Patent No. 2762323 and U.S.P. 5,229,403 disclose that a
Patent record available from the European Patent Office
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=EP1252889&F=0>
2. METHODS OF TREATING CONDITIONS ASSOCIATED WITH AN EDG-1 RECEPTOR
(2004) SOLOW-CORDERO, David, SHANKAR, Geetha, GLUCHOWSKI, Charles, SPENCER, Juliet V.
Patent record available from the World Intellectual Property Organization (WIPO)
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO2004009816&F=0>
3. Remedies or preventives for pulmonary insufficiency containing diaminotrifluoromethylpyridine derivatives
(2003) Morino, Kyuya, Yotsuya, Shuichi, Imamura, Masashi
Patent record available from the US Patent Office
<http://patft.uspto.gov/netacgi/nph-Parser?patentnumber=6%2c635%2c665>
4. REMEDIES OR PREVENTIVES FOR PULMONARY INSUFFICIENCY CONTAINING DIAMINOTRIFLUOROMETHYLPYRIDINE DERIVATIVES
(2001) MORINO, Kyuya, YOTSUYA, Shuichi, IMAMURA, Masashi
Patent record available from the World Intellectual Property Organization (WIPO)
<http://v3.espacenet.com/textdoc?DB=EPODOC&IDX=WO0156570&F=0>

60. Cane A., Breton M., Koumanov K., Béréziat G., Colard O.
Oxidant-induced arachidonic acid release and impairment of fatty acid acylation on vascular smooth muscle cells –
*Am. J. Physiol.*1998, 274, C1040-C1046.

1. Graier W.F., Hoebel BG, Paltauf-Doburzynska J, Kostner GM. – Arterioscl. Thromb. Vasc. Biol. 1998, 18, 1470-1479.
2. Birbes H., Gothie E, Pageaux JF, Lagarde M, Laugier C. – Biochem. Biophys. Res. Commun. 2000, 276, 613-618
3. Gu J.T., Wu Z.G., Shen Q., Xu Y.L. – Acad. J. Sec. Milit. Med. Univ. 2000, 21, 362-365.
4. Liao P., Liao X.S., Tang W., Kang G.F. – Chinese J. Arteriosclerosis, 2000, 8, 143-146.

5. Li W.G., Miller FJ Jr, Zhang HJ, Spitz DR, Oberley LW, Weintraub NL. – J. Biol. Chem. 2001, 276, 29251-29256.
6. Mattera R., Stone GP, Bahhur N, Kuryshev YA – Circulation 2001, 103, 2395-2401
7. Chen JK., Capdevila J, Harris RC. - Mol. Cell Biol. 2001, 21, 6322-6331
8. Ramirez DC, Riera CM, Gimenez MS. – Toxicol. Lett. 2001, 122, 9-19.
7. Calzada, C., Véricel, E., Mitel, B., Coulon, L., Lagarde, M. – J. Lipid Res. 2001, 42, 1467-1473.
8. Hayama M., Inoue R, Akiba S, Sato T. – Am. J. Physiol. Renal Physiol. 2002, 282, 485-491.
9. Shihabi A., Li WG, Miller FJ Jr, Weintraub NL. – Am. J. Physiol. Heart Circ. Physiol. 2002, 282, 797-802.
10. Zingg J.M., Ricciarelli R, Andorno E, Azzi A – Arterioscler. Thromb. Vasc. Biol. 2002, 22, 412-417.
11. Balboa M.A. and Balsinde J. – J. Biol. Chem. 2002, 277, 40384-40389.
12. Ran S., Downes A, Thorpe PE. – Cancer Res. 2002, 62, 6132-6140.
13. Hayama M., Inoue R., Akiba S., Sato T. – Am. J. Physiol. 2002, 282, F485-F491.
14. Paillaud E., Monville C., Tardy M. – J. Neurosci. Res. 2002, 67, 670-679.
15. Han WK, Sapirstein A, Hung CC, Alessandrini A, Bonventre JV – J. Biol. Chem. 2003, 278, 24153-24163.
16. Caro A.A., Cederbaum A.I. – J. Biol. Chem. 2003, 278, 33866-33877.
17. Oliveros LB, Videla AM, Gimenez MS – Braz. J. Med. Biol. Res 2004, 37, 311-320.
18. Pérez R, R. Melero, M. A. Balboa, and J. Balsinde – J. Biol. Chem. 2004, 279, 40385-40391.
19. Balsinde, J., Balboa, M.A. - Cellular Signalling 2005, 17, 1052-1062.
20. Derosa, G., Iannella, P., D'Angelo, A., Piccinni, M.N., Pricolo, F., Salvadeo, S., Ciccarelli, L. - Trends in Medicine 2006, 6, 1-12.
21. Balboa, M.A., Balsinde, J. – Biochim. Biophys. Acta (Mol. Cell. Biol. Lipids), 2006, 1761, 385-391.
22. Borutaite V., H. Hope, G. C. Brown - Pharmacol. Rep., 2006, 57, 96-102.
23. Higuchi, Y. - Current Enzyme Inhibition 2007, 3, 291-297.
24. Finsterer J - VASA-J. Vasc. Dis. 2007, 36, 229-240.
25. Titsworth WL, Cheng XX, Ke Y., Deng LX, Burckardt KA., Pendleton C, Liu NK, Shao H, Cao QL, Xu XM – GLIA 2009, 57, 1521-1537.
26. ORUCHA, Ramadhan; PRYMEB, Ian F.; HOLMSENB, Holm. - Global Journal of Biochemistry| 2011, 2.1.
27. Lagarde M, Calzada C, Jouvène C, Bernoud-Hubac N, Létisse M, Guichardant, M, Véricel E – Progr. Lipid Res. 2015, 60, 41-49.

In Books

1. D. F. Horrobin, C. N. Bennett - Search for the Causes of Schizophrenia, Steinkopff, 1999, pp 261-277
2. D. Horrobin – in: “Brain Lipids and Disorders in Biological Psychiatry (New Comprehensive Biochemistry) » by E.R. Skinner, 2002, p.49
3. J. Behr – Idiopathic Pulmonary Fibrosis (Lung Biology in Health and Disease) by Joseph P. Lynch III, 2003, 379-396.
4. Balsinde, Jesús, et al. Control of arachidonic acid levels in resting and activated U937 phagocytic cells by Ca²⁺-independent phospholipase A2. In: *Arachidonate Remodeling and Inflammation*. Birkhäuser Basel, 2004. p. 61-72.
5. Higuchi, Yoshihiro. "The Role of Phospholipase A2 and Lipoxygenases Associated with

Arachidonic Acid in Oxidative Stress-Induced Cell Injury." *Current Enzyme Inhibition* 3.4 (2007): 291-297.

6. William Lee Titsworth - in: "A Possible Role for SPLA(2) in Oligodendrocyte Death and Spinal Cord Injury", pp 1-232, RroQuest LLC, Ann Arbor, MI 48106-1346, 2008.
7. Wagner F. Gattaz, Heinz Häfner - Search for the Causes of Schizophrenia: Vol. IV Balance of the Century, Springer Science & Business Media; DF Horrbin and CN Bennett - The membrane phospholipid concept of schizophrenia, 2012

In Theses

1. Wildroudt, Maria L. – in: "Second Messenger Signaling Cascade Linking Angiotensin II Receptor Activation with Vascular Smooth Muscle Cell Mitogenesis", Dissertation, PHD, Kent State University, School of Biomedical Sciences, 2005
http://rave.ohiolink.edu/etdc/view?acc_num=kent1122480402
2. Rebeca Pérez Fernández - TESIS DOCTORAL "Funciones biológicas de la fosfolipasa A2 independiente de calcio de grupo VIA en las células humanas U937", Instituto de Biología y Genética Molecular, Consejo Superior de Investigaciones Científicas (CSIC), Universidad de Valladolid, 47003 Valladolid, España 13 julio 2006
3. von Bremen, Dagmar - "Einfluss von Eisenüberladung auf Fettsäureprofile in Leber, Fett und Plasma von Ratten", Dissertation zur Erlangung des Grades eines Doktors der Medizin dem Fachbereich Medizin der Universität Hamburg vorgelegt von Dagmar von Bremen aus Tostedt, Hamburg 2008.

61. Koumanov K., Quinn P.J., Bereziat G., Wolf C.

Cholesterol relieves the inhibitory effect of sphingomyelin on type II secretory phospholipase A2 –
***Biochem. J.* 1998, 336, 625-630.**

1. Murakami M., Kambe T, Shimbara S, Yamamoto S, Kuwata H, Kudo I. – *J. Biol. Chem.* 1999, 274, 29927-29936.
2. Murakami M., Y Nakatani, H Kuwata, I Kudo – *BBA*, 2000, 1488, 159-166.
3. Okita M., T. Sasagawa, M. Kotani, M. Hayashi, H. Yamashita, M. Kimoto, K. Suzuki, H. Tsuji, T. Tabei – *Asia Pac. J. Clin. Nutr.* 2000, 9, 309-313.
4. Okita M., T. Sasagawa, M. Kotani, M. Hayashi, H. Yamashita, M. Kimoto, K. Suzuki, H. Tsuji, T. Tabei – *Asia Pacific J. Clin. Nutr.* 2000, 9, 309 -
5. Murakami M., Kudo I. – *Adv. Immunol.* 2001, 77, 163-194.
6. Kudo I. And Murakami M. – *Prostagl. Other Lipid Med.* 2002, 68-69, 3-58.
7. Bezzine S., Bollinger JG, Singer AG, Veatch SL, Keller SL, Gelb MH. – *J. Biol. Chem.* 2002, 277, 48523-48534.
8. Hashimoto M.M. Yasumaru Y., Hatanaka K. Nabeta K. – *Bioorg. Med. Chem. Lett.* 2002, 12, 89-91.
9. Zhao S., Chen JS, Zhou Y.C., Song J.G. – *Exo. Cell Res.* 2002, 279, 354-364.
10. Ares M.P.S. – *Curr. Opin. Lipidol.* 2002, 13, 105-107.
11. Noh S.K. and Koo S.I. – *J. Nutrition* 2003, 133, 3571-3576.
12. Charkraborti S – *Cell Signal.* 2003, 15, 637-665.
13. Noh S.K. and Sung I. Koo – *J. Nutr.* 2004, 134:2611-2616.
14. Pettus BJ, Chalfant CE, Hannun YA – *Curr. Mol. Med.* 2004, 4 : 405-418.

15. Piret J., A Schanck, S Delfosse, F Van Bambeke, BK. Kishore, PM. Tulkens, MP Mingeot-Leclercq – Chem. Phys. Lipids 2005, 133, 1-15.
16. Park E.J., M. Suh , B. Thomson, K. S. Ramanujam, A. B.R. Thomson, M. T. Clandinin - Glycobiology, 2005, 15, 935-942.
17. Puff N., Angelova M. – Adv. Planar Lipid Bilayers and Liposomes 2006, vol.5, 173-228.
18. Park, E.J., Suh, M., Thomson, B., Ma, D.W.L., Ramanujam, K., Thomson, A.B.R., Clandinin, M.T. - Shock 2007, 28, 112-117.
19. Cheng, Y., Kozubek, A., Ohlsson, L., Sternby, B., Duan, R.-D. - Planta Medica 2007, 73, 725-730.
20. Heiner A.L., E. Gibbons, J.L. Fairbourn, L.J. Gonzalez, C.O. McLemore, T.J. Brueseke, A.M. Judd, J.D. Bell - Biophys. J. 2008, 94, 3084-3093.
21. Kuksis A., W. Pruzanski - J. Lipid Res., 2008, 49, 2161-2168.
22. Westerlund B., • P-M Grandell, Y. J. E. Isaksson, J. Peter Slotte - Eur Biophys J., 2010, 39, 1117-1128.
23. Kao P-H, Chiou Y-L, Lin S-R and Chang L-S. - J. Biosci. 35(4), December 2010, 35, 583-593.
24. Chiou YL, Lin SR, Chang LS - Toxicol 2010, 56, 1362-1371.
25. Chiou YL, Lin SR, Chang LS – Chem. Phys. Lipids, 2011, 164, 378-385.
26. Jurak M., A. Szcześ, E. Chibowski – Appl. Surface Sci. 2013, 266, 426-432.
27. W. S. Chung, A. Kamili, S. Tandy, J. M. Weir, R. Gaire, P. J. Meikle, J. S. Cohn, K-A. Rye - PLOS ONE 2013, 8, | Issue 2 | e55949.
28. Chiou Y.-L., S.-R. Lin, W.-P. Hu, L.-S. Chang - Toxicol 2014, 92, 113-122.
29. Rodriguez-Cuenca S., V.Pellegrinelli, M.Campbell, M.Oresic, A. Vidal-Puig - Progress in Lipid Research 2017, 66, 14-29.

In Theses

1. Klapisz E. – in: Etude de l’implication de composants membranaires dans la regulation de la phospholipase A2 cytosolique, These, 1999, Paris
2. Момчилова-Панкова А.Б. – „Структурна организация и моделиране на липидния бислой в биологични мембрани” – Докторска дисертация (дбн), София 2002.
3. Staneva G. – in : Dynamique des membranes heterogenes et effets des molecules d’asymetrie sterique positive. Etude sur des vesicules geantes, These, 2004, Paris
4. Petkova D.H. – in: “Функционална роля на мембранните фосфолипиди и някои техни приложения”, Докторска дисертация, София 2008.

In Catalogues

1. Frenda - 3.1.1.4 phospholipase A2 1555495
2. Amenda - 3.1.4.12 sphingomyelin phosphodiesterase 1555495

62. Klapisz E., Ziari M., Wendum D., Koumanov K., Brachet-Ducos C., Olivier J.-L., Bereziat G., Trugnan G., Masliah J.
N- and C-terminal plasma membrane anchoring modulate differently agonist-induced activation of cytosolic phospholipase A2 –
Eur. J. Biochem. 1999, 265, 957-966.

1. Hirabayashi T., Shimizu T. – BBA, 2000, 1488, 124-138.
2. Zhao S., Xiao G, Howard A, Bass M. – Exp. Cell Res. 2002, 279, 354-364.

3. Zhao S. – *Biochim. Biophys. Acta* 2002, 1581, 75-88.
4. Kitatani K., Nemoto M, Akiba S, Sato T. - *Cell Signal.* 2002, 14, 695-701.
5. Merigout P., Kepes F, Perret AM, Satiat-Jeunemaitre B, Moreau P. - *FEBS Lett.* 2002, 518, 88-92.
6. Kudo I., Murakami M. – *Prostag. Other Lipid Mediat.* 2002, 68-9, 3-58.
7. Murakami M, Das S, Kim Yj – *FEBS Lett.* 2003, 546, 251-256.
8. Phillis JW, O'Regan MH – *Brain Res. Rev.* 2004, 44, 13-47.
9. Grewal S, S. P. Herbert, S. Ponnambalam, J. H. Walker - *FEBS Journal* 2005, 272, 1278-1290.
10. Murphy, E.J., Owada, Y., Kitanaka, N., Kondo, H., Glatz, J.F.C. - *Biochemistry* 2005, 44, 6350-6360.
11. Kriem, B., I. Sponne, A. Fife, C. Malaplate-Armand, K. Lozac'h-Pillot, V. Koziel, F.T. Yen-Potin, B. Bihain, T. Oster, J.L. Olivier, T. Pillot - *FASEB J.* 2005, 19, 85-87.
12. Dinnes, D.L.M., Santerre, J.P., Labow, R.S. – *J. Cell. Physiol.* 2008, 214, 136-144.

In Theses

1. Bailleux A. – in: *Regulation de la phospholipase A2 cytosolique dans les cellules epitheliales*, These, 2004, Paris
2. Pontier S.M. – in: “Nouveaux mecanismes de regulation des recepteurs couplés aux protéines G. Lien entre complexes protéiques, localisation et signalisation”, Thèse, Université de Montréal, 2005.
3. Hoffmann Marika – “Mechanistische Untersuchungen zur Modulation der zytosolischen Phospholipase A2 durch Hyperforin”, Dissertation zur Erlangung des Doktorgrades der Naturwissenschaften, vorgelegt beim Fachbereich Biochemie, Chemie und Pharmazie der Johann Wolfgang Goethe-Universität in Frankfurt am Main, Frankfurt am Main 2009.

In Catalogues

1. Product Block - K-Ras-2B (C-19): sc-521
2. Amenda - 2.7.10.2 non-specific protein-tyrosine kinase 1555559
3. Amenda - 3.1.1.4 phospholipase A2 1555559

Patents that cite:

1. Inflammation inducible hybrid promoters, vectors comprising them and uses thereof
Massaad, Charbel / Berenbaum, Francis / Olivier, Jean-Luc / Salvat, Colette /
UNITED STATES PATENT AND TRADEMARK OFFICE GRANTED PATENT, Mar 2005
63. **Couturier C., Brouillet A., Couriaud C., Koumanov K., Béréziat G., Andréani M. Interleukin 1 α induces type-II-secreted phospholipase A2 gene in vascular smooth muscle cells by a nuclear factor κ B- and peroxisome proliferator activated receptor-mediated process –**
J. Biol. Chem. 1999, 274, 23085-23093.
1. Delerive P., Furman C, Teissier E, Fruchart J, Duriez P, Staels B. et al. – *FEBS Lrtters* 2000, 471, 34-38.
2. Peilot H., Rosengren B, Bondjers G, Hurt-Camejo E.– *J. Biol. Chem.* 2000, 275, 22895-22904.

3. Kuwata H., Yamamoto S, Miyazaki Y, Shimbara S, Nakatani Y, Suzuki H, Ueda N, Yamamoto S, Murakami M, Kudo I. – *J. Immunol.* 2000, 165, 4024-4031.
4. Ikeda U., Shimpo M, Ohki R, Takahashi M, Yamamoto K, Ikeda M, Minota S, Shimada K. – *Hypertension* 2000, 35, 1232-1236.
5. Murakami M. – *Biochim. Biophys. Acta* 2000, 1488, 159-166.
6. Chinetti G., Fruchart JC, Staels B. – *Inflamm. Res.* 2000, 49, 497-505.
7. Hurt-Camejo E., Camejo G, Sartipy P. – *Curr. Opin. Lipidol.* 2000, 11, 465-471.
8. Alaoui El Azher M, Havet N, Singer M, Dumarey C. – *Eur. J. Biochem.* 2000, 267, 3633-3639.
9. Schmid R.M., Adler G. – *Gastroenterology* 2000, 118, 1208-1228.
10. Sartipy P., Johansen B, Gasvik K, Hurt-Camejo E. – *Circ. Res.* 2000, 86, 707-714.
11. Plutzky J. - *Curr. Atheroscler. Rep.*, 2000,2,327-335.
12. Murakami M. – *J. Biol. Chem.* 2001, 276, 10083-10096.
13. Akiba S., Hatazawa R, Ono K, Kitatani K, Hayama M, Sato T – *J. Biol. Chem.* 2001, 276, 21854-21862.
14. Degousee N., Stefanski E, Lindsay TF, Ford DA, Shahani R, Andrews CA, Thuerauf DJ, Glembotski CC, Nevalainen TJ, Tischfield J, Rubin BB. – *J. Biol. Chem.* 2001, 276, 43842-43849.
15. Schwemmer M., Aho H, Michel JB. - *Tissue Cell* 2001, 33, 233-240.
16. Murakami M., Kudo I. - *Adv. Immunol.* 2001, 77, 163-194.
17. Sundry J.S. – in: *Modern Therapeutics in Rheumatic Diseases*, Eds. G.C. Tsokos et al., 2001, 23-46.
18. 刘文滨 王吉耀 (Scholar google) – 世界华人消化杂志 (in Chinese) 2001, 9, 1054-1055.
19. Chinetti, G., JC Fruchart, B. Staels - *Z. Kardiol.*, 2001, 90, Suppl. 3, 125-132.
20. Blanquart, C., JC Fruchart, B. Staels - *Med. therap./Endocrinol.*, 2001. 3, Special No
21. Harris S.G., Smith RS, Phipps RP – *J. Immunol.* 2002, 168, 1372-1379.
22. Scholz-Pedretti K., Gans A, Beck KF, Pfeilschifter J, Kaszkin M.– *J. Am. Soc. Nephrol.* 2002, 13, 611-620.
23. Barbier O., Torra IP, Duguay Y, Blanquart C, Fruchart JC, Glineur C, Staels B.– *Arterioscler. Tromb. Vasc. Biol.* 2002, 10000015
24. Murakami M. and Kudo I. – *J. Biochem.* 2002, 131, 285-292.
25. Murakami M. – *Eur. J. Biochem.* 2002, 269, 2698-2707.
26. Bishop-Bailey D., Hla T, Warner TD – *Circ. Res.* 2002, 10011129
27. Kitatani K., Nemoto M, Akiba S, Sato T – *Cell Signal.* 2002, 14, 695-701.
28. Alaoui-El-Azher M., Wu Y, Havet N, Israel A, Lilienbaum A – *Mol. Pharmacol.* 2002, 61, 786-794.
29. Zingg J.M., Ricciarelli R, Andorno E, Azzi A.– *Arterioscl. Thromb. Vasc.* 2002, 22, 412- 417.
30. Paillaud E., Costa S, Fages C, Plassat JL, Rochette-Egly C, Monville C, Tardy M – *J. Neurosci. Res.* 2002, 67, 670-679.
31. Harris S.G., Padilla J, Koumas L, Ray D, Phipps RP - *Trends Immunol.* 2002, 23, 144-150.
32. Ares M.P.S. – *Curr. Opin. Lipidol.* 2002, 13, 105-107.
33. Harris S.G., Smith RS, Phipps RP. – *J. Immunol.* 2002, 168, 1372-1379.
34. Kudo I. and Murakami M. – *Prostagl.Other Lipid Med.* 2002, 68-69, 3-58.
35. Schlezinger J.J., Jensen BA, Mann KK, Ryu HY, Sherr DH. et al. – *J. Immunol.* 2002, 169, 6831-6841.
36. Jaross W., Eckey R., Menschikowski M. – *Eur. J. Clin. Invest.* 2002, 32, 383-393.
37. Lappas M., Permezel M., Rice G.E. – *J. Clin. Endocrinol. Metab.* 2003, 88, 1723-1729.

38. Beck S., Lambeau G., Scholtz-Pedretti K., Gelb M.H., Janssen M.J., Edwards SH., Wilton D.C., Pfeilschifter J., Kaszkin M. – *J. Biol. Chem.* 2003 (in press)
39. Xu J., Chalimoniuk, Shu I., Simonyi A, Sun AY, Gonzalez FA, Weisman GA, Wood WG, Sun GY. - *Prostag. Leukotri. EFA* 2003, 69, 437-448.
40. Toomey S, Roche H., Fitzgerald D. – *Biochem. Soc. Trans.* 2003, 31, 1075-1079.
41. Bishop-Bailey D. Warner TD. – *FASEB J.* 2003, 17, Aug
42. Wanichkul, T., Han, S., Huang, R.-P., Sidell, N. -*Fertility and Sterility* 2003, 79, 763-769.
43. Murakami M. and Kudo I. – *Rrogr. Lipid Res.* 2004, 43, 3-35.
44. M. Álvarez-Maqueda, R. El Bekay, G. Alba, J. Monteseirín, P. Chacón, A. Vega, J. Martín-Nieto, F. J. Bedoya, E. Pintado, F. Sobrino - *J. Biol. Chem.* 2004, 279, 21929-21937.
45. Schlezinger J.J., G. J. Howard, C. H. Hurst, J. K. Emberley, D. J. Waxman, T. Webster, D. H. Sherr - *J. Immunol.*, 2004; 173: 3165 - 3177
46. Ueki S., Matsuwaki Y., Kayaba H., Oyamada H, Kanda A, Usami A, Saito N, Chihara J. - *Int. Arch. Allergy Immunol.* 2004, 134, Suppl.1, 30-36.
47. Lindstrom T., Bennett P. – *Prostag. Leukotri. EFA* 2004, 70, 115-135.
48. Menschikowski, M., Hagelgans, A., Hempel, U., Siegert, G. - *FEBS Letters* 2004, 577, 81-86
49. Eibl, G., Reber, H.A., Hines, O.J., Go, V.L.W. - *Pancreas e* 2004, 29, 247-253.
50. Kuvata, H., S. Yamamoto, A. Takekuta, M. Murakami, Kudo I. - *BBA Mol. Cell. Biol. Lipids* - 2004, 1686, 15-23.
51. Ares MPS - *Curr. Opin. Lipidol.*, 2004, 15, 231-234.
52. Kuwata H., T. Nonaka, M. Murakami, I. Kudo - *J. Biol. Chem.* 2005, 280, 25830-25839.
53. Jaulmes A., B. Janvier; M. Andreani; M. Raymondjean – *Arterioscler., Thromb., Vasc. Biol.* 2005, 25, 1161-1167.
54. Kim, H.Y., Kim, H.K., Kim, J.R., Kim, H.S. – *Immunol. Cell Biol.* 2005, 83, 286-293.
55. Podgoreanu, M.V., G. A. Michelotti,, Y. Sato, M. P. Smith, S. Lin, R. W. Morris, H.P. Grocott, J. P. Mathew, D. A. Schwinn - *J Thorac Cardiovasc Surg* 2005; 130: 330-339.
56. Ghesquiere, S.A.I. , Hofker, M.H. , De Winther, M.P.J. - *Cardiovascular Toxicology* 2005, 5, 161-182.
57. Farooqui, A.A., Horrocks, L.A. – *Reprod. Nutr. Develop.* 2005, 45, 613-631.
58. Guoxiaogang, Chengweiping - *Journal of Extracorporeal circulation* 2005, 466, 190-192.
59. 胡桂芳 武革 – *J.Guangdong Med.College*, 2005, 23,74-77.
60. Menschikowski M., A. Hagelgans, B. Heyne, U. Hempel, V. Neumeister, P. Goetz, W. Jaross, G. Siegert - *BBA Mol. Cell. Biol. Lipids* 2005, 1733, 157-171.
61. Garai, J., Molnar, V., Varga, T., Koppan, M., Torok, A., Bodis, J. - *Frontiers in Bioscience* 2006, 11, 595-619.
62. Menschikowski, M., Hagelgans, A., Siegert, G. – *Prostagl. Other Lipid Med.* 2006, 79, 1-33
63. Jaulmes A., S. Thierry, B. Janvier, M. Raymondjean, V. Maréchal - *FASEB J.* 2006, 20, E1086-E1093.
64. Bonofiglio D., Aquila S., Catalano S., Gabriele S., Belmonte M., Middea E., Qi H., Morelli C., Gentile M., Maggiolini M., Andò, S.- *Mol. Endocrinol.*, 2006; 20, 3083-3092
65. Clément, N., Glorian, M., Raymondjean, M., Andréani, M., Limon, I. – *J. Cell. Physiol.* 2006, 208, 495-505.
66. Middea E., H. Qi, C. Morelli, M. Gentile, M. Maggiolini, S Andò - *Mol. Endocrinol.*, Sep 2006; 20: 3083 - 3092.

67. Krijnen, P.A.J., Nijmeijer, R, Hack, C.E., Niessen, H.W.M. - *Anti-Inflamm. Anti-Allergy Agents*, 2006, 5, 163-173.
68. Heliovaara, M. K., Teppo, A. M., Karonen, S. L., Ebeling, P. – *Eur. J. Clin. Investig.* 2006, 36, 860-865.
69. Bonofiglio D., S. Aquila, S. Catalano, S. Gabriele, M Belmonte, E. Middea, H. Qi, C. Morelli, M. Gentile, M. Maggiolini, S. Andò - *Molecular Endocrinology* 2006, 20 , 3083-3092.
70. Kuwata H., C. Fujimoto, E. Yoda, S. Shimbara, Y. Nakatani, S. Hara, M. Murakami, I. Kudo - *J. Biol. Chem.* 2007, 282, 20124-20132.
71. Lappas, M., Rice, G.E. - *Placenta* 2007, 28, 543-555.
72. Clément N., M. Gueguen, M. Glorian, R. Blaise, M. Andréani, C. Brou, P. Bausero, I. Limon - *Journal of Cell Science* 2007, 120, 3352-3361
73. Cyril C., C. Sarkis, K. Séron, S. Belouzard, P. Chen, A. Lenain, L. Corset, Julie Dam, V. Vauthier, A Dubart, J. Mallet, P. Froguel, Y. Rouillé, R. Jockers - *PNAS* 2007, 104, 19476-19481.
74. Titsworth, W.L., Liu, N.-K., Xu, X.-M.^{a b} - *CNS and Neurological Disorders - Drug Targets* 2008, 7, 254-269.
75. Bonofiglio, D., Gabriele, S., Aquila, S., Qi, H., Belmonte, M., Catalano, S., Andò, S. - *Breast Cancer Research and Treatment* 2009, 113, 423-434.
76. Éva, V., Valéria, M., Janos, G., Tamás, V., Miklós, K. , József, B. - *Magyar Noorvosok Lapja* 2009, 72, 79-97.
77. Bonofiglio D., E. Cione, H. Qi, A. Pingitore, M. Perri, S. Catalano, D. Vizza, M. L. Panno, G. Genchi, S.A.W. Fuqua, S. Andò – *Amer. J. Pathol.* 2009,175:1270-1280.
78. Dabek, J., Świdorski, R., Głowska-Ligus, J., Kułach, A., Gasiór, Z. - *Polski Merkurusz Lekarski* 2009, 27, 265-272.
79. Sullivan C.P., S.E. Seidl, C. B. Rich, M.Raymondjean, B.M. Schreiber – *J. Biol. Chem.*, 2010, 285, 565-575
80. Sugita, M., Kuwata, H., Kudo, I., Hara, S. – *Biochim. Biophys. Acta - Molecular and Cell Biology of Lipids* 2010, 1801, 70-76.
81. Murakami M., Y. Taketomi, C. Girard, K. Yamamoto, G. Lambeau - *Biochimie* 2010, 92, 561-582
82. Sun GY, Shelat PB, Jensen MB, He Y, Sun AY, Simonyi A. – *Neuromol. Med.* 2010, 12, 133-148.
83. Murakami M., Y. Taketomi, Y. Miki, H. Sato, T. Hirabayashi, K. Yamamoto – *Progr.Lipid Res.* 2011, 50, 152–192.
84. G. Alba, María E. Reyes, C. Santa-María, R. Ramírez, I. Geniz, J. Jiménez, J. Martín-Nieto, E. Pintado, F. Sobrino - *PLoS ONE* 2012, 7, Article number 42195
85. Krizaj I. - *Protein and peptide Lett.*, 2014, 21, 1201-1208.
86. El Hadri K., C. Denoyelle, L. Ravau, B. Viollet, M. Foretz, B. Friguet, M. Rouis, M. Raymondjean - *PLOS One* 2015, 10, Issue 7, 10 July 2015, Article number e0132498
87. Shariati M., M. Aghaei, A. Movahedian, M.H. Somi, H. Dolatkah, A.M. Aghazade - *J Res Med Sci* 2016 [cited 2016 Feb 27]; 21 (1)

In Books

1. J.S. Sundy – in: “Modern Therapeutics in Rheumatic Diseases (None)” by George C. Tsokos, 2002, 23-46..
2. Loop T., Pahl H.L. – in: Nuclear Factor K β : Regulation and Role in Diseases, Ed. R. Beyaert, 2003, 1-48.
3. Lindstrom T., J. Loudon, P. Bennett - in: "Preterm Labour: Menaging Risk in Clinical Practice", Eds Norman and Greer, Cambridge Univ. Press, 2005.
4. Hiroshi Kuwata, Ichiro Kudo - Regulation of sPLA₂-IIA expression in cytokinestimulated rat fibroblasts, in: New Frontiers in Lifestyle-Related Diseases 2008, pp 143-146 Springer.
5. Ando S., D. Bonofiglio, S. Gabriele, S. Aquilas, H. Qi - in: "Peroxisome proliferator-activated receptor gamma activates fas ligand gene promoter inducing apoptosis in human breast cancer cells", 2010

In Theses

1. Cormier RT - in: "Functional characterization of PLA₂g₂aAKR and Dumt1 N/+; two genetic modifiers of Min", University of Wisconsin-Madison, 2000.
2. Thorén, Staffan – in: “Characterization of human glutathione-dependent microsomal prostaglandin E synthase-1”, Doktorsavhandling vid Karolinska Institutet, 2003.
3. Peters J. – in : ”Phospholipase A2 in der Parvovirus MVMp induzierten Zelllyse”, Inaugural-Dissertation zur Erlangung der Doktorwürde der Naturwissenschaftlich-Mathematischen Gesamtfakultät der Ruprecht-Karls-Universität, Heidelberg, 2005.
4. Anke Maike Anneliese Diemert – in: „15-deoxy- Δ 12,14-prostaglandin J₂ induziert Apoptose in Progenitor-Leydigzellen der Ratte”, Inauguraldissertation, Erlangung der Doktorwürde der Universität zu Lübeck- Aus der Medizinischen Fakultät - Lübeck 2005
5. Titsworth W.L. - "A possible Role for SPLS(2) in Oligodendrocyte Death and Spinal Cord Injury", University of Luisville, Luisville, Kentucky, August 2008.
6. Marie GUEGUEN - IMPLICATION DE NOTCH ET DE L'ISOFORME 8 D'ADENYLATE CYCLASE DANS LE CHANGEMENT PHENOTYPIQUE DES CELLULES MUSCULAIRES LISSES VASCULAIRES ASSOCIE A L'ATHEROSCLEROSE ET LA RESTENOSE POST-ANGIOPLASTIE, L'UNIVERSITÉ PARIS VI - PIERRE ET MARIE CURIE, Ecole Doctorale de Physiologie et Physiopathologie, 2009.
7. Jemel Ikram - La phospholipase A2 sécrétée de groupe X : Maturation protéolytique et rôles fonctionnels UNIVERSITE DE NICE-SOPHIA-ANTIPOLIS - UFR Sciences Ecole Doctorale des Sciences de la Vie et de la Santé, 2009.
8. Jeffrey Alan Brandimarto - Molecular Regulation of Insulin-like Growth Factor Binding Protein-5 by Signaling Molecules Downstream of the IGF-I Receptor in Mammary Epithelial Cells, Thesis submitted to the Graduate School-New Brunswick, Rutgers, The State University, ProQuest, 2009.

Patents that cite:

1. METHODS FOR MONITORING NEUROINFLAMMATORY DESTRUCTION OF NEURONS AND FOR TREATING DISEASES HAVING AN INFLAMMATORY COMPONENT RELATED TO PHOSPHOLIPASE A2 CUNNINGHAM TIMOTHY J (US); YAO LIHUA (US); GREENSTEIN JEFFREY I (US) Publication number:WO2007008690

64. Wolf C., Quinn P.J., Koumanov K., Chachaty C., Tenchov B.

Arrangement physique des lipids membranaires susceptibles d'etre utilises par les processus d'adressage cellulaire des proteines.

J. Soc. Biol. 1999, 193, 117-123.

1. Tauc P., Reyes Mateo C., Brochon J.C. – *Biochim. Biophys. Acta* 2002, 1595, 103-115.
2. Aubert, J. Marion, C. Boulogne, M. Bourge, S. Abreu, Y. Bellec, J-D. Faure, B. Satiat-Jeunemaitre - *Plant Journal* 2011, 65, 958-971.

65. Klapisz E., Masliah J., Bereziat G., Wolf C., Koumanov K.S.

Sphingolipids and cholesterol modulate membrane susceptibility to cytosolic phospholipase A2 –

J. Lipid Res. 2000, 41, 1680-1688.

1. Kitatani K., Nemoto M, Akiba S, Sato T – *Cell. Signalling* 2002, 14, 695-701
2. Merigout P., Kepes F., Perret A.M., Satiat-Jeunemaitre B., Moreau P. – *FEBS Lett.* 2002, 518, 88-92.
3. Zhao S., Du X.Y., Chen J.S., Zhou Y.C., Song J.G. – *Exp. Cell Res.* 2002, 279, 354-364.
4. Zhao S., Du X.Y., Chai M.Q., Chen J.S., Zhou Y.C., Song J.G – *Biochim. Biophys. Acta* 2002, 1581, 75-88.
5. Pettus B.J., Bielawska A., Spiegel S., Roddu P., Hannun Y.A., Chalfant C.E. – *J. Biol. Chem.* 2003, 278, 38206-38213.
6. Boonstra J, GSAT van Rossum - *Progress in Cell Cycle Research*, 2003, Vol. 5, 181-190.
7. Grewal, S., J. Smith, S. Ponnambalam and J. Walker – *Eur. J. Biochem.* 2004, 271, 69-77
8. B.J. Pettus, A. Bielawska, P. Subramanian, D. S. Wijesinghe, M.Maceyka, C. C. Leslie, J. H. Evans, J. Freiberg, P. Roddy, Y. A. Hannun, C. E. Chalfant - *J. Biol. Chem.*, 2004, 279, 11320-11326.
9. Nakamura H, Hirabayashi T, Sameya A. – *Eur. J. Pharmacol.* 2004, 484, 9-17.
10. Pettus BJ, Chalfant CE, Hannun YA – *Cur. Mol. Med.* 2004, 4 : 405-418.
11. Grimmer S., M. Ying, S. Walchli, B. van Deurs, K. Sandvig – *Traffic* 2005, 6, 144-156.
12. Meyer SGE, W. Karow, H. de Groot – *BBA* 2005, 1735, 68-78.
13. Lamour, N.F. , Chalfant, C.E. - *Molecular Interventions* 2005, 5, 358-367.
14. Sandeep Akare, Jesse D. Martinez - *Biochimica et Biophysica Acta (BBA) - Molecular and Cell Biology of Lipids* Volume 1735, Issue 1, 15 June 2005, Pages 59–67
15. Subbaiah, P.V., Peter Horvath, and Srinivasa B. Achar - *Biochemistry*, 2006, 45, 5029 -5038.
16. Singh D.K., P.V. Subbaiah - *J. Lipid Res.*, 2007, 48, 683-692.
17. Buczynski M.W., D.L. Stephens, R.C. Bowers-Gentry, A. Grkovich, R.A. Deems, E.A. Dennis - *J. Biol. Chem.* 2007, 282, 22834-22847.
18. Cubells, L., Vilà De Muga, S., Tebar, F., Wood, P., Evans, R., Ingelmo-torres, M., Calvo, M., Gaus, K., Pol, A., Grewal, T., Enrich, C. - *Traffic* – 2007, 8, 1568-1589.
19. L. Cubells, S. Vilà de Muga, F. Tebar, J. V. Bonventre, J. Balsinde, A. Pol, T. Grewal, C. Enrich - *J. Biol. Chem.* 2008, 283, 10174-10183.
20. Hastings, A.D., Herbert, S.P., Gawler, D., Walker, J.H. - *Cell Biol. Int.* 2009, 33, 83-91.
21. Furt, F., Moreau, P. – *Int. J. Biochem. Cell Biol.* 2009, 41, 1828-1836.
22. Huwiler, A., Pfeilschifter, J. – *Pharmacol. Therapeut.* 2009, 124, 96-112.

23. Borot F., D.-L. Vieu, G. Faure, J. Fritsch, J. Colas, S. Moriceau, M. Baudouin-Legros, F. Brouillard, J. Ayala-Sanmartin, L. Touqui, M. Chanson, A. Edelman, M. Ollero - PLoS One. 2009; 4(10): e7116.
24. Hoffmann, M., Lopez, J.J., Pergola, C., Feisst, C., Pawelczik, S., Jakobsson, P.-J., Sorg, B.L., Glaubitz, C., Steinhilber, D., Werz, O. – Biochim. Biophys. Acta - Molecular and Cell Biology of Lipids 2010, 1801, 462-472.
25. Enrich C., C. Rentero, S. Vil`a de Muga, M. Reverter, V. Mulay, P. Wood, M. Koese, T. Grewal - Biochimica et Biophysica Acta (BBA) - Molecular Cell Research - 2011, 1813, 935-947.
26. Pasquaré S.J., V.L. Gaveglio, N.M. Giusto – J.Lipids, 2011 (2011), Article ID 342576, 18 pages, doi:10.1155/2011/342576
27. Narayan S, Thomas EA – FRONT. BIOSCI.-LANDMARK 2011, 16, 1797-1810.
28. Nakamura H., K. Yasufuku, T. Makiyama, I. Matsumoto, H. i Fujino, T. Murayama – J. Cell. Physiol. 2012, 227, 2847-2855.
29. Ha K.D., B.A. Clarke, W.J. Brown - BBA – Mol. Cell Biol. Lipids 2012, 1821, 1078-1088.
30. Cai B, S. Caplan, N. Naslavsky – Mol. Biol. Cell 2012, 23, 1874-1888.
31. Makiyama T., H. Nakamura, A. Nishida, T. Murayama – Eur. J. Pharmacol. 2012, 697 144–151.
32. Aribindi K., Guerra Y., Piqueras MDC., Banta JT., Bhattacharya SK. - Curr. Eye Res., 2013, 38, 1017-1026.
33. Kamčeva, T., Radisavljević, M., Vukićević I., Arnhold, J., Petković, M. - Chemistry and Biodiversity 2013, 10, 1972-1986
34. Nakamura, Hiroyuki - Current Psychopharmacol., 2013, 2, Number 1, 58-65.
35. Pastukhov O. · Schwalm S. · Römer I. · Zangemeister-Wittke U. · Pfeilschifter J. Huwiler A. - Cell. Physiol. Biochem., 2014, 34, 119-133.
26. Rodriguez-Cuenca S., V. Pellegrinelli, M. Campbell, M. Oresic, A. Vidal-Puig - Progress in Lipid Research 2017, 66, 14-29.

In Books

1. Bunt G. – in: “Regulation of cytosolic phospholipase A2 in Molecular Mechanisms of Transcellular Signaling”, NATO Science Series, Life Sciences, (Thiery, J.P., Ed.), IOS Press, Amsterdam, 309, 109-125, 2000
2. G.D. Lopaschuk, A. Onay-Basikei – in: “Lipobiology (Advances in Molecular and Cell Biology) », by Ger Van Der Vusse, 2004, p.237
3. Larsson, K., Quinn, P., Sato, K., Tiberg, F. - in: Lipids: Structure, Physical Properties and Functionality; February 2006, Pages 1-267; ISBN:978-095319499-5; Elsevier Inc.
4. Chowdhury, I., Bhat, G.K. - in: Mitochondria: Structure, Functions and Dysfunctions (Mitochondria - in cellular life and death (Chapter B) 2011, Pages 279-376
5. Soheyla Shabahang, Armaz Aschrafi, Josef Pfeilschifter and Andrea Huwiler1 - Sphingolipids in Health and Disease, *pharmazentrum frankfurt*, Klinikum der Johann Wolfgang Goethe-Universität, Theodor-Stern-Kai 7, D-60590 Frankfurt am Main. researchgate.net

In Theses

1. Момчилова-Панкова А.Б. – „Структурна организация и моделиране на липидния бислой в биологични мембрани” – Докторска дисертация (дбн), София 2002.
2. Bailleux A. – in: Regulation de la phospholipase A2 cytosolique dans les cellules epitheliales, These, 2004, Paris

3. Staneva G. – in: Dynamique des membranes heterogenes et effets des molecules d'asymetrie sterique positive. Etude sur des vesicules geantes, These, 2004, Paris
4. Petkova D.H. – in: “Функционална роля на мембранните фосфолипиди и някои техни приложения”, Докторска дисертация, София 2008.
5. Gerarda Sophia Agnes Theodora van Rossum – in: “Regulation of cytosolic Phospholipase A2 activity plays a central role in cell responses”, Universiteit Utrecht, Utrecht 2001.
6. Tyagi, Pradeep - Intravesical Therapy of Interstitial Cystitis. Doctoral Dissertation, University of Pittsburgh, 2005.
7. Claudia-Alexandra Dumitru - "Regulation and function of acid sphingomyelinase (ASM) and ceramide in TRAIL-induced apoptosis", INAUGURAL DISSERTATION zur Erlangung des Doktorgrades der Naturwissenschaften (Dr. rer. nat.) dem Fachbereich Bio- und eowissenschaften, Landschaftsarchitektur an der Universität Duisburg-Essen, Oktober 2006
8. Matthew Wallace Buczynski - Lipidomic Analysis of Eicosanoid Dynamics in Inflammation and Disease, University of California, San Diego, 2008.
9. Marika Hoffmann - Mechanistische Untersuchungen zur Modulation der zytosolischen Phospholipase A2 durch Hyperforin, Dissertation zur Erlangung des Doktorgrades der Naturwissenschaften, vorgelegt beim Fachbereich Biochemie, Chemie und Pharmazie der Johann Wolfgang Goethe-Universität in Frankfurt am Main, 2009.
10. Cubells Diez, Laia - Annexina A6 regula el transport intracel.lular de caveolina, Universitat de Barcelona. Departament de Biologia Cel·lular i Anatomia Patològica, 2008.

In Catalogues

1. Brenda - Entry of sphingomyelin phosphodiesterase (EC-Number 3.1.4.12); PubMedID 11013311
2. Frenda - 3.1.1.4 phospholipase A2 1782847

Patents that cite:

1. Ceramide kinase and uses thereof
Chalfant; Charles E.; (*Petersburg, VA*) ; Hannun; Yusuf A.; (*Sullivans Island, SC*) ; Pettus; Benjamin J.; (*N. Charleston, SC*) ; Bielawska; Alicja; (*Charleston, SC*) 20060030537
February 9, 2006

66. Wolf C., Koumanov K., Tenchov B., Quinn J.P. Cholesterol favors phase separation of sphingomyelin *Biophys. Chem.* 2001 89, 163-172.

1. Sapin C., Delmas O, Tessier C, Enouf V, Chwetzoff S, Ouanich J. – J. Virol. 2002, 76, 4591-4602.
2. Ramstedt B. and Slotte J.P. – FEBS Lett. 2002, 531, 33-37.
3. Costa-Filho A.J., Shimoyama Y. and Freed J.H. – Biophys. J. 2003, 84, 2619-2633.
4. Chiang Y.W., Yuhei Shimoyama, Gerald W. Feigenson, Jack H. Freed – Biophys. J. 2004, 87, 2483-2496.
5. Feng Y – Biophys. J. 2004, 86, 2208-2217.
6. Barenholz Y. – Subcell. Biochem. 2004, 37, 167-216.
7. Aurélien Lorin, Christelle Flore, Annick Thomas, Robert Brasseur - Biotechnol. Agron. Soc. Environ. 2004, 8, 163–176.
8. Bjorkqvist YJE, Nyholm TKM, Slotte JP, Ramstedt B. - Biophys. J. 2005, 88:4054-4063

9. Alanko, S.M.K., Halling, K.K., Maunula, S., Slotte, J.P., Ramstedt, B. - *BBA - Biomembranes* 2005, 1715, 111-121.
10. Companyó M., A. Iborra, J. Villaverde, P. Martínez, A. Morros – *Biochim. Biophys. Acta* 2007, 1768, 2246–2255
11. Armstrong, D. L., Zidovetzki, R. - *Biophys. J.* 2008; 94: 4700 - 4710.
12. Paila, Y.D., Murty, M.R.V.S., Vairamani, M, Chattopadhyay, A. – *Biochim. Biophys. Acta - Biomembranes*, 2008, 1778, 1508-1516.
13. Popova, O. B., Sanina, N. M., Likhatskaya, G. N., Bezverbnaya, I. P. - *Russian J. Marine Biol.* 2008, 34, 179-185.
14. Miles, A.J., Drechsler, A., Kristan, K., Anderluh, G., Norton, R.S., Wallace, B.A., Separovic, F. - *Biochimica et Biophysica Acta - Biomembranes*, 2008, 1778, 2091-2096.
15. Xiao-Sheng Jiang, , Peter S. Backlund, Christopher A. Wassif, Alfred L. Yergey and Forbes D. Porter – *Mol. Cell. Proteomics*, 2010; 9, 1461 - 1475.
16. Sergelius C., S. Yamaguchi, T. Yamamoto, J. Peter Slotte, S. Katsumura - *Biochimica et Biophysica Acta (BBA) - Biomembranes* 2011, 1808, 1054-1062.
17. Lai, A.L., L.K. Tamm, J.F. Ellena, D.S. Cafiso – *JBC* 2011, 286, 25291-25300.
18. Lonnfors M., J.P. F. Doux, J. Killian, T.K.M. Nyholm, J. Peter Slotte – *Biophys. J.* 2011, 100, 2633–2641.
19. Max Ernst A., F.-X. Contreras, C. Thiele, F. Wieland, B. Brügger - *BBA – Biomembranes*, 2012, 1818, 2616–2622.
20. Chakraborty M., XC Jiang - *Lipid Mediated Protein Signaling* 2013; D. Capelluto (ed); *Adv. Exp. Med. Biol.*, 2013, 991, 1-14.
21. Ernst A.M., B. Brügger - *Biochim. Biophys. Acta - Mol. Cell Biol. Lipids-* 2014, 1841, 665-670.
22. Benesch M.G.K., R.N. A. H. Lewis, R. N. McElhaney - *Chem. Phys. Lipids* 2015, 191, 123-135.
23. Cheng K., M-H. Ropers, C. Lopez - *Food Chemistry* 2017, 224, 114–123.

In Theses

1. Момчилова-Панкова А.Б. – „Структурна организация и моделиране на липидния бислой в биологични мембрани” – Докторска дисертация (дбн), София 2002.
2. Companyó Casanovas, Mònica - in : « Paper dels lípids de membrana en la capacitació i reacció acrosòmica de l'espermatozoide de boc: estudis biofísics » (2005) - DEPARTAMENT DE BIOQUÍMICA I BIOLOGIA MOLECULAR, Universitat Autònoma de Barcelona <http://www.tdx.cesca.es/TDX-0117105-162238/>
3. Tessier C. – „ Séparation de phase dans des membranes phospholipidiques modèles”, Thèse, Paris 2006.

67. Koumanov K.S., Momchilova A.B., Quinn P.J., Wolf C.

Ceramides increase the activity of the secretory phospholipase A2 and alter its fatty acid specificity.

***Biochem. J.* 2002, 363, 45-51.**

1. Noh S.K. and Koo S.I. – *J. Nutrition* 2003, 133, 3571-3576.
2. Zhao HX, Kinnunen PKJ – *Antimicrob. Agents* 2003, 47, 965-971
3. Pettus BJ, A Bielawska, S Spiegel, P Roddy, YA - *J. Biol. Chem.*, 2003, . 278, 38206-38213

4. Wanner R., Peiser M., Wittig B. – *J. Invest. Dermatol.* 2004, 122, 773-782.
5. Kitatani K., Akiba S., Sato T. – *Cell. Signal.* 2004, 16, 967-974.
6. Pettus B.J.; Chalfant C.E; Hannun Y.A. – *Curr. Mol. Med.*, 2004, 4, 405-418.
7. Farooqui AA, Horrocks LA. - *Prostaglandins Leukot Essent Fatty Acids.* 2004, 71:161-9.
8. Murase, T., Imaeda, N., Kondoh, N., Tsubota, T. – *J. Reprod. Develop.* 2004, 50, 667-674.
9. Wang, J.-J., Liu, Y., Cheng, J., Yang, Q., Ji, D., Dang, X.-Y., Wang, C.-H. - *World Chinese Journal of Digestology* 2004, 12, 54-57.
10. Wang J.J., Y.L., J. Cheng, Q. Yang, D. Ji, X.-Y. Dang, C.H. Wang (Scholar google) - *世界华人消化杂志*, 2004, 12, 54-57.
11. GeneCard for protein-coding PLAA GC09M026894 - Phospholipase A2-activating protein, 2004.
12. Kornhuber, J., Medlin, A., Bleich, S., Jendrossek, V., Henkel, A.W., Wiltfang, J., Gulbins, E. – *J. Neural Transmission* 2005, 112, 1583-1590.
13. Atanasov V., Bardarov V., Aleksiev B., Mitewa M. J. - *Venom. Anim. Toxins incl. Trop. Dis.* 2005, 11, 350-360.
14. Kirschnek S., E. Gulbins - *Infection and Immunity* 2006, 74, 850-860.
15. Subbaiah, P.V., Peter Horvath, and Srinivasa B. Achar - *Biochemistry*, 2006, 45, 5029 - 5038.
16. El Alwani, M., Wu, B.X., Obeid, L.M., Hannun, Y.A. – *Pharmacol. Therap.* 2006, 112, 171-183.
17. Kuksis, A., Pruzanski, W. – *J. Clin. Ligand Assay* 2006, 29, 37-46.
18. Singh D.K., P.V. Subbaiah - *J. Lipid Res.*, 2007, 48, 683-692.
19. Pruzanski W., G. Lambeau, M. Lazdunski, W. Cho, J. Kopilov, A. Kuksis - *Biochimica et Biophysica Acta – Mol. Cell. Biol. Lipids* 2007, 1771, 5-19.
20. Puff N., Angelova M. – *Adv. Planar Lipid Bilayers and Liposomes* 2007, vol.5, 173-228.
21. Singh, D.K., Gesquiere, L.R., Subbaiah, P.V. – *Arch. Biochem. Biophys.*, 2007, 459, 280-287.
22. Shimizu M., Y. Matsumoto, T. Kurosawa, C. Azuma, M. Enomoto, H. Nakamura, T. Hirabayashi, M. Kaneko, Y. Okuma, T. Murayama – *Biochem. Pharmacol.* 2008, 1358-1369
23. Shimizu, M., Tada, E., Makiyama, T., Yasufuku, K., Moriyama, Y., Fujino, H., Nakamura, H., Murayama, T. - *Cellular Signalling* 2009, 21, 440-447.
24. Gao, J.-T., Liu, S.-H., Yan, Y.-E., Wu, Y., Wu, H.-T., Xing, C., Ge, X.-M., Wang, H., Zhao, Y.-Q., Fan, M. - *Cell Biol. Int.*, 2009, 33, 874-881.
25. Domoki, F., Zimmermann, A., Lenti, L., Tóth-Szuki, V., Pardeike, J., Müller, R.H., Bari, F. - *Microvascular Res.* 2009, 78, 212-217.
26. Korotaeva, A.A., Samoilova, E.V., Pirkova, A.A., Ameliushkina, V.A., Prokazova, N.V., Tkachuk, V.A., Chazov, E.I. - *Prostaglandins and Other Lipid Mediators* 2009, 90, 37-41.
27. Kornhuber J, Reichel M, Tripal P, Groemer TW, Henkel AW, Muhle C, Gulbins E. – *Eur. Arch. Psych. Clin. Neurosci.* 2009, 259, 199-204: Suppl. 2.
28. Kulma M., M. Hereć, W. Grudziński, G. Anderluh, W. I. Gruszecki, K. Kwiatkowska, A. Sobota – *BBA-Biomembranes* 2010, 1798, 471-481.
29. Westerlund B., • P-M Grandell, Y. J. E. Isaksson, J. Peter Slotte - *Eur Biophys J.*, 2010, 39, 1117-1128.

30. Pasquaré S.J., V.L. Gaveglio, N.M. Giusto – J.Lipids, 2011 (2011), Article ID 342576, 18 pages, doi:10.1155/2011/342576
31. Rayyan M., H. Devlieger, F. Jochum, K. Allegaert - JPEN J Parenter Enteral Nutr, 2012; 36: 81S - 94S.
32. Deevska GM, M. Sunkara, A.J Morris .M. N Nikolova-Karakashian - Bioscience Reports 2012 32, 479-490.
33. Demirkan A., A. Isaacs, P. Ugocsai, G. Liebisch, M. Struchalin, I. Rudan, J.F. Wilson, P.P. Pramstaller, U. Gyllensten, H. Campbell, G. Schmitz, B. A. Oostra, C.M. van Duijn - Journal of Psychiatric Research 2013. 47, 357-362.
34. Abtahi · Behrooz · Mosafer Khorjestan · Ghezellou · Parviz · Aliahmadi · Ranaei Siadat · Seyed Omid · Kazemi · Seyed Mehdi · Ghassempour · Fathinia · Behzad · J. Persian Gulf, 2014, 5, 27-36.
35. Nakamura H., S. Wakita, K. Yasufuku, T. Makiyama, M. Waraya, N. Hashimoto, T. Murayama - J. Cell. Biochem. 2015, 116, 1898-1907.
36. Rodriguez-Cuenca S., V.Pellegrinelli, M.Campbell, M.Oresic, A. Vidal-Puig - Progress in Lipid Research 2017, 66, 14-29.

In Theses

1. Bade Andreas – in: „Untersuchungen zu function und eigenschaften einer phospholipase aus soja (Glycine max)“ Dissertation zur Erlangung der Doctorgrades der Naturwissenschaften, J.W. Goethe-Universität, Frankfurt am Main, 2003
2. Staneva G. – in: Dynamique des membranes heterogenes et effets des molecules d’asymetrie sterique positive. Etude sur des vesicules geantes, These, 2004, Paris
3. Петрова Е.Б. – in: Промени в липидите на мозък на плъх и мозъчни субклетъчни фракции при експериментален модел на церебрална исхемия. Дисертация, 2006, София.
4. Bohmann, Julia Lisa. Aktivität der Sauren Sphingomyelinase bei Kontrollpersonen. Inaugural-Dissertation, 2009.

In Catalogues

1. Brenda - Entry of phospholipase A2 (EC-Number 3.1.1.4); PubMedID 11903045
2. Brenda - Entry of sphingomyelin phosphodiesterase (EC-Number 3.1.4.12); PubMedID 11903045

68. Ledoux S., Runembert I., Koumanov K., Michel J.B., Trugnan G., Friedlender KG. Hypoxia enhances ecto-5'-nucleotidase activity and cell surface expression in endothelial cells. Role of membrane lipids. *Circ. Res.* 2003, 92, 848-855.

1. Bhatnagar A. – *Circ. Res.* 2003, 92, 821-823. (Editorial)
2. Eltzschig H.K., Ibla J.C., Furuta G.T., Leonard M.O., Jacobson K.A., Enjoji K., Robson S.C. and Sean P. Colgan S.P. - *J. Exp. Med.* 2003, 198, 783-796.
3. Inoue, M., M.A. Digman, M. Cheng, S.Y. Breusegem, N. Halaihel, V. Sorribas, W.W. Mantulin, E. Gratton, N. P. Barry, and M. Levi - *J. Biol. Chem.* 2004 279, 49160-49171
4. Lukashev D, Ohta A, Sitkovsky M - *DRUG DISCOVERY TODAY* 2004, 9 : 403-409
5. Carey G.B., L. J. Wotjukiewicz, J. M. Goodman, K. E. Reineck, K. C. Overman – *Exp. Biol. Med.* 2004, 229:1026-1032.

6. Thompson LF., HK. Eltzschig, JC. Ibla, C. J Van De Wiele, R Resta, JC. Morote-Garcia, SP. Colgan – J. Exp. Med, 2004, 200, 1395-1405.
7. Lukashev, D., Ohta, A., Apasov, S., Chen, J.-F., Sitkovsky, M. - Journal of Immunology 2004, 173, 21-24.
8. Frantz S, K. A. Vincent, O. Feron, R. A. Kelly - Circulation Research. 2005, 96:15-26.
9. Gorlach A. – Circ. Res. 2005, 97, 1-3.
10. 李晓波, et al. "低氧增强小鼠脑微血管内皮细胞 CD73 表达." *中国病理生理杂志* 21.7 (2005): 1255-1259.
11. Adair T. H. - Am J Physiol Regul Integr Comp Physiol 2005, 289: R283-R296,
12. Hunsucker, S.A., Mitchell, B.S., Spsychala, J. – Pharmacol. Therap. 2005,107, 1-30
13. Li X.B., Zhou P., Zhao F.D., Yin L.H. – Chinese J. Pathophysiol. 2005, 21, 1255-1259.
14. Volmer J.B., F. Thompson, M.R. Blackburn – J. Immunol. 2006, 176: 4449-4458.
15. Morote-García, J.C., Sánchez del Campo, L.F., Campoy, F.J., Vidal, C.J., Muñoz-Delgado, E. – Int. J. of Biochem. Cell Biol. 2006, 38, 1092-1101
16. Otsuguro K., Y. Yamaji, M. Ban, T. Ohta, S. Ito J. Physiol. (2006) 574: 835 – 847.
17. Li, X., Zhou, T., Zhi, X., Zhao, F., Yin, L., Zhou, P. - Microvascular Res. 2006, 72, 48-53.
18. Guo J.J., Peng G.H., Wu S.Y. – China Med. Engineering 2006, 14, 71-72.
19. Kinderlerer A.R., Steinberg R., Johns M., Harten S.K., Lidington E.A., Haskard D.O., Maxwell P.H., Mason J.C. – Arthritis Res. Ther. 2006 8, R130.
20. 首页 >> 医药卫生 >> 基础医学 >> 中国医学工程 - Diagnostic value of serum 5'-nucleotidase in alimentary canal cancer, 2006年第01期
21. Reigada, D., Zhang, X., Crespo, A., Nguyen, J., Liu, J., Pendrak, K., Stone, R.A., Laties, A.M., Mitchell, C. - Purinergic Signalling 2006, 2, 499-507.
22. Stenmark K.R., K. A. Fagan, M. G. Frid - Circ. Res., Sep 2006; 99: 675 - 691.
23. Colgan S.P., H.K. Eltzschig, T. Eckle, L.F. Thompson - Purinergic Signalling 2006,2, 351-360.
24. Bours M.J.L., E.L.R. Swennen, F. Di Virgilio, B.N. Cronstein and P.C. Dagnelie - Pharmacology & Therapeutics 2006, 112, 358-404.
25. Gessi, S., K. Varani, S. Merighi, E. Fogli, V. Sacchetto, A. Benini, E. Leung, S. Mac-Lennan, P.A. Borea - Purinergic Signalling 2007 3:109–116.
26. Khalpey Z, Yuen AHY, Lavitrano M, McGregor CGA, Kalsi KK, Yacoub MH, Smolenski RT Mol. Cell. Biochem. 2007, 304, 109-117.
27. Z. Peng, P. Fernandez, T. Wilder, H. Yee, L. Chiriboga, E. S. L. Chan, B. N. Cronstein – FASEB J. 2008, 22, 2263-2272.
28. Eltzschig, H.K., MacManus, C.F., Colgan, S.P. - Trends Cardiovasc. Med., 2008, 18, 103-107.
29. Botto, L., Beretta, E., Bulbarelli, A., Rivolta, I., Lettiero, B., Leone, B.E., Miserocchi, G., Palestini, P. – J. Cell. Biochem. 2008, 105, 503-513.
30. Sowa N.A., B.Taylor-Blake, M.J. Zylka - J. Neurosci., 2010; 30: 2235 - 2244.
31. Braun, J.S. - Anatomical Record 2010, 293, 379-382.
32. Iyú D., J. R. Glenn, A. E. White, S. C. Fox, S. Heptinstall - Arterioscler Thromb Vasc Biol 2011, 31, 416-422.
33. Dai Y., H. He, G.E. Wise, S. Yao – J.Biomed. Sci. Eng. 2011, 4, 454-461.
34. 何洁文, and 王勋松. "血清 5'-核苷酸酶在几种常见恶性肿瘤的诊断价值 [J]." *国际检验医学杂志* 32.3 (2011): 403-404.

35. Guillén-Gómez E, Pinilla-Macua I, Pérez-Torras S, Choi DS, Arce Y, Ballarín JA, Pastor-Anglada M, Díaz-Encarnación MM. – J. Cell. Physiol. 2012, 227, 1521-1528
36. Ghiringhelli F., M. Bruchard, F. Chalmin, C. Rebe – J. Biomed. Biotech., 2012, doi: 10.1155/2012/4737712, , Epub 2012 Oct 14. Review
37. Palestini, P; Cunati, D; Farina, F; Botto, L. - Current Respiratory Medicine Reviews, 2012, 8, 90-99.
38. Choi, W.Y., Jeon, H.G., Chung, Y., Lim, J.J., Shin, D.H., Kim, J.M., Ki, B.S., Song, S.-H., Choi, S.-J., Park, K.-H., Shim, S.H., Moon, J., Jung, S.J., Kang, H.M., Park, S., Chung, H.M., Ko, J.J., Cha, K.Y., Yoon, T.K., Kim, H. , Lee, D.R. - Stem Cells and Development 2013, 22, 2158-2173.
39. Rylova, J.V. , Buravkova, L.B. - Cell and Tissue Biology 2014, 8, 107-114.
40. Le GY., Essackjee HC., Ballard HJ. – Biochim. Biophys. Res. Commun. 2014, 450, 93-98
41. Ju, H.K., Nam, G.M., Min, J.-S., Pyo, J.S., Kang, J.S. - - Analyt. Lett., 2016, 49, 1938-1947
42. Zeitouni N.E., S. Chotikatum, M. von Köckritz-lickwede, H. Y. Naim - Mol. Cell. Pediatrics 2016, 3, 14. DOI 10.1186/s40348-016-0041-y
43. Tak, E., Jung D.H., Kim S.H., Park G.C., Jun D.Y., Lee J., Jung B.H., Kirchner V.A., Hwang S.J., Song G.W., Lee S.G. - Toxicol. Appl. Pharmacol., 2017, 314, 72-81.
44. Faas M.M., T. Sáez, P. de Vos - Molecular Aspects of Medicine 2017, <http://dx.doi.org/gate2.inist.fr/10.1016/j.mam.2017.01.002>
45. Uribe D., A. Torres, J. Dellis Rocha, I. Niechi, C. Oyarzún, L. Sobrevia, R. San Martín, C. Quezada - Molecular Aspects of Medicine Available, 2017, online 20 February 2017, <http://dx.doi.org/10.1016/j.mam.2017.01.009>

In Books

1. Rossini .L. – in: PROGRAMMI DI RICERCA SCIENTIFICA DI RILEVANTE INTERESSE NAZIONALE RICHIESTA DI COFINANZIAMENTO (DM n.582/2006 del 24 marzo 2006)
2. Takedachi, Masahide, Sean P. Colgan, and Linda F. Thompson. "The role of CD73 in the generation of extracellular adenosine for adenosine receptor signaling." in: *Adenosine Receptors: Therapeutic Aspects for Inflammatory and Immune Diseases*, Gyorgy Hasko, Bruce N. Cronstein, Csaba Szabo (Eds), CRC Press, 2006
3. KR Stenmark, MG Frid - "Pulmonary vascular remodeling: cellular and molecular mechanisms", in: Textbook of Pulmonary Vascular Disease. Springer US, 2011. 759-777.

In Theses

1. Ying Fang – in: “Signaling Pathway from the A2B Adenosine Receptor to Extracellular signal-Regulated Kinases (ERK1/2) in Human Umbilical Vein Endothelial Cells (HUVEC) and Its Role in HUVEC Proliferation”, Thesis for the degree of DOCTOR OF PHILOSOPHY (Ph.D.), Department of Pharmacology and Cell Biophysics of the College of Medicine, Peking University, 2006.
2. Karin Walldén – in: “Structural Studies of Human 5'-Nucleotidases”, Doctoral thesis at Stockholm University Department of Biochemistry and Biophysics, Stockholm 2008
3. Riksen, Niels Peter. - Adenosine in health and disease: a human in vivo study on genetic, metabolic, and pharmacological determinants of the cardiovascular effects of adenosine. [SI: sn], Dissertation, Radboud University Nijmegen, 2007.

4. Anja Buchheiser - "Molekulare und funktionelle Charakterisierung von Ecto-5'-Nucleotidase/CD73-defizienten Mausmutanten zur Klärung der Bedeutung von extrazellulär gebildetem Adenosin bei akuten und chronischen Entzündungsprozessen", Aus dem Institut für Herz- und Kreislaufphysiologie der Heinrich-Heine-Universität Düsseldorf, 2007.
5. Seeßle, Jessica - "ATP release from vascular endothelia occurs through connexin 43 and is attenuated during hypoxia", Dissertation, Eberhard Karls Universität, Tübingen, 2009.
6. Dürrstein, Carin - "Oxygen-independent stabilization of Hypoxia Inducible Factor (HIF)-1 during Respiratory Syncytial Virus infection", Dissertation, Eberhard Karls Universität, Tübingen, 2009.
7. Kiss, Jan (2008-10-17)- The role of endothelial enzymes NOS, VAP-1 and CD73 in acute lung injury, Doctoral dissertation, MediCity Research Laboratory, University of Turku, Institute of Clinical Medicine, Department of Surgery, 2008.
8. JOSSELINE DANIELA SALINAS CARO - "EFECTO DE LA INHIBICIÓN DEL TRANSPORTADOR MRP1 SOBRE LA QUIMIORESISTENCIA EN GLIOBLASTOMA MULTIFORME HUMANO", Facultad de Ciencias Escuela de Química y Farmacia, Universidad Austral de Chile, 2011.
9. Romio, M. - Role of ecto-5'-nucleotidase (CD73) and adenosine A2A receptors on T-cell mediated immune response., Dissertationen, Heinrich Heine Universität, Dusseldorf, 2010.
10. Falomir Lockhart, Lisandro J. - Estudio de proteínas solubles que unen lípidos (SLBP) intracelulares expresadas en sistemas que metabolizan grandes cantidades de lípidos, Universidad Nacional de La Plata, Facultad de Ciencias Exactas, Departamento de Ciencias Biológicas, 2009.

69. Attalah H.L., Wu Y., Alaoui-El-Azher M., Thouron F., Koumanov K., Wolf C., Brochard L., Harf A., Delclaux C., Touqui L.
Induction of type-IIA secretory phospholipase A2 in animal models of acute lung injury
Eur. Respir. J. 2003, 21, 1040-1045.

1. Kuypers FA, Styles LA – Cell Mol. Biol. 2004, 50, 87-94.
2. Current Opinion in Allergy & Clinical Immunology. 4(5):461-477, October 2004.
3. Current Opinion in Pulmonary Medicine. 10(3):218-238, May 2004.
4. Wheeler, D.S. – Crit. Care Med. 2005, 33, 904-905.
5. Nakos, G., FCCP; Kitsioulis, E., Hatzidaki, E., Koulouras, V., Touqui, L., Lekka, M.E.- Critical Care Medicine. 2005 33:772-779,
6. 龚小慧 孙波 (Scholar google) - Foreign Med. Sci. 2005, 32, 34-36.
7. Henderson F.C., O.L. Miakotina, R.K. Mallampalli - J. Lipid Res., 2006, 47: 2314 - 2324.
8. Grubor B., D. K. Meyerholz and M. R. Ackermann - Vet Pathol 2006, 43:595-612.
9. Demoule A, Decailliot F, Jonson B, Christov C, Maitre B, Touqui L, Brochard L, Delclaux C - INTENSIVE CARE MEDICINE 2006, 32, 413-420.
10. Brueseke T. J., J.D. Bell – BBA, 2006, 1761, 1270-1279.
11. Triggiani, M., F. Granata, A. Frattini, G. Marone – BBA, 2006, 1761, 1289-1300.
12. Yedgar S., Y. Cohen, D. Shoseyov – BBA, 2006, 1761, 1373-1382.
13. Zhou, J., Wu, Y., Henderson, F., McCoy, D.M., Salome, R.G., McGowan, S.E., Mallampalli, R.K. - Gene Therapy 2006, 13, 974-985.
14. Delclaux C. - Réanimation 2007, 16, 28-32.

15. Wu, Y., Xu, Z., Henderson, F.C., Ryan, A.J., Yahr, T.L., Mallampalli, R.K. - *Cellular Microbiology* 2007, 9, 1062-1072.
16. Agassandian M., O.L. Miakotina, M. Andrews, S.N. Mathur, R.K. Mallampalli - *Biochem. J.* 2007, 403, 409–420.
17. Zecca, E., De Luca, D., Marras, M., Barbato, G., Romagnoli, C. - *Current Pediatric Reviews* 2007, 3, 167-176.
18. Wang Z, Y Chang, AL Schwan, RH Notter - *Am. J. Respir. Cell Mol. Biol.* 2007, 37, 387-394.
19. Notter RH , Schwan AL , Wang ZD , Waring AJ - *MINI-REVIEWS IN MEDICINAL CHEMISTRY* 2007, 7 , 932-944.
20. Hurley B.P., B.A. McCormick - *Infect. Immun.* 2008; 76: 2259 - 2272.
21. Walther, F.J., Waring, A.J, Hernandez-Juviel, J.M., Gordon, L.M., Schwan, A.L., Jung, C.-L., Chang, Y., Wang, Z., Notter, R.H. - *PLoS ONE* 2007, 2, Issue 10, 17 October 2007, Article number e1039
22. Kostopanagiotou, G., Avgerinos, E., Costopanagiotou, C., Arkadopoulos, N., Andreadou, I., Diamantopoulou, K., Lekka, M., Smyrniotis, V., Nakos, G. – *J. Surg. Res.* 2008, 147, 108-116.
23. Willson, D.F., Chess, P.R., Notter, R.H. - *Pediatric Clinics of North America* 2008, 55, 545-575.
24. Raghavendran K, Pryhuber GS, Chess PR, Davidson BA, Knight PR, Notter RH – *Curr. Med. Chem.*, 2008, 15, 1911-1924.
25. Demoule, A., Brochard, L., Delclaux, C. *Resuscitation* 2008, 17, 36-41.
26. De Luca, D., Baroni, S., Vento, G., Piastra, M., Pietrini, D., Romitelli, F., Capoluongo, E., Romagnoli, C., Conti, G., Zecca, E. - *Intensive Care Medicine* 2008, 34, 1858-1864.
27. 人分泌型磷脂酶 A2 (hsPLA2-II A) 基因的克隆, 表达及活性鉴定 - *China Biotechnology*, 2006, 26(8) : 93~97
28. Munoz N.M, A.Yuk Meliton, L.N Meliton, S.M. Dudek, A.R. Leff - *Am J Physiol Lung Cell Mol Physiol* 2009, 296: L879-L887.
29. Chen HL, Hai CX, Liang X, Zhang XD, Liu R, Qin XJ – 2009, *Inhal. Tox.* 21, 374-380.
30. Kitsioulis, E., Nakos, G., Lekka, M.E. – *Biochim. Biophys. Acta - Molecular Basis of Disease* 2009, 1792, 941-953.
31. Xu, S., Chen, C., Wang, W.-X., Huang, S.-R., Yu, J., Chen, X.-Y. – *Pathol. Res. Pract.* 2010, 206, 73-82.
32. Iwanicki, J.L., Lu, K.W., Tausch, H.W. – *Exp. Lung Res.* 2010, 36, 167-174.
33. Farina F., G. Sancini, P. Mantecca, D. Gallinotti, M. Camatini, P. Palestini - *Toxicology Letters* 2011, 202, 209-217.
34. Wargo M.J., MJ Gross, S Rajamani, JL Allard, L KA Lundblad, GB Allen, ML Vasil, LW. Leclair, DA Hogan - *Am. J. Respir. Crit. Care Med.*, 2011; 184: 345-354.
35. Raghavendran, K., Willson, D., Notter, R.H. - *Critical Care Clinics* 2011, 27, 525-559.
36. Willson, DF, Notter, RH – *Resp. Care* 2011, 56, 1369-1386.
37. Schwan A.L., S.P. Singh, J.A. Davy, A.J. Waring, L.M. Gordon, F.J. Walther, Z. Wang, R.H. Notter - *Med. Chem. Commun.*, 2011, 2, 1167-1173.
38. Damas J.E., M.H. Cake - *Am J Physiol Lung Cell Mol Physiol*, 2011, 301:L966-L974.
39. Glasser J.R., R.K. Mallampalli - *Microbes and Infection* 2012, 14, 17-25.
40. Seeds, MC , Grier, BL , Suckling, BN , Safta, AM , Long, DL , Waite, BM , Morris, PE , Hite, RD – *Am.J. Med. Sci.* 2012, 343, 446-451.

41. De Luca D., A. Minucci, M. Piastra, P. E. Cogo, F. Vendittelli, L. Marzano, L. Gentile, B. Giardina, G. Conti, E. D. Capoluongo - PLoS ONE 2012, 7(10): e47066.
42. Meliton A.Y., N.M. Muñoz, L.N. Meliton, A.A. Birukova, A.R. Leff, K.G. Birukov - Am J Physiol Lung Cell Mol Physiol, 2013; 304: L689 - L700.
43. Herraes E., E. Lozano, E. Poli, V. Keitel, D. De Luca, C. Williamson, J. J. G. Marin, R. I. R. Macias - J. Mol. Med. 2014 92, 359-72.
44. Cogo P.E., G. M. Toffolo, C. Ori, A. Vianello, M. Chierici, A. Gucciardi, C. Cobelli, A. Baritussio, Virgilio P - Respiratory Research 2013 05/2013; 8(1). DOI:10.1186/1465-9921-8-13
45. Preuß S., J. Scheiermann, S. Stadelmann, F.D. Omam, S. Winoto-Morbach, D. Lex, P. von Bismarck, S. Adam-Klages, F. Knerlich-Lukoschus, D. Wesch, J. Held-Feindt, S. Uhlig, S. Schütze, M. F. Krause - Pulm. Pharmacol. Therap. 2014, 28, 25-34.
46. Chiu, C.-C., Shi, Y.-F., Yang, J.-J., Hsiao, Y.-C., Tzang, B.-S., Hsu, T.-C. - PLoS ONE 2014, 9, Article number e107970
47. Zhou CY, Wu H., Devaraj N. - Chem. Sci. 2015, 6, 4365-4372.
48. Heo, Y., Kwon, Y.C., Shin, K., Yoon, W.D., Han, C.H., Yum, S., Kim, E. - Toxicon 2016, 122, 160-166.
49. Notter RH, R. Gupta, A. L. Schwan, Z. Wang, M. Gh Shkoor, F. J. Walther -PeerJ, 2016, 10, Article number e2635.
50. Bielen, K., Jongers, B., Malhotra-Kumar, S., (...), Goossens, H., Kumar-Singh, S. -Annals of Translational Medicine
Volume 5, Issue 6, March 2017, Article number 132

In Books

1. Thomas NJ, Tamburro RF, Jr., Willson DF, Notter RH. - in "Pediatric Critical Care Medicine", Book Chapter "Surfactant therapy", vol. 2, 195-213, 2014, DS Wheeler et al. Eds., Springer

In Theses

1. Christelle Leportier-Comoy – in: “Etude de deux marqueurs de l’inflammation: Tumor Necrosis Factor α et Phospholipase A₂ dans les pathologies respiratoires inflammatoires”, These, Laboratoire E.P.H.E. de pharmacologie Cellulaire et Moléculaire. Institut de Recherche des Cordeliers, Le 19 décembre 2003.
2. Jemel Ikram - La phospholipase A₂ sécrétée de groupe X : Maturation protéolytique et rôles fonctionnels UNIVERSITE DE NICE-SOPHIA-ANTIPOLIS - UFR Sciences Ecole Doctorale des Sciences de la Vie et de la Santé, 2009.

In Catalogues

1. ProSpec-Tany TechnoGene Ltd - Recombinant Human Secreted Phospholipase A₂-IIA, 2006.
2. BioVendor Laboratory Medicine, Inc. - Human Secreted Phospholipase A₂-IIA (sPLA₂-IIA) His-Tagged Fusion Protein, 2006
3. Brenda - Entry of phospholipase A₂ (EC-Number 3.1.1.4); PubMedID 12797501
4. RayBiotech, Inc., Recombinant Human Secreted Phospholipase A₂-IIA, Catalog No. IP-04-290
5. BioVendor Research and Diagnostic Products - sPLA₂-IIE Human E. coli, Cat. No.: RD172064100, 2011.

70. Chabot S., Koumanov K., Lambeau G., Gelb M.H., Balloy V., Chignard M., Whitsett J.A., Touqui L.
Inhibitory effect of surfactant protein A on surfactant phospholipids hydrolysis by secreted phospholipases A2.
J. Immunol. 2003, 171, 995-1000.

1. Murakami M, Kudo I – Biol. & Pharmaceut. Bull. 2004, 27 : 1158-1164
2. Duncan Hite R, M.C. Seeds, A. M. Safta, R. B. Jacinto, J. I. Gyves, D. A. Bass, and B. Moseley Waite - Am J Physiol Lung Cell Mol Physiol 2005, 288: L618-L624,
3. Murakami M., S. Masuda, S. Shimbara, Y. Ishikawa, T. Ishii, I. Kudo - J. Biol. Chem., 2005 280, 24987-24998.
4. Masuda, S., Murakami, M., Mitsuishi, M., Komiyama, K., Ishikawa, Y., Ishii, T., Kudo, I. Biochemical Journal 2005, 387, 27-38.
5. Wheeler, D.S. - Critical Care Medicine 2005, 33, 904-905
6. Nakos, G., Kitsioulis, E., Hatzidaki, E., Koulouras, V., Touqui, L., Lekka, M.E. - Critical Care Medicine 2005, 33, 772-779
7. Hite, R.D., Seeds, M.C., Safta, A.M., Jacinto, R.B., Gyves, J.I., Bass, D.A., Waite, B.M. – Am. J. Physiol. - Lung Cell. Mol. Physiol. 2005, 288, 32-4,
8. Okumura K., A. Ohno, M. Nishida, K. Hayashi, K. Ikeda, S. Inoue - J. Biol. Chem, 2005,280, 37651-37659.
9. Masuda S., M. Murakami, Y. Ishikawa, T. Ishii, I. Kudo – Biochim. Biophys. Acta 2005, 1736, 200 – 210.
10. Ching-Hui Yang, J. Szeliga, J. Jordan, S. Faske, Z. Sever-Chroneos, B. Dorsett, R. E. Christian, R. E. Settlege, J. Shabanowitz, D. F. Hunt, J. A. Whitsett, Z. C. Chroneos - J. Biol. Chem., 2005, 280, 34447-34457.
11. Hite, R.D., Seeds, M.C., Jacinto, R.B., Grier, B.L., Waite, B.M., Bass, D.A. – Biochim. Biophys. Acta - Biomembranes 2005, 1720, 14-21.
12. 王继武 段明科 (Scholar google) – Chinese J. Coal Ind. Med. 2005, 8, 1039-1041.
13. 龚小慧 孙波 (Scholar google) – Foreign Med. Sci. 2005, 32, 34-36.
14. Ochs M, Schuttler M, Stichtenoth G, Herting E – Resp. Res. 2006, 7: Art. No. 86 JUN 6
15. Ishii T., Y. Takanezawa, J. Aoki, H. Arai, K. Yamamoto, I. Kudo, M. Murakami - J. Biol. Chem., Sep 2006; 10.1074/jbc.M607975200.
16. Henderson F.C., O.L. Miakotina, R.K. Mallampalli - J. Lipid Res. 2006 47: 2314-2324.
17. Ohtsuki M., Y. Taketomi, S. Arata, S. Masuda, Y. Ishikawa, T. Ishii, Y. Takanezawa, J. Aoki, H. Arai, K. Yamamoto, I. Kudo, M. Murakami - J. Biol. Chem., 2006, 281, 36420-36433.
18. Hurley B.P., B.A. McCormick - Infect. Immun. Infect. Immun. 2008; 76: 2259 - 2272.
19. 医学期刊, et al. "Identification of the Surfactant Protein A Receptor 210 as the Unconventional Myosin 18A." 2008. **HTML** от 9med.net
20. Munoz N.M, A. Yuk Meliton, L.N Meliton, S.M. Dudek, A.R. Leff - Am J Physiol Lung Cell Mol Physiol 2009, 296: L879-L887.
21. Kitsioulis, E., Nakos, G., Lekka, M.E. – Biochim. Biophys. Acta - Molecular Basis of Disease 2009, 1792, 941-953.
22. Chroneos ZC, Sever-Chroneos Z, Shepherd VL. – Cell. Physiol. Biochem. 2010, 25, 13-26.
23. Hatzidaki E, G. Nakos, E. Galiatsou, M.E. Lekka - Biochimica et Biophysica Acta (BBA) - Molecular Basis of Disease, 2010, 1802 , 986–994.

24. Murakami M., Y. Taketomi, C. Girard, K. Yamamoto, G. Lambeau - *Biochimie* 2010, 92, 561-582
25. Nishida M., M. Okamoto, A. Ohno, K. Okumura, K. Hayashi, K. Ikeda, S. Inoue - *Biochimica et Biophysica Acta (BBA) - Proteins & Proteomics* 2010, 1804, 2121–2127.
26. Murakami M., Y. Taketomi, Y. Miki, H. Sato, T. Hirabayashi, K. Yamamoto – *Progr.Lipid Res.* 2011, 50, 152–192.
27. Murakami M., H. Sato, Y. Taketomi, K. Yamamoto - *Int. J. Mol. Sci.* 2011, 12, 1474-1495.
28. Sribar, J. , Križaj, I. - *Acta Chimica Slovenica* 2011, 58, 678-688.
29. Karray A., Y. Ben Ali, J. Boujelben, S. Amara, F. Carrière, Y. Gargouri, S. Bezzine - *Biochimie* 2012, 94, 451–460
30. Duncan Hite R., B.L. Grier, B. M. Waite, R.A. Veldhuizen, F. Possmayer, L.-J. Yao, M.C. Seeds - *Am J Physiol Lung Cell Mol Physiol*, Jan 2012; 302: L257 - L265.
31. Agassandian, M., Mallampalli, R.K. - *Biochimica et Biophysica Acta - Molecular and Cell Biology of Lipids* 2013, 1831, 612-625.
32. Hallman M. - *Neonatology* 2013, 103, 320-326.
33. De Luca D, E. Lopez-Rodriguez, A. Minucci, F. Vendittelli, L. Gentile, E. Stival, G. Conti, M. Piastra, M. Antonelli, M. Echaide, J. Perez-Gil, E. D. Capoluongo - *Critical Care* 2013, **17**:R163 doi:10.1186/cc12842.
34. Boet, A., Brat, R., Aguilera, S. S., Tissieres, P., De Luca, D. - *MINERVA ANESTESIOLOGICA* 2014, 80, 1345-1356.
35. Nakamura H., S. Wakita, K. Yasufuku, T. Makiyama, M. Waraya, N. Hashimoto, T. Murayama - *J. Cell. Biochem.* 2015, 116, 1898-1907.
36. Kopincova, J., Calkovska, A. - *Pediatric Research* 2016, 79, 514-521.
37. Cui, L, Zheng, DH, Lee, YH, Chan, TK, Kumar, Y, Ho, WE, Chen, JZ , Tannenbaum, SR, Ong, CN - *SCIENTIFIC REPORTS* 2016, Volume: 6 Article Number: 26076 Published: MAY 18 2016 DOI: 10.1038/srep26076
38. Willcox, M.D.P. - *Eye and Contact Lens* 2017, 43, 5-16.

In Books

1. Anita Gupta, Rajesh K. Gupta - *Pulmonary SP-A: Forms and Functions*, in: *Animal Lectins: Form, Function and Clinical Applications* 2012, pp 501-525, Springer-Verlag, Wien 2012.

In Theses

1. Hollie, Norris - "Role of Group 1B Phospholipase A2 in Diet-induced Hyperlipidemia and Selected Disorders of Lipid Metabolism", *Electronic Thesis or Dissertation*. University of Cincinnati, . <https://etd.ohiolink.edu/> 2013
2. Lapointe, Stéphanie - "Rôle de la phospholipase A2 de type V dans le recrutement de leucocytes au foyer inflammatoire", *Departement de pharmacologie, Faculte de Medecine, Universite de Montreal*, Aout 2008
3. Jemel Ikram - *La phospholipase A2 sécrétée de groupe X : Maturation protéolytique et rôles fonctionnels* UNIVERSITE DE NICE-SOPHIA-ANTIPOLIS - UFR Sciences Ecole Doctorale des Sciences de la Vie et de la Santé, 2009.
4. María Lucía Peña Moreno - *TESIS DOCTORAL "Papel de la fosfolipasa A2 citosólica de rupo VIA en la diferenciación adipocítica y en el desarrollo de la obesidad inducida por dieta alta en grasa"; Instituto de Biología y Genética Molecular, Consejo Superior de*

Investigaciones Científicas (CSIC), Universidad de Valladolid, 47003 Valladolid, España;
Fecha de defensa: 25 julio 2014.

In Catalogues

1. Frenda - 3.1.1.4 phospholipase A2 1514592
2. Frenda - 3.4.23.49 omptin 1514592

71. Koumanov K., Momchilova A., Wolf C.

Bimodal regulatory effect of melittin and phospholipase A₂-activating protein on human type II secretory phospholipase A₂.
Cell Biol. Int. 2003, 27, 871-877.

1. Kontopidis G., MJI Andrews, C McInnes, A Cowan, H - *Structure* 2003, 11, 1537-1546.
2. Adibhatla, R.M., Hatcher, J.F. - *Free Radical Biol. Med.* 2006, 40, 376-387.
3. Maher, S., Feighery, L., Brayden, D.J., McClean, S. – *Pharmac. Res.* 2007, 24, 1336-1345.
4. Maher, S., Feighery, L., Brayden, D.J., McClean, S. – *Pharmac. Res.* 2007, 24, 1346-1356.
5. 赵亚华, et al. "蜂毒溶血肽作用机理研究进展." *昆虫学报* 50.7 (2007): 737-744.
6. Zhao YH, Lin AS, Li RQ, Gao XY, Zhang W, Zheng H.P. – *Acta Entomol. Sinica*, 2007, 50, 737-744.
7. 赵亚华, et al. "蜂毒溶血肽对鸡红细胞及膜的生化作用." *昆虫学报* 51.6 (2008): 586-594.
8. Maher S., S. McClean – *Biochem. Pharmacol.* 2008, 75, 1104-1114.
9. Maher, S., Brayden, D.J., Feighery, L., McClean, S. – *Crit. Rev. Therapeut. Drug Carrier Syst.* 2008, 25, 117-168.
10. 虞航行, 孙晋民, 陈相 - *医学理论与实践*, 共3页 页码范围: 2009, 3, 1190-1192页
11. Code C., Yegor A. Domanov, J. A. Killian, P. K.J. Kinnunen - *BBA - Biomembranes* 2009, 1788, 1064–1072.
12. Jun Chen, W.R. Lariviere - *Progress in Neurobiology* 2010, 92, 151-183.
13. Damianoglou A, Rodger A, Pridmore C, Dafforn TR, Mosely JA, Sanderson JM, Hicks MR – *Prot. Pept. Lett.*, 2010, 17, 1351-1362.
14. Peterson, J.W. et al., Beatty, B.G. et al., Chopra, A.K. et al., Bomalaski, J.S. et al., Ruiz, A. et al., et al. - *Wikigenes*
15. Liu X-H, F-L. Zhuang, J-P. Lu, F-C. Lin - *Microbiological Research* 2011, 167, 8-13.
16. Lee, J, Lee, JK, Busnaina, A, Park, B, Lee, H., - *J. Nanosci. Nanotechnol.* 2013, 13, 144-148.
17. Mahalka A.K., P.K.J. Kinnunen - *Biochem. Biophys. Res. Commun.* 2013, 436, 349-353.
18. T Picoli, CS Pich, MG Lopes, AG Teixeira, G Fischer - *Science and Animal Health* 2016, 4, 101-116.

In Books

1. Kim, Christopher MH. - "Apitherapy–Bee Venom Therapy." *Biotherapy-History, Principles and Practice.* Springer Netherlands, 2013. 77-112.

In Thesis

1. Ajay Kumar Mahalka - "Control of Protein Oligomerization De-oligomerization on Lipid Membranes", Doctoral Dissertation 220/2013; Alto University, School of Sciences, Helsinki Biophysics and Biomembrane Group, 2013.

In Catalogues

1. GeneCard for protein-coding *PLA2G2A GC01M020047*- Phospholipase A2, group IIA (platelets, synovial fluid), 2004.
2. GeneCard for protein-coding *PLAA GC09M026894* - Phospholipase A2-activating protein, 2004.
3. Sigma – Melittin from honey bee venom, 2006.
4. Brenda - Entry of phospholipase A2 (EC-Number 3.1.1.4); PubMedID 14499668

72. Bailleux A., Wendum D., Audubert F., Jouniaux A.M., Koumanov K., Trugnan G., Masliah J.

Cytosolic phospholipase A2/p11 interaction controls arachidonic acid release as a function of epithelial cell confluence.

Biochem J. 2004,378, 307-315.

1. Pérez R, R. Melero, M. A. Balboa, and J. Balsinde – J. Biol. Chem. 2004, 279, 40385-40391.
2. Herbert S.P., S. Ponnambalam, J. H. Walker - Mol. Biol. Cell, 2005, 16, 3800-3809.
3. Martín-Venegas R., S. Roig-Pérez, R. Ferrer, J. Jose Moreno - J. Lipid Res., 2006, 47, 1416-1423.
4. Santamaria-Kisel L., Rintala-Dempsey A.C., Shaw G.S. – Biochem. J. 2006, 396, 201-214.
5. Stewart JM, N. Fleshner, H. Cole, J. Sweet - J Clin Pathol. 2007, 60, 773-780.
6. Ghosh, M., Tucker, D.E., Burchett, S.A., Leslie, C.C. - Progress in Lipid Research 2006, 45, 487-510.
7. Stewart J, Fleshner N, Cole H, Sweet J – J. Clin. Pathol. 2007, 60, 773-780
8. Woods AK, Storey KB – Cell. Mol. Biol. Lett. 2007, 12, 621-632.
9. Andersson C., M. R. Al-Turkmani, J. E. Savaille, R. Alturkmani, W. Katrangi, J. E. Cluette-Brown, M. M. Zaman, M. Laposata, S D. Freedman - J. Lipid Res.,2008, 49, 1692-1700.
10. Borot, F., Vieu, D.-L., Faure, G., Fritsch, J., Colas, J., Moriceau, S., Baudouin-Legros, M., Brouillard, F., Ayala-Sanmartin, J., Touqui, L., Chanson, M., Edelman, A, Ollero, M. - PLoS ONE 2009, 4, Issue 10, Article number e7116
11. Umbrecht-Jenck E, Demais V, Calco V, Bailly Y, Bader MF, Chasserot-Golaz S- TRAFFIC 2010, 11, 958-971.
12. Surette AP., P A. Madureira, K D. Phipps, V A. Miller, P Svenningsson, D M. Waisman - Blood, 2011, 118 (11)
13. Bandorowicz-Pikula J., M. Wos, .S. Pikula - Molecular Membrane Biology, 2012, 29, 229-242.
14. Allard-Chamard, H., Dufort, P., Haroun, S., De Brum-Fernandes, A.J. - Prostaglandins, Leukotrienes & Essential Fatty Acids (PLEFA) 2014, 90, 117 - 123.
15. Leis, H.J., Windischhofer, W. - J. Trace Elem. Med. Biol. 2016, 33, 81-86.
16. Gabel, M., Chasserot-Golaz, S. - J. Neurochem. 2016, 137, pp. 890-896

In Books

1. Alexi P. Surette and David M. Waisman - "Fibrinolysis and Thrombolysis", book edited by Krasimir Kolev, ISBN 978-953-51-1265-5, Published: May 7, 2014;
. Chapter 3, S100A10: A Key Regulator of Fibrinolysis

In Theses

1. Fernández, Rebeca Pérez. "TESIS DOCTORAL Funciones biológicas de la fosfolipasa A2 independiente de calcio de grupo VIA en las células humanas U937.", Instituto de Biología y Genética Molecular, Consejo Superior de Investigaciones Científicas (CSIC), Universidad de Valladolid, 47003 Valladolid, España, 2006
2. Evans, M.A. - "Annexin 2 and diabetic vascular disease". Doctoral thesis, UCL (University College London), UCL > School of Life and Medical Sciences > Faculty of Brain Sciences > Institute of Ophthalmology 2009.

In Catalogues

1. Produit Block – cPLA2 (4-4B-4C): sc-454

73. Staneva G., Angelova M.I., Koumanov K.

Phospholipase A₂ Promotes Raft Budding and Fission from Giant Liposomes.

Chem. Phys. Lipids 2004,129, 53-62.

(11th in Top 25 during VII-IX 2004)

1. Allain JM, Storm C, Roux A, Amar MB, Joanny JF – Phys. Rev. Lett. 2004, 93 (15): Art. No. 158104 Oct 8, 1-4.
2. Alain J.M., Amar BM – Physica A 2004, 337, 531-545.
3. Hanczyc M.M., Szostak JW – Cur. Opin. Chem. Biol. 2004, 8, 660-664.
4. Literature Alerts – J. Microencapsulation 2004, 21, 687-694.
5. Adler S.S., S. Afanasiev, C. Aidala, N. N. Ajitanand, Y. Akiba Phys. Rev. Lett. 93, 092301 – Published 24 August 2004
6. Bardé F., M. R. Palacin, Y. Chabre, O. Isnard, J.-M. Tarascon - *Chem. Mater.*, 2004, 16 (20), 3936–3948
7. Mutafchieva, R; Boyanov, A.; Pajpanova, T., Tenchov B., Golovinsky E. - PEPTIDES 2004, PROCEEDINGS: BRIDGES BETWEEN DISCIPLINES Pages: 922-923 Published: 2005
8. Baumgart T. , S. Lal Das , W.W. Webb, J.T. Jenkins - *Biophys. J.* 2005, 89: 1067 - 1080
9. Rohrbough, J., Broadie, K. - Nature Reviews Neuroscience 2005, 6, 139-150.
10. Lipowsky, R., Brinkmann, M., Dimova, R., Haluska, C., Kierfeld, J., Shillcock, J. – J. Phys. Condensed Matter 2005, 17, S2885-S2902.
11. Orlichenko L.S., McNiven M.A. – Adv. Mol. Cell Biol. 2005, 36, 57-77.
12. Noireaux, V., Bar-Ziv, R., Godefroy, J., Salman, H., Libchaber, A. - Physical Biology 2005, 2, P1-P8
13. Divet, F. , Danker, G. , Misbah, C. – Phys. Rev. E 2005, 72, 1-14
14. LI Li, LIN Mei-Yu, QIU Feng, YANG Yu-Liang - Acta Chimica Sinica 2005, 63, (14), 1375-1378.
15. 李莉, et al. 巨型囊泡的侧向相分离与出芽. *化学学报*, 2005, 63.14: 1375-1378
16. Fonteh, A.N., Harrington, R.J., Huhmer, A.F., Biringer, R.G., Riggins, J.N., Harrington, M.G. - Disease Markers, 2006, 22, 39-64.

17. Huang F.-D., E. Woodruff, R. Mohrmann, K. Broadie – *J. Neurosci.* 2006, 26: 2369-2379.
18. Sens, P., Turner, M.S. – *Phys. Rev. E - Statistical, Nonlinear, and Soft Matter Physics* 2006, 73, 1-4.
19. Allain J.M., Ben Amar M. – *Bulletin de la S.F.P.* 2005, 151, Octobre, 15-18.
20. Li L, Lin MY, Qiu F, Yang YL - *Acta Chim. Sinica* 2005, 63, 1375-1378.
21. Nicolini C., A. Celli, E. Gratton R. Winter - *Biophys. J.* 2006 129, 53-62.
22. Wang J.W., L.Sun, J.-S. Hu, Y.B. Li, G.J. Zhang – *Chem. Phys. Lipids* 2006, 144 117–126.
23. Moreau P., F. Brandizzi, S. Hanton, L. Chatre, S. Melsner, C. Hawes, B. Satiat-Jeunemaitre - *J. Exp. Botany* 2007, 58, 49-64.
24. Allain, J.-M., Ben Amar, M. – *Eur. Phys. J., E*, 2006, 20, 409-420.
25. Sens P., Turner MS – *Phys. Rev. E*, 2006, 73, 1-4.
26. Baumgart T, A.T. Hammond, P. Sengupta, S.T. Hess, D.A. Holowka, B.A. Baird, W. W. Webb - *PNAS*, 2007, 104, 3165–3170.
27. Biscari, P., Napoli, G. - *Biomechanics and Modeling in Mechanobiology* 2007, 6, 297-301.
28. Hamada T , Miura Y , Ishii KI , Araki S , Yoshikawa K , Vestergaard M , Takagi M – *J. Phys. Chem.* 2007, B 111 ,10853-10857.
29. García-Sáez, A. J., S. Chiantia, P. Schwille - *J. Biol. Chem.*, 2007, 282, 33537-33544.
30. Reikik, W., Béréziat, D., Dubuisson, S. - *Lecture Notes in Computer Science* 2007, 4673, 482-489.
31. 專題組員:李芸軒、楊庭、廖修範 - The study of phospholipase A2 interact with lipid membrances at different surface pressure, PRJ2007-BIOINFO-9309, 執行期間: 96 年02 月至 97 年01 月
32. Schon P., A.J. García-Sáez, P. Malovrh, K. Bacia, G. Anderluh, P. Schwille - *Biophys. J.* 2008; 95: 691 - 698.
33. Valiakhmetov AY - *BIOLOGICHESKIE MEMBRANY* 2008, 25, 83-96.
34. Gubern A., J. Casas, M. Barceló-Torns, D. Barneda, X. de la Rosa, R. Masgrau, F. Picatoste, J. Balsinde, M. A. Balboa, E. Claro - *J. Biol. Chem.*, 2008, 283, 27369-27382.
35. Sens P, Johannes L, Bassereau P - *Curr. Opin. Cell Biol.* 2008, 20, 476-482.
36. A. Ya. Valiakhmetov – *Biochemistry (Moscow) Supplement Series A: Membrane and Cell Biology*, 2008, Vol. 2, No. 2, pp. 83–95.
37. Manley, S., Gordon, V.D. - *Current Protocols in Cell Biology* 2008, SUPPL. 40, 24.3.1-24.3.13
38. Arroyo M, DeSimone A- *Pys. Rev. E* 2009, 79, Article Number: 031915
39. Wesolowska O, Michalak K, Maniewska J, Hendrich AB. - *Acta Biochim. Pol.* 2009, 33-39.
40. Nakano T., I. Inoue, D. H. Alpers, Y. Akiba, S. Katayama, R. Shinozaki, J. D. Kaunitz, S. Ohshima, M. Akita, S. Takahashi, I. Koyama, M.o Matsushita, T. Komoda - *Am J Physiol Gastrointest Liver Physiol* 2009, 297: G207-G214.
41. Teichert H, Periasamy N, Winter R, Vogel RF. - *High Pressure Res.* 2009, 29, 344-357.
42. McConnell R.E., J. N. Higginbotham, D. A. Shifrin, Jr., D. L. Tabb, R. J. Coffey , M. J. Tyska – *J. Cell Biol.*, 2009, 185, 1285-1298.
43. Nakano T., I. Inoue, R. Shinozaki, M. Matsui, Toshitaka Akatsuka ,S. Takahashi, K. Tanaka, M. Akita, M. Seo, S. Hokari, S. Katayama, T. Komoda - *Biochimica et Biophysica Acta* 2009, 1788, 2222–2228.

44. San Pietro E, Capestrano M, Polishchuk EV, DiPentima A, Trucco A, Zizza P, Mariggio S, Pulvirenti T, Sallese M, Tete S, Mironov AA, Leslie CC, Corda D, Luini A, Polishchuk RS - PLOS BIOLOGY 2009, 7, Issue: 9 Article Number: e1000194 Published: SEP 2009
45. Stöckl M.T., A. Herrmann – BBA-Biomembranes 2010, 1798, 1444–1456
46. Wang, Z., Yasuhara, K., Ito, H., Mukai, M., Kikuchi, J.-I. – Chem. Letters 2010, 39, 54-55
47. Walde, P., Cosentino, K., Engel, H., Stano, P. - ChemBioChem 2010, 11, 848-865.
48. Lafleur M, L. Courtemanche, G. Karlsson, K. Edwards, J-L. Schwartz, P. Manjunath - BBRC 2010, 399, 406-411.
49. Yi-Ling Chiou, Shinne-Ren Lin, Long-Sen Chang - Toxicol 2010, 56, 1362-1371.
50. Manley S., V. D. Gordon – Current Protocols in Cell Biology, User Ratings 2010, Oct. 4-6
51. Rezik, W., D. Bereziat, S. Dubuisson - Research report LIP6, September 2010, UPMC, France
52. Khali M.B., W. Hou, H. Zhou, F. Elisma, L. A. Swayne, A. P. Blanchard, Z. Yao, S. A.L. Bennett, D. Figeys – Mass Spectrometry Rev. 2010, 29, 877.
53. Chiou YL, Lin SR, Chang LS – Toxicol 2010, 56, 1362-1371.
54. Lee J. C.-M., A. Simonyi, A.Y. Sun, G.Y. Sun – J. Neurochem. 2011, 116, 813-819.
55. LaPlante J.M., J.L. Falardeau, E.M. Brown, S. A.Slaughaupt, P.M. Vassilev – Exp. Cell Res. 2011, 317, 691-705.
56. Trejo, M., Ben Amar, M. - European Physical Journal E 2011, 34, Issue 1, January 2011, 34, 1-14
57. Kim HJ, SH Ok, SC Bahn, J Jang, SA Oh, SK Park, D Twell, SB Ryu, JS Shin - Plant Cell 2011, 23: 94-110.
58. Heikal A.A. - Adv. Planar Lipid Bilayers and Liposomes, Chapter five, 2011, 13, 169-197.
59. Riquelme G., C. Vallejos, N. de Gregorio, B. Morales, V. Godoy, M. Berrios, N. Bastias, C. Rodriguez - J Membrane Biol. 2011, 241, 127-140.
60. Andes-Koback, M., Keating, C.D. – J.Amer. Chem. Soc. 133, 9545-9555.
61. Schmid, S.L., Frolov, V.A. – Ann. Rev. Cell Develop. Biol. 2011, 27, 79-105.
62. Frolov, VA, Shnyrova, AV, Zimmerberg, J - COLD SPRING HARBOR PERSPECTIVES IN BIOLOGY 2011, 3, Issue: 11 Article Number: a004747 DOI: 10.1101/cshperspect.a004747 Published: NOV 2011
63. Terasawa H, K. Nishimura, H. Suzukia, T. Matsuura, T. Yomo - PNAS 2012; 109: 5942 - 5947.
64. Ha K.D., B.A. Clarke, W.J. Brown - BBA – Mol. Cell Biol. Lipids 1821, 1078-1088.
65. Cai B, S. Caplan, N. Naslavsky – Mol. Biol. Cell 2012, 23, 1874-1888.
66. Liang, R., Liu, Y., Fu, L.-M., Ai, X.-C., Zhang, J.-P., Skibsted, L.H. – J. Agricult. Food Chem. 2012, 60, 10331-10336.
67. Funkhouser, C.M., M. Mayer, F. J. Solis, K. Thornton – J. Chem. Phys., 2013, 138, 024909, DOI: 10.1063/1.4773856
68. Boreyko, JB, Mruetusatorn, P, Sarles, SA, Retterer, ST, Collier, CP - J. Amer. Chem. Soc., 2013, 135, 5545-5548.
69. Roux, A - Soft Matter 2013, 9, 6726-6736.
70. Mercker, M; Marciniak-Czochra, A; Richter, T; Hartmann, D. - Siam J. Appl. Matem., 2013, 73, 1768-1792.
71. Hartmann D., Mercker M., Richter T., Marciniak-Czochra, A - SIAM J. Appl. Math., 2013, 73, 1768-1792.
72. Corchete P., J. Fernandez-Tarrago - Biol. Plantarum- 2014, 58, 147-152.

73. Mruetusatorn, P., J.B. Boreyko, G.A. Venkatesan, S. A. Sarles, D.G. Hayes, C.P. Collier - *Soft Matter* 2014, 10, 2530-2538.
74. Pomorski T.G., T. Nylander, M. Cárdenas - *Adv. Colloid Interf. Sci.*, 2014, 205, 207-220
75. Blain, J.C., Szostak, J.W.- *Ann. Rev. Biochem.* 2014, 83, 615-640.
76. Caspi Y, C Dekker - *Systems and Synthetic Biology*, 2014, 8, 249-269.
77. Petoukhov MV, Winfried Weissenhorn, Dmitri I. Svergun - *Front. Mol. Biosci.*, 28 October 2014 | doi: 10.3389/fmolb.2014.00020
78. Frolov VA, A Escalada, SA Akimov, AV Shnyrova - *Chemistry and Physics of Lipids*, 2015, 185, 129-140.
79. Chiaruttini N., L. Redondo-Morata, A. Colom, F. Humbert, M. Lenz, S. Scheuring, A. Roux - *Manuscript, University of Geneva, Department of Biochemistry, 30 quai Ernest Ansermet, CH-1211 Geneva 4, Switzerland, 2015.*
80. Ikeda A., N. Iwata, S. Hino, T. Mae, Y. Tsuchiya, K. Sugikawa, T. Hirao, T. Haino, K. Ohara, K. Yamaguchi - *RSC Advances* 2015, 5, 77746-77754.
81. Ikeda, A., Hino, S., Mae, T., Tsuchiya, Y., Sugikawa, K., Tsukamoto, M., Yasuhara, K., Shigeto, H., Funabashi, H., Kuroda, A., Akiyama, M. - *RSC Advances* 2015, 5, 105279-105287.
82. Zhang Y., X. Wang, S. Ma, K. Jiang, X. Han - *RSC Adv.*, 2016, 6, 11325-11328.
83. Elhenawy W., M. Bording-Jorgensen, E. Valguarnera, M.F. Haurat, E. Wine, M.F. Feldman - *MBio*, 2016, 7, Issue 4, Article number e00940-16.
84. Volkov V., C. C. Perry - *Microscopy and Microanalysis*, 2016, 22, 1128-1145.
85. Liu K., G. R. Marple, S. Li, S. Veerapaneni, J. Lowengrub - *SOFT MATTER* 2017, 13, 3521-3531

In Books

1. Michael Scott Long - in: "Dynamic and Asymmetric Protein Microcompartmentation in Aqueous Two-phase Vesicles"; The Pennsylvania State University ProQuest, 2005. ISBN 0549356584, 9780549356585
2. J.M. Allain et M. Ben Amar - in: "Vesicules multi-domaines : changement de topologie induit par l'absorption de proteines", Rencontre du non-lineaire 2005; Laboratoire de Physique Statistique, Ecole Normale Supérieure, 24 rue Lhomond, 75231 Paris Cedex 05, allain@lps.ens.fr
3. Allain J.M., M. Ben Amar - in: "Budding and Fission of a Multiphase Vesicle", Laboratoire de Physique Statistique, Ecole Normale Supérieure, Paris, France, 2006.
4. Martine Ben Amar - in: "INHOMOGENEOUS LIPID MEMBRANE: ELASTICITY AND FLUIDITY", Laboratoire de Physique Statistique, Université Pierre & Marie Curie, Ecole Normale Supérieure, 2007
5. Ben Amar M., A. Goriely, M.M. Muller, L.F. Cugliandolo - in: « New Trends in the Physics and Mechanics of Biological Systems »; Budding and fission of model membrane systems.
6. Long, Michael Scott. Dynamic and Asymmetric Protein Microcompartmentation in Aqueous Two-phase Vesicles. ProQuest, 2005.
7. Chen, IA; Hanczyc, MM ; Sazani, PL ; Szostak, JW ; Edited by: Gesteland, RF; Cech, TR; Atkins, JF - Book Series: Cold Spring Harbor Monograph Series Volume: 43, Pages: 57-88, Published: 2006

8. Javier Casas - in: "Regulation of Group IVA Phospholipase A2", Universidad de Valladolid, (Project), 2017.

In Theses

1. Jean-Marc Allain – in: Instabilités des membranes lipidiques inhomogènes. Implications biologiques. Thèse de doctorat de l’université Paris VII : Soutenue le 12 juillet 2005 :
 2. Coste V. – in: Formation de domaines de type « rafts » dans des vésicules unilamellaires et mécanismes physico-chimiques de l’extraction de domaines membranaires, These, Paris 2006.
 3. BASSEREAU, Patricia. *Instabilités des membranes lipidiques inhomogenes. Implications biologiques*. 2006. PhD Thesis. Ecole normale superieure.
 4. Fanrong Kong – “Effects of SOPC on the Phase Behaviors of the DSPC/DOPC/Cholesterol Biomembrane Model System” - Laboratory of Prof. Gerald Feigenson Department of Molecular Biology and Genetics Cornell University, Ithaca, New York 14853 USA - Honor Thesis (Biochemistry) – May 11, 2007
 5. Pauline Ruffiot - "Développement de systèmes membranaires modèles pour la vacuole parasitophore de *Toxoplasma gondii* : Interactions des protéines de granules denses (protéines GRA) avec des vésicules unilamellaires"; Université Joseph-Fourier - Grenoble I (11/07/2007),
 6. Kou-Hwei Liao - "Fluorescence microscopy study of binary phospholipid membranes and the effect of sterol", Master's Thesis 2008-01-08 [PDF](#)] or ncu.edu.tw
 7. 医学期刊 "Effect of Line Tension on the Lateral Organization of Lipid Membranes",2008, [HTML](#)] or 9med.net
 8. Stöckl M.T. – “Giant vesicles – An ideal tool to study lateral phospholipid distribution and domain dependent protein membrane interactions”, *D i s s e r t a t i o n* zur Erlangung des akademischen Grades *d o c t o r r e r u m n a t u r a l i u m* (Dr. rer. nat.) im Fach Biophysik; Mathematisch-Naturwissenschaftlichen Fakultät I der Humboldt-Universität zu Berlin, 2008.
 9. Holger Teichert - Behaviour of membrane transport proteins under high hydrostatic pressure; TECHNISCHE UNIVERSITÄT MÜNCHEN Lehrstuhl für Technische Mikrobiologie; 2008.
 10. Olga Kieselmann - Einfluss von Lysophosphatidsäure auf synaptische Transmission und Expressionsanalysen von Plasticity related gene 1 und LPA-Rezeptoren während der Gehirnentwicklung, *D i s s e r t a t i o n* zur Erlangung des akademischen Grades des Doktors der Naturwissenschaften (Dr. rer. nat.); Freien Universität Berlin; Berlin März 2010
 11. Moritz Mercker - "Models, Numerics and Simulations of Deforming Biological Surfaces" ; The Faculty of Mathematics and Computer Science > Department of Applied Mathematics, Heidelberg; URL: <http://www.ub.uni-heidelberg.de/archiv/13635>; 2012
 12. Code Christian - PLA2 interfacial activation on lipid interfaces promoting fibril formation" Aalto University, Espoo, Finland; Doctoral Dissertation 164/2013.
- 74. Tessier C. Quinn P.J., Koumanov K., Trugnan G., Rainteau D., Wolf C.**
Modulation of the phase heterogeneity of aminoglycerophospholipid mixtures by sphingomyelin and monovalent cations: maintenance of the lamellar arrangement in the biological membranes.
Eur. Biophys. J. 2004,33, 513-521.

1. Gill, M.L., Strobel, S.A., Loria, J.P. – J. Am. Chem. Soc. 2005, 127, 16723-16732.
2. Chemin, C., Bourgaux, C., Péan, J.-M., Pabst, G., Wuthrich, P., Couvreur, P., Ollivon, M. – Chem. Phys. Lipids 2008, 153, 119-129.
3. Haddadi H., N Alizadeh, M Shamsipur, Z Asfari, V Lippolis C Bazzicalupi - Inorg. Chem., 2010, 49, 6874-82.
4. Petelska A.D., M. Naumowicz , Z. A. Figaszewski – Langmuir 2012, 28, 13331-13335.
5. Naumowicz M., Z. A. Figaszewski - J Membrane Biol, 2014, 247, 361-369.
6. Fonovich TM, C.S. Perez-Coll, O. Fridman, J.L.D'Eramo, J. Herkovits - Comp. Biochem. Physiol. Part C: Toxicol. & Pharmacol. 2016, 189, 10-16.

In Books

1. Herkovits J., C. S. Pérez Coll, C. Aronzon, J.L. D'Eramo – in: Acclimation -Hormesis to noxious agents, Fundacion PROSAMA, National University of General San Martín, 2016.

75. Koumanov K.S., Wolf C., Quinn P.J.

Lipid composition of membrane domains.

Subcell Biochem. 2004, 37, 153-63.

1. Arbustini E. - J. Am. Coll. Cardiol., May 2007; 10.1016/j.jacc.2007.03.014.
2. Borot F., D.-L. Vieu, G. Faure, J. Fritsch, J.Colas, S. Moriceau, M.Baudouin-Legros, F.Brouillard, J. Ayala-Sanmartin, L.Touqui, M.Chanson, A.Edelman, M.Ollero - PLoS One. 2009; 4(10): e7116.
3. Khalil M.B., W. Hou, H. Zhou, F. Elisma, L. A. Swayne, A. P. Blanchard, Z. Yao, S. A.L. Bennett, D. Figeys – Mass Spectrometry Rev. 2010, 29, 877.
4. Nicolson, G.L. - Biochimica et Biophysica Acta - Biomembranes 2014, 1838, 1451-1466.
5. Yao J., Cherian PT., Franc MW., Rock CO. - J. Biol. Chem. 2015, 290, 18874-18888.

In Books

1. Roger L. Lundblad – in: “Biochemistry and Molecular Biology Compendium”, 2007, 249-326 CRC Press.
2. Robert J. Arceci, Ian M. Hann, Owen P. Smith – in: “Pediatric Hematology”, Ed. Patrick G. Gallagher, Chapter 12. Red Cell Membrane Abnormalities, 2007, DOI: 10.1002/9780470987001.ch12

In Theses

1. Ходоровський Володимир Михайлович – ” ЗМІНИ ТИРЕОЇДНОГО ГОМЕОСТАЗУ У ХВОРИХ НА ЗАЛІЗОДЕФІЦИТНУ АНЕМІЮ ТА ПАТОГЕНЕТИЧНЕ ОБҐРУНТУВАННЯ ДИФЕРЕНЦІЙОВАНОГО ЛІКУВАННЯ”, Дисертації на здобуття наукового ступеня кандидата медичних наук, НАЦІОНАЛЬНА МЕДИЧНА АКАДЕМІЯ ПІСЛЯДИПЛОМНОЇ ОСВІТИ ІМ. П.Л. ШУПІКА, **Київ – 2007.**
2. Catharina Crone - Aufbau einer quantitativen massenspektrometrischen Analytik zur untersuchung der Lipidzusammensetzung zellulärer Membranen und ihre Anwendung auf Membranmikrodomänen”, Inauguraldissertation zur Erlangung der Doktorwürde der Universität zu Lübeck, Lübeck 2007.
3. Laurinavicius, Simonas – “Phospholipids of lipid-containing bacteriophages and their transbilayer distribution” - Doctoral dissertation, University of Helsinki, Faculty of Biosciences, Department of Biological and Environmental Sciences, Division of Biochemistry, 2008.

4.. Feven Tigistu-Sahle - "Lipidomics for Human Bone Marrow Mesenchymal Stem Cells",
Master's thesis, University of Helsinki, MBIOT Biotechnology, February 2012

76. Staneva G., Seigneuret M., Koumanov K., Trugnan G., Angelova M.I.
Detergents induce raft-like domains and fission from giant unilamellar heterogenous vesicles. A direct microscopy observation.

Chem. Phys. Lipids 2005,136, 55-66.

(Top downloaded paper in 2005; 2nd in Top 25 during I-III 2006, 24 in Top 25 during IV-VI and VII-IX, 2006); Faculty of 1000 evaluation – Factor 3.0 (Recommended) – 10.06.2005;

6th in Top 10 cited articles published in the last five years)

1. Hinrichs J.W.J., K. Klappe, M. van Riezen, J.W. Kok - *J. Lipid Res.*, 2005; 46: 2367 - 2376.
2. Erwin London - *Biochim. Biophys. Acta (BBA) – Mol. Cell Res.*, 2005, 1746, 203-220.
3. Engstler M. – Faculty of 1000 Biology, 10 Jun 2005 (*ranked with score 3 at Faculty 1000*)
<http://www.f1000biology.com/article/15927174/evaluationin>
4. Bohinc K, Lombardo D, Kralj-Iglic V, Fosnarić M, May S, Pernu F, Hagerstrand H, Iglic A – *Cell. Mol. Biol. Lett.* 2006, 11, 90-101.
5. Hagerstrand, H., Mrówczyńska, L., Salzer, U., Prohaska, R., Michelsen, K.A., Kralj-Iglic, V., Iglic, A. - *Molecular Membrane Biology* 2006, 23, 277-288.
6. Li L. and J.-X. Cheng - *Biochemistry* 2006, 45, 11819-11826.
7. Allain, J.-M., Ben Amar, M. - *European Physical Journal E*, 2006, 20, 409-420.
8. Gielen, E., Baron, W., Vandeven, M., Steels, P., Hoekstra, D., Ameloot, M. - *GLIA* 2006, 54, 499-512.
9. Kralj-Iglic V, Peter Veranič - *Adv. Planar Lipid Bilayers and Liposomes* 2006, 5, 2006, 129–149
10. Iglic, A., Babnik, B., Bohinc, K., Fosnarić, M., Hagerstrand H., Kralj-Iglic, V. – *J. Biomechanics* 2007, 40, 579-585.
11. Dwiecki K, Gornas P, Jackowiak H, Nogala-Kalucka M, Polewski K. – *J. Food Lipids* 2007, 14, 50-61.
12. Courtney Frasch S., K. Zemski-Berry, R. C. Murphy, N. Borregaard, P. M. Henson, D. L. Bratton – *J. Immunol.*, 2007, 178, 6540-6548.
13. Ni D, Shi HJ., Yin YJ., Niu LS. - *Journal of Biomechanics* 2007, 40, 1512-1517.
14. Wang, S., Huang, J., Song, Q., Fu, H. – *J. Colloid and Interface Sci.* 2007, 311, 296-302.
15. Frasch, S.C., Zemski-Berry, K., Murphy, R.C., Borregaard, N., Henson, P.M., Bratton, D.L. *J. Immunol.* 2007, 178, 6540-6548.
16. Williams, G.S., Collinson, L.M., Brzostek, J., Eissmann, P., Almeida, C.R., Mccann, F.E., Burshtyn, D., Davis, D.M. - *Traffic* 2007, 8, 1190-1204.
17. Hamada T, Miura Y, Ishii KI, Araki S, Yoshikawa K, Vestergaard M, Takagi M – *J. Phys. Chem.* 2007, B 111, 10853-10857.
18. Bakht O, P. Pathak, E. London – *Biophys. J.* 2007, 93:4307-4318.
19. Li L, Cheng JX – *J. Phys. Chem.* 2008, 112, 1576-1579.
20. Toyota T, Takakura K, Kageyama Y, Kurihara K, Maru N, Ohnuma K, Kaneko K, Sugawara T. – *Langmuir*, 24, 3037-3044.
21. Carvalho K., L. Ramos, C. Roy, C. Picart - *Biophys. J.* 2008, 95:4348-4360.
22. Chowdhury, H.H., Rebolj, K., Kreft, M., Zorec, R., Maček P., Sepčič K. - *Toxicon* 2008, 51, 1345-1356.

23. Pott T., H. Bouvrais, P. Méléard – *Chem. Phys. Lipids* 2008, 154, 115-119.
24. Heerklotz, H. - *Quarterly Reviews of Biophysics* 2008, 41, 205-264.
25. Dhungana S., B. A. Merrick, K. B. Tomer, M. B. Fessler - *Mol. Cell. Proteomics*, 2009, 8, 201-213.
26. Xi Chen, M. J. Lawrence, D. J. Barlow, R. J. Morris, R. K. Heenan, P. J. Quinn - *BBA - Biomembranes* 2009, 1788, 477-483.
27. Chen X, Jen A, Warley A, Lawrence MJ, Quinn PJ, Morris RJ. – *Biochem. J.* 2009, 417, 525-533.
28. Wesolowska O, Michalak K, Maniewska J, Hendrich AB. - *Acta Biochim. Pol.* 2009, 56, 33-39.
28. Nakano T., I. Inoue, D. H. Alpers, Y. Akiba, S. Katayama, R. Shinozaki, J. D. Kaunitz, S. Ohshima, M. Akita, S. Takahashi, I. Koyama, M. Matsushita, T. Komoda - *Am J Physiol Gastrointest Liver Physiol* 2009, 297: G207-G214.
29. Pieri L, Bucciantini M, Guasti P, Savistchenko J, Melki R, Stefani M. – *Biophys. J.* 2009, 96, 3319-3330.
30. Yang K, Shao X, Ma YQ – *Phys. Rev.E* 2009, 79 (5), Article Number: 051924, Part 1
31. Nakano T., I. Inoue, R. Shinozaki, M. Matsui, Toshitaka Akatsuka, S. Takahashi, K. Tanaka, M. Akita, M. Seo, S. Hokari, S. Katayama, T. Komoda - *Biochimica et Biophysica Acta* 2009, 1788, 2222–2228.
32. Brewster R, Pincus PA, Safran SA – *Biophys.J.* 2009, 97, 1087-1094.
33. Schara K, Jansa V, Sustar V, Dolinar D, Pavlic JI, Lokar M, Kralj-Iglic V, Veranic P, Iglic A – *Cell. Mol. Lett.* 2009, 14, 636-656.
34. Franke, T., Leirer, C.T., Wixforth, A., Dan, N., Schneider, M.F. - *ChemPhysChem* 2009, 10, 2852-2857.
35. Rostovtseva T.K., Hacène Boukari, □ A. Antignani, B. Shiu, S. Banerjee, A. Neutzner, R.J. Youle - *J. Biol. Chem.* 2009; 284:34390-34399
36. Yu, Y., Vroman, J.A., Bae, S.C., Granick, S. - *J Am. Chem. Soc.* 2010, 132, 195-201.
37. Jorgacevski J, Fosnaric M, Vardjan N, Stenovc , Potokar M, Kreft M, Kralj-Iglic V, Iglic A, Zorec R. – *Mol. Membr. Biol.* 2010, 27, 65-80.
38. Uda RM, Hiraishi E, Ohnishi R, Nakahara Y, Kimura K - *LANGMUIR* 2010, 26 5444-5450.
39. Walde, P., Cosentino, K., Engel, H., Stano, P. - *ChemBioChem* 2010, 11, 848-865.
40. Menager C., D. Guemghar, V. Cabuil, S. Lesieur – *Langmuir* 2010, 26, 15453-15463
41. Sudbrack, T.P. N.L. Archilha, R. Itri, K.A. Riske - *J. Phys. Chem. B* 2011, **115**, 269-277
42. Fine M., M.C. Llaguno, V. Lariccia, M-J. Lin, A. Yaranakul, D.W. Hilgemann - *J. Gen. Physiol.*, 2011, 137, 137-154 .
43. Trejo, M., Ben Amar, M. - *European Physical Journal E* 2011, 34, Issue 1, January 2011, 34, 1-14
44. Wang H., Y-T. Liu, H.-J. Qian, Z.-Y. Lu - *Polymer* 2011, 52, 2094-2101.
45. Šachl R., I. Mikhalyov, N. Gretskaya, A. Olżyńska, M. Hof, L.B.-Å. Johansson - *Phys. Chem. Chem. Phys.*, 2011, 13, 11694-11701.
46. Andes-Koback M., C. D. Keating - *J. Am. Chem. Soc.*, 133, 9545-9555.
47. Fedoryszak-Kuska N, Panasiewicz M, Pacuska T - *POSTEPY BIOLOGII KOMORKI* 2011, 38, 313-332.
48. Tomita, T. , Sugawara, T. , Wakamoto, Y. - *Langmuir* 2011, 27, 10106-10112.
49. Pathak, P., London, E - *Biophys. J.*, 2011, 101, 2417-2425.

50. Esquembre, R. , Pinto, S.N. , Poveda, J.A. , Prieto, M. , Mateo, C.R. - *Soft Matter* 2012, 8, 408-417.
51. Hamada T., H. Hagihara, M. Morita, M. C. Vestergaard, Y. Tsujino, M. Takagi – *J. Phys. Chem. Lett.* 2012, 3, 430-435.
52. Diguet A., M. Yanagisawa, Y.-J. Liu, E., Brun, S. Abadie, S. Rudiuk, D. Baigl - *J. Am. Chem. Soc.*, 2012, 134, 4898–4904
53. Sriram I., D.K. Schwartz - *Surface Science Reports* 2012, 67, 143-159.
54. Cacas J.L., F. Furt, M. Le Guédard, J.-M. Schmitter, C. Buré, P. Gerbeau-Pissot, P. Moreau, J.-J. Bessoule, F. Simon-Plas, S. Mongrand – *Progr. Lipid Res.* 2012, 51, 272-299.
55. Oglecka K., J. Sanborn, AN.Parikh RS.Kraut – *Front. Physiol.* 2012, 3, 120-
56. Bouvrais, H. – *Adv. Planar Lipid Bilayers and Liposomes* 2012, 15, 1-75
57. Mrówczyńska, L. - *Advances in Planar Lipid Bilayers and Liposomes* 2012, 16, 165-197.
58. Ayling L.J., S.J. Briddon, M.L. Halls - *J. Cell Sci* 2012, 125, 869-886.
59. Noguchi H. -- *Journal of Chemical Physics*, 2013, 138, Issue 2, pp. 024907-024907-9
60. Hao F., K. Tahara, J.-i. Kikuchi - *Chem. Letters* 2014, 43, 811-813.
61. Lorent J., L. Lins, Ò. Domenech, J. Quetin-Leclercq, R. Brasseur, M-P. Mingeot-Leclercq – *Langmuir* 2014, 30, 4556-4569.
62. Caspi Y., C. Dekker - *Syst Synth Biol* 2014, 8, 249-269.
63. Frolov VA, A Escalada, SA Akimov, AV Shnyrova - *Chemistry and Physics of Lipids*, 2015, 185, 129-140.
64. Galimzyanov, T. R. , R. J. Molotkovsky, M. E. Bozdaganyan, F.S. Cohen, P. Pohl, S. A. Akimov - *PHYSICAL REVIEW LETTERS* 2015, 115, 088101
65. Zhen Wang Z., K. L. Schey - *Investigative Ophthalmology & Visual Science* 2015, 56, 8349-8360.
66. Engberg O, Hautala V, Yasuda T, Dehio H, Murata M, Slotte JP, Nyholm TK. - *Biophys J.* 2016, 111, 546-556.
67. Studer P., T. Staubli, N. Wieser, P. Wolf, M. Schuppler, M. J. Loessner - *Nature Communications* 2016, 7, Article number: 13631.
68. Otzen D. - *BBA-Biomembranes* 2017, 1859, 639-649

In Books

1. Michael Scott Long - in:"Dynamic and Asymmetric Protein Microcompartmentation in Aqueous Two-phase Vesicles"; The Pennsylvania State University ProQuest, 2005. ISBN 0549356584, 9780549356585
2. Allain J.M., M. Ben Amar – in : *Budding and Fission of a Multiphase Vesicle*, Laboratoire de Physique Statistique, Ecole Normale Supérieure, Paris, France, 2006.
3. Kralj-Iglic V., Veranic P. – in: “Adv. in Planar lipid bilayers and Liposomes” – Curvature-induced sorting of bilayer membrane constituents and formation of membrane rafts, Ed. A. Leitmannova Liu (Academic Press - Nov 30, 2006), vol.5, 129-150, 2006.

4. Rekić W., D. Bereziat, Dubuisson S. – in: «*Computer Analysis of Images and Patterns*»: 12th International Conference, CAIP 2007, Vienna, Austria, August 27-29, 2007, Proceedings (Lecture Notes in ... Vision, Pattern Recognition, and Graphics) (Paperback); pp 482-489; W.G.Kropatsch, M. Kampel, A. Hunbury (Eds), Springer, 2007
5. Ben Amar M., A. Goriely, M.M. Muller, L.F. Cugliandolo – in : « New Trends in the Physics and Mechanics of Biological Systems »; Budding and fission of model membrane systems. Oxford University Press 2011.
6. Fedoryszak-Kuska N., Panasiewicz M, Pakuszka T. - in: "TRATWY LIPIDOWE–OBSERWACJE I WĄTPLIWOŚCI", Lipid rafts - remarks and doubts, Postepy Biologii Komorki, Tom 38, Nr 2, 313-332, 2011
7. Lucyna Mrowczynska – in: Advances in Planar Lipid Bilayers and Liposomes, Chapter: Vol. XVI, Chapter 6., Lipid microdomains - structure, function, and controversies” Publisher: Burlington: Academic Press, Elsevier Inc., Editors: Aleš Iglič, pp.165-197, 2013.
8. Rumiana Dimova - in: "Bioelectrochemistry: Fundamentals, Applications and Recent Developments, 7. Membrane Electroporation in High Electric Field", John Wiley & Sons, 25.09.2013.
9. В. Кочев, А. Попатанасов - "Латерална организация на липидните мембрани", изд. Парадигма, София, 2015.
10. Jun-ichi Kikuchi, Kazuma Yasuhara, Keishiro Tahara - in: "Chemical Science of π -Electron Systems", Chapter: "Integrated π -Electron Systems on Artificial Cell Membranes", pp 457-474, Eds Takeshi Akasaka et al., Publisher Springer Japan, 2015.
11. Iglič, A., Kralj-Iglič, V., Drobne, D. - in: "Nanostructures in Biological Systems: Theory and Applications", Pages 1-518, **Publisher:** Pan Stanford Publishing Pte. Ltd., 1 January 2015, **ISBN:** 978-981430343-9;978-981426720-5

In Theses

1. Jean-Marc Allain – in: Instabilités des membranes lipidiques inhomogènes. Implications biologiques. Thèse de doctorat de l’université Paris VII : Soutenue le 12 juillet 2005 :
2. Coste V. – in: « Formation de domaines de type « rafts » dans des vésicules unilamellaires et mécanismes physico-chimiques de l’extraction de domaines membranaires », These, Paris 2006.
3. VI, PARIS. *Formation de domaines de type « rafts » dans des vésicules unilamellaires et mécanismes physico-chimiques de l’extraction de domaines membranaires*. 2006. PhD Thesis. Université Pierre et Marie Curie-Paris.
4. Tessier C. – „ Séparation de phase dans des membranes phospholipidiques modèles”, Thèse, Paris 2006.
5. CHRISTIAN T. LEIRER - "Dynamik und Struktur in der Phasenkoexistenz von Lipidmembranen", Dissertation zur Erlangung des Doktorgrades der mathematisch naturwissenschaftlichen Fakultät der Universität Augsburg, November 2008
6. 医学期刊 "Effect of Line Tension on the Lateral Organization of Lipid Membranes", 2008, HTML] от 9med.net
7. Archilha, Nathaly Lopes - "Interação entre um peptídeo antimicrobiano e vesículas de fosfolípidos", Instituto de Física, São Paulo, 2009.
8. Fine, Michael Jon - "How to Mend a Broken Heart: Massive Endocytosis and the Role of Lipidic Forces in Membrane Trafficking", Graduate School of Biomedical Sciences Texas Southwestern Medical Center; 2012.

9. Anne-Florence Bitbol - "Statistique et dynamique des membranes complexes", Université Paris-Diderot - Paris VII (21/06/2012), 2012.
10. Priyadarshini Pathak - "Study of Lipid Raft Formation in Model Membranes and Cells", Stony Brook University, December 2012

77. Koumanov K.S., Tessier C., Momchilova A.B., Rainteau D., C. Wolf, Quinn P.J.
Comparative lipid analysis and structure of detergent-resistant membrane raft fractions isolated from human and ruminant erythrocytes.
Arch. Biochem. Biophys. 2005, 434, 150-158.
 (5th in Top 25 during I-III 2005)

1. Locke, D., J. Liu, A.L. Harris - *Biochemistry* 2005, 44, 13027-13042.
2. Ciana, A., Balduini, C., Minetti, G. – *J. Biosciences*, 2005, 30, 317-328.
3. Frankel D.J., J. R. Pfeiffer, Z. Surviladze, A. E. Johnson, J. M Oliver, B. S. Wilson, A. R. Burns - *Biophys.J.* 2006, 90, 2404-2413 .
4. Vojtova J., Kofronova O., Sebo P., Benada O. - *Microscopy Res. Tech.* 2006, 69, 119-129.
5. Grzybek, M., Chorzalska, A., Bok, E., Hryniewicz-Jankowska, A., Czogalla, A., Diakowski, W., Sikorski, A.F. - *Chemistry and Physics of Lipids* 2006, 141, 133-141.
6. Rodi PM, Cabeza MS, Gennaro AM – *Biophys. Chem.* 2006, 122, 114-122.
7. Morris, R.J., Parkyn, C.J., Jen, A. - *FEBS Letters* 2006, 580, 5565-5571.
8. Lindén, M.V., Holopainen, J.M., Laukkanen, A., Riekkola, M.-L., Wiedmer, S.K. - *Electrophoresis* 2006, 27, 3988-3998.
9. Queloz, P.-A., Thadikkar, L., Crettaz, D., Rossier, J.S., Barelli, S., Tissot, J.-D. - *Proteomics* – 2006, 6, 5605-5614.
10. D.J. Frankel, J.R. Pfeiffer, Z. Surviladze, A.E. Johnson, J.M. Oliver, B.S. Wilson, A.R. Burns - *Biophys. J.* 2006, 90, 2404–2413.
11. Chakrabarti, A., Kelkar, D.A., Chattopadhyay, A. - *Bioscience Reports* 2006, 26, 369-386.
12. Oda M., T. Matsuno, R. Shiihara, S. Ochi, R. Yamauchi, H. Imagawa, M. Nagahama, M. Nishizawa, J. Sakurai - *J. Lipid Res* 2008., 49, 1039-1047.
13. Murphy R.C., K.M. Johnson - *J. Biol. Chem.*, 2008, 283, 15521-15525
14. Liu, S.-B., He, Y.-Y., Zhang, Y., Lee, W.-H., Qian, J.-Q., Lai, R., Jin, Y. - *PLoS ONE* 2008, 3, Article number e1770.
15. Salzer, U., Hunger, U., Prohaska, R. - *Advances in Planar Lipid Bilayers and Liposomes* 2008, 6, 49-80.
16. Grzybek, M., Kubiak, J., Łach, A., Przybyło, M., Sikorski, A.F. - *PLoS ONE* 2009, 4, Article number e5053
17. Epler C.R., N.E. Dickenson, A.J. Olive, W.L. Picking, W.D. Picking - *Infect. Immun.*, 2009; 77: 2754 – 2761.
18. Herlax V., S. Maté, O. Rimoldi, L. Bakás - *J. Biol. Chem.*, 2009, 284, Issue 37, 25199-25210.
19. Romero EA, Valdivieso E, Cohen BE – *J. Mem. Biol.* 2009, 230, 69-81.
20. Domingues C.C. • A. Ciana • A. Buttafava •B. Renata Casadei • C. Balduini •E. de Paula • G. Minetti - *J Membrane Biol* (2010) 234:195–205.
21. Morris RJ - *FEBS LETTERS* 2010, 584, 1665-1669.
22. Tsuchiya H, Ueno T, Mizogami M, Takakura K. – *J. Anesthesia* 2010, 24, 639-642.
23. Belosludtsev K.N., A. S. Trudovishnikov, N. V. Belosludtseva, A. V. Agafonov, G. D. Mironova - *J Membrane Biol* 2010, 237, 13-19.

24. Howell S.C., R. Mittal, L. Huang, B. Travis, R. M. Breyer, C. R. Sanders – *Biochemistry* 2010, 49, 9572-9583.
25. Khali M.B., W. Hou, H. Zhou, F. Elisma, L. A. Swayne, A. P. Blanchard, Z. Yao, S. A.L. Bennett, D. Figeys – *Mass Spectrometry Rev.* 2010, 29, 877-929.
26. Basile F., T. Sibray, J.T. Belisle, R.A. Bowen - *Analytical Biochemistry* 2011, 408, 289-296.
27. Ciana A., Achilli C., Balduini C., Minetti G. – *BBA – Biomembranes* 2011, 1808, 183-190.
28. Morris R.J., A. Jen, A. Warley – *J. Neurochem.* 2011, 116, 671-677.
29. Mrówczyńska L., U. Salzerb, A. Iglič, H. Hägerstrandd - *Cell Biol. Int.* 2011, 35, 991-995.
30. Carmona-Salazar L., M. El Hafidi, C. Enríquez-Arredondo, C. Vázquez-Vázquez, L.E. González de la Vara, M. Gavilanes-Ruíz, *Analytical Biochemistry* 2011, 417, 220-227.
31. Nasir M.N., F. Besson – *Langmuir* 2011, 27, 10785-92.
32. Nordin D., Orr Yarkoni, Natalia Savinykh, Lynn Donlon and Daniel Frankel – *Soft Matter* 2011, 7, 10666-10675
33. Rocío Esquembre, Sandra N. Pinto, José Antonio Poveda, Manuel Prieto and C. Reyes Mateo *Soft Matter*, 2011, Advance Article, DOI: 10.1039/C1SM06264F
34. Fajardo V.A., L. McMeekin, P.J. LeBlanc – *J. Membrane Biol.* 2011, 244, 97-103.
35. Holmes, O., Paturi, S., Ye, W., Wolfe, M.S., Selkoe, D.J. - *Biochemistry* 2012, 51, 3565-3575.
36. Filipp D., O. Ballek, J. Manning - *Front Immunol.* 2012; 3: 155, 1-14.
37. Mrówczyńska, L. - *Advances in Planar Lipid Bilayers and Liposomes* 2012, 16, 165-197.
38. Val Andrew Fajardo, Lauren McMeekin, Admir Basic, Graham D. Lamb, Robyn M. Murphy, Paul J. LeBlanc - *Lipids*, February 2013
39. M.O. W. Grimm, V. J. Hauptenthal, T. L. Rothhaar, V.C. Zimmer, S. Grösgen, B. Hundsdörfer, J. Lehmann, H. S. Grimm., T. Hartmann - *Int. J. Mol. Sci.* **2013**, 14, 5879-5898;
40. Nasir M.N., Besson F., Deleu M. - *Biotechnol. Agron. Soc. Environ.*, 2013, 17, 505-516.
41. Fajardo V.A., McMeekin L., Basic A., Lamb G.D., Murphy R.M., LeBlanc P.J., - *Lipids* 2013, 48, 421-430.
42. Vazquez R., Mate S., Bakas L. - *Biochem. J.*, 2013, 12, DOI: 10.1042/BJ20131432
43. Maté, S.M., R. F. Vazquez, V.S. Herlax, M.A. D. Millone, M. L. Fanani, B. Maggio, M.E. Vela, L.S. Bakás - *BBA - Biomembranes* 2014, <http://dx.doi.org/10.1016/j.bbamem.2014.02.022>
44. Ciana A., C. Achilli, G. Minetti - *Mol Membr Biol*, 2014; 31(2–3): 47–57.
45. Casadei B.R., C. C. Domingues, E. de Paula, K. A. Riske - *Biophys. J.*, 2014, 106, 2417–2425.
46. Casadei B.R., P. De Oliveira Carvalho, K. A. Riske, R. De Melo Barbosa, E. De Paola, C. C. Domingues – *Mol. Membr. Biol.* 2014, 31, 195-205
47. Sikorski, AF., Podkalicka, J., Jones, W., Biernatowska, A. - *Adv. Exp. Med. Biol.* 2015; 842:61-78.
48. Błaszczyk, K., J. Wilczak, J. Harasym, S. Gudej, D. Suchecka, T. Królikowski, E. Lange, J. Gromadzka-Ostrowska - *Food Hydrocolloids* 2015, 51, 272-280.
49. Velásquez, F.C., Maté, S., Bakás, L., Herlax, V. - *BBA - Biomembranes*, 2015, 1848, 2779-2788.
50. Tsanova A., A. Jordanova, Z. Lalchev - *J. Membr. Biol.* 2016, 249:229-38
51. García-Arribas A.B., A. Alonso, F. M. Goñi - *Chem. Phys. Lipids* 2016, 199:26-34.
52. García-Arribas AB, Ahyayauch H, Sot J, López-González PL, Alonso A, Goñi FM. - *Langmuir.* **2016**, 32, 9053-63.

53. García-Arribas AB, EJ González-Ramírez, J Sot, I Areso, A Alonso, FM Goñi - Langmuir, 2017, Just Accepted Manuscript 16 mai

In Books

1. Burns, A. R., Oliver, J., Pfeiffer, J., & Wilson, B. (2006). *Studies of Signaling Domains in Model and Biological Membranes Through Advanced Imaging Techniques: Final Report*. United States. Department of Energy, Prepared by Sandia National Laboratories Albuquerque, New Mexico 87185 and Livermore, California 94550
2. A. F. Sikorski, J. Podkalicka, W. Jones, A. Biernatowska – in: "Biochemical Roles of Eukaryotic Cell Surface Macromolecules", Chapter 5 - Membrane Rafts in the Erythrocyte Membrane: A Novel Role of MPP1p55; *Advances in Experimental Medicine and Biology* Volume 842, 2015, pp 61-78 Date: 03 Nov 2014
3. Mett J., Hartmann T., Grimm M.O.W. - in "The effects of glycerophospholipids and fatty acids on APP processing: Implications for alzheimer's disease" (2015) *Handbook of Lipids in Human Function: Fatty Acids*, pp. 377-421. Book Chapter, Publisher: Elsevier Inc., DOI: 10.1016/B978-1-63067-036-8.00013-5
4. Maté, S., Herlax, V., Vázquez, R., Bakás, L. - in: "Membrane Organization and Lipid Rafts in the Cell and Artificial Membranes", Book Chapter, Instituto de Investigaciones Bioquímicas de La Plata (INIBIOLP), CCT - La Plata, CONICET, Facultad de Ciencias Médicas, Universidad Nacional de La Plata, La Plata, Argentina, 2016.

In Theses

1. Lindén, Maria - Stabilization of Phospholipid Coatings in Capillary Electrophoresis University of Helsinki, Faculty of Science, Department of Chemistry, Laboratory of Analytical Chemistry 2008-10-24 [URN:ISBN:978-952-10-4841-8](https://nbn-resolving.org/urn:isbn:978-952-10-4841-8)
2. Chesea R Epler - ANALYSIS OF THE TIP COMPLEX OF THE TYPE III SECRETION APPARATUS OF *SHIGELLA FLEXNERI* - Submitted to the Faculty of the Graduate College of the Oklahoma State University in partial fulfillment of the requirements for the Degree of DOCTOR OF PHILOSOPHY May, 2012

Patents that cite:

1. Methods and compositions for treating disorders caused by a deficiency in a gene product of a CLN gene.
Boustany Rose-Mary N., Duke University
Appl. No: 12/617,318, 2009; Us Cl. 514/25; 514/44R

In Catalogues

1. Brenda - Entry of transaldolase (EC-Number 2.2.1.2); PubMedID 15629118

78. Quinn, P.J., Tessier, C., Rainteau, D., Koumanov, K.S., Wolf, C.
Structure and thermotropic phase behaviour of detergent-resistant membrane raft fractions isolated from human and ruminant erythrocytes
Biochimica et Biophysica Acta - Biomembranes 2005, 1713 , 5-14.

1. Mechler, A., Praporski, S., Piantavigna, S., Heaton, S.M., Hall, K.N., Aguilar, M.-I., Martin, L.L. - *Biomaterials* 2009, 30, 682-689.

2. Grzybek, M., Kubiak, J., Łach, A., Przybyło, M., Sikorski, A.F. - PLoS ONE 2009, 4 (3), Article number e5053
3. Pérez-Hernández, I.H., Avendaño-Flores, Y.S., Mejía-Zepeda, R. - Acta Diabetologica 2010, 47, Issue SUPPL. 1, S47-S55.
4. Sikorski, AF, Podkalicka J., Jones W., Biernatowska A. - Adv. Exp. Med. Biol. 2015, 842, 61-78.

In Books

1. Salzer U. et al. – in: “Adv. in Planar lipid bilayers and Liposomes” –Ed. A. Leitmannova Liu (Academic Press - Nov 30, 2006), vol.6, 50-80, 2007.
2. A. F. Sikorski, J. Podkalicka, W. Jones, A. Biernatowska – in: "Biochemical Roles of Eukaryotic Cell Surface Macromolecules", Chapter 5 - Membrane Rafts in the Erythrocyte Membrane: A Novel Role of MPP1p55; Advances in Experimental Medicine and Biology Volume 842, 2015, pp 61-78 Date: 03 Nov 2014

79. Staneva G, Chachaty C, Wolf C, Koumanov K, Quinn PJ

The role of sphingomyelin in regulating phase coexistence in complex lipid model membranes: competition between ceramide and cholesterol.

Biochim Biophys Acta- Biomembranes 2008, 1778:2727–2739.

1. Pabst G., B. Boulgaropoulos, E. Gander, B. R. Sarangi, H. Amenitsch, V. A. Raghunathan, P. Laggner – J. Membr. Biol. 2009, 231, 125-132.
2. Jenkins R W., D.I Canals, Y. A. Hannun' Cellular Signalling 2009, 836–846.
3. Contreras FX., Sanchez-Magraner L, Alonso A., Goni FM. - FEBS Lett., 2010, 584, 1779-1786.
4. Parkinson-Lawrence E.J., T. Shandala, M. Prodoehl, R. Plew, G. N. Borlace, D. A. Brooks - *Physiology* 25: 102-115, 2010
5. Westerlund B., P-M Grandell, Y. J. E. Isaksson, J. Peter Slotte - Eur Biophys J., 2010, 1117-1128.
6. Shan Zou, L.J. Johnston - Current Opinion in Colloid & Interface Science (2010), 15, 489-498.
7. Riboni L, Giussani P, Viani P – Adv. Exp. Med. Biol. 2010, 688, 24-45.
8. Busto J.V., J.Sot, J.Requejo-Isidro, F.M. Goni, A. Alonso - Biophysical Journal 2010, 99, 1119–1128
9. Zou S., L. J. Johnston – Curr. Opin.Colloid & Interface Sci. 15 (2010) 489–498.
10. Kirichenko O.A., GI Kapustin, VD Nissenbaum, OP Tkachenko, VA Poluboyarov, AL Tarasov, AV Kucherov, L Kostov - Stud. Surf. Sci. Catal., 2010, 175, 537-540.
110. Iburguren M., D.J. Lopez, L.-Ruth Montes, J. Sot, A.I. Vasil, M.L. Vasil, F.M. Goni, A. Alonso - Journal of Lipid Research, 2011, 52, 635-645.
12. Ziblat R., L. Leiserowitz, Lia Addadi - Angewandte Chemie International Edition 2011, 50, 3620-3629.
13. Truman JP, M.M. Al Gadban,K.J. Smith, S.M. Hammad - Cell. Mol. Life Sci., 2011, 68, 3293-3305.
14. Buschiazzo J., T.S. Alonso, M. Biscoglio, S.S. Antollini, I.C. Bonini – Biol. Reprod. 2011, 2011; 85: 808 - 822.

15. He, X., Schuchman, E.H. – J. Central South University (Medical Sciences) 2012, 37, 109-125
16. Boulgaropoulos, B., Rappolt, M., Sartori, B., Amenitsch, H., Pabst, G. – Biophys. J. 2012, 102, 2031-2038.
17. Pabst G., • D. Zweytick • R. Prassl • K. Lohner - Eur Biophys J 2012, 41, 915-929
18. Ale E.C., B. Maggio, M. L. Fanani - BBA – Biomembranes 2012, 2012, 1818, 2767–2776.
19. Petelska AD , M. Naumowicz , Z.A. Figaszewski – Langmuir 2012, 28, 13331-13335.
20. 何兴轩, Edward H. Schuchman - 酸性鞘磷脂酶在环境健康中的潜在作用, J4 » 2012, 37, 109-125 DOI: 10.3969/j.issn.1672-7347.2012.02.001
21. Petelska A.D, Z.A. Figaszewski - J Membrane Biol. 2013, 246, 13-19
22. Hąc-Wydro K. - BBA-Biomembranes 2013, 1828, 2460-2469.
23. Castro B.M., M. Prieto, L.C. Silva - Progress in Lipid Research 2014, 54, 53-67.
24. Dupuy FG., B. Maggio - J. Phys. Chem. B, 2014, 118, 7475-7487.
25. Gallier S., E. Shaw, A. Laubscher, R. Jimenez-Flores - J. Agr. Food Chem., 2014, 62, 1363-1372.
26. Barriga H.M.G., E. S. Parsons, N. L. C. McCarthy, O. Ces, J. M. Seddon, R. V. Law, and N. J. Brooks - Langmuir, 2015, 31, 3678-3686.
27. Kornhuber, J, Rhein, C, Muller, CP, Muhle C. - BIOLOGICAL CHEMISTRY 2015, 396, 707-736.
28. Kollmitzer, B., Heftberger, P., Podgornik, R., Nagle, J.F., Pabst, G. - Biophys. J. 2015, 108, 2833-2842.
29. Kollmitzer B., P. Haftberger, R. Podgornik, G. Pabst - Biophys. J. 2015, 108, DOI: 10.1016/j.bpj.2015.05.003
30. Maula, T., Al Sazzad, M.A., Slotte, J.P. - Biophys. J., 2015, 109, 1639-1651.
31. Neves, A.R., Nunes, C. , Amenitsch, H., Reis, S. - Langmuir , 2016, 32, 12914-12922.
32. E. D. Vieira, L.G.M. Basso, A. J. Costa-Filho, - BBA - Biomembranes 2017, 1859, 1133-1143
33. Slote JP, Yasuda T, Engberg O, Al Sazzad MA, Hautula V, Nyholm TKM, Murata M. - Biophys. J., 2017, 112, 1673-1681.
34. Soto C, Del Valle A, Valiente PA, Ros U, Lanio ME, Hernández AM, Alvarez C. Biochimie. 2017 Apr 7. doi: 10.1016/j.biochi.2017.04.003.

In Books

1. Benjamin Kollmitzer, Peter Heftberger, Rudolf Podgornik, John F. Nagle, Georg Pabst – in: Lipid domain interactions- ”Bending rigidities and interdomain forces in membranes with coexisting lipid domains”, University of Graz, Institute of Molecular Biosciences, Biophysics Division, NAWI Graz, Humboldtstr. 50/III, A-8010 Graz, Austria, cond-mat.soft 26 Feb 2015

In Theses

1. Maula, Terhi - ’Membrane properties of structurally modified ceramides : effects on lipid lateral distribution and sphingomyelin-interactions in artificial bilayer membranes’; Åbo Akademi University, Department of Biosciences, Biochemistry, Finland, 2014-03-14;

80. Staneva G., Momchilova A., Wolf C., Quinn P.J., Koumanov K.
Membrane microdomains: Role of ceramides in the maintenance of their structure and functions. –
***Biochim. Biophys. Acta-Biomembranes* 2009, 1788, 666–675.**

1. Fanani M.L., S. Hartel, B. Maggio, L. De Tullio, J. Jara, F. Olmos, R.G. Oliveira - BBA – Biomembranes, 2010, 1798 1309–1323.
2. Sinkeldam, R.W., Greco, N.J., Tor, Y. - Chemical Reviews 2010, 110, 2579-2619.
3. López-Montero I., F. Monroy, M. Vélez, P.F. Devaux – BBA- Biomembranes, 2010, 1798, 1348–1356.
4. Westerlund B., • P-M Grandell, Y. J. E. Isaksson, J. Peter Slotte - Eur Biophys J., 2010, 39, 1117-1128
5. Zou S., L. J. Johnston – Curr. Opin.Colloid & Interface Sci. 15 (2010) 489–498.
6. Sinkeldam RW , N. J. Greco, Y. Tor - Chem. Rev., 2010, 110, 2579–2619
7. Lariccia, V., M.Fine, S.Magi, M.-J.Lin, A. Yaradanakul, M.C. Llaguno, D. W. Hilgemann - J. Gen. Physiol., Dec 2010; 137: 111 - 132.
8. Судаков, Н. П., Новикова, М. А., Липко, С. В., КЛИМЕНКОВ, И. В., Гольдберг, О. А., ЕЖИКЕЕВА, С. Д., ... & КОНСТАНТИНОВ, Ю. М. *БЮЛЛЕТЕНЬ ВОСТОЧНО-СИБИРСКОГО НАУЧНОГО ЦЕНТРА СО РАМН*, 2010, (5).
9. Ibarguren M., D.J. Lopez, L.-Ruth Montes, J. Sot, A.I. Vasil, M.L. Vasil, F.M. Goni, A. Alonso - Journal of Lipid Research, 2011, 52, 635–645.
10. Catapano E.R., L.R. Arriaga, G. Espinosa, F. Monroy, D. Langevin, I. López-Montero – Biophys. J., 2011, 101, 2721-2730.
11. L.J. Ayling, S. J. Briddon, M.L. Halls, G.R. V. Hammond, L.Vaca, J.Pacheco, S. J. Hill D. M. F. Cooper - J Cell Sci 2012, 125, 869–886.
12. Boulgaropoulos, B., Rappolt, M., Sartori, B., Amenitsch, H., Pabst, G. – Biophys. J. 2012, 102, 2031-2038.
13. Pabst G.,• D. Zwegytick • R. Prassl • K. Lohner - Eur Biophys J 2012, 41, 915-929.
12. Ale E.C., B. Maggio, M. L. Fanani - BBA – Biomembranes 2012, 1818, 2767–2776.
14. Dupuy F., B. Maggio - Chemistry and Physics of Lipids 2012, 165, 615– 629.
15. Pinto S.N., F. Fernandes, A. Fedorov, A. H. Futerman, L.C. Silva - BBA Biomembranes, 2013, 1828, 2099-2110.
16. Lopez-Montero I., Catapano ER., Espinosa G., Arriaga LR., Langevin D., Monroy F. - Langmuir 2013, 29, 6634-6644.
17. Gallier, S., Shaw, E., Cuthbert, J., Gragson, D. , Singh, H., Jiménez-Flores, R. - Food Res. Int. 2013, 54, 718-725.
18. Pabst G. - Advances in Planar Lipid Bilayers and Liposomes 2013, 18, 81-109.
19. Castro B.M., M. Prieto, L.C. Silva - Progress in Lipid Research 2014, 54, 53-67
20. Gallier, S. ,Shaw, E., Laubscher, A., Gragson, D., Singh, H., Jiménez-Flores, R. - J. Agricult. Food Chem. 2014, 62, 1363-1372.
21. Kornhuber, J, Rhein, C, Muller, CP, Muhle C. - BIOLOGICAL CHEMISTRY 2015, 396, 707-736.
22. Garcia-Arribas A.B., H. Ahyayauch, J. Sot, P. L Lopez-Gonzalez, A. Alonso, F. M. Goni - Langmuir, 2016, 32, 9053-9063.
23. Rodriguez-Cuenca S., V.Pellegrinelli, M.Campbell, M.Oresic, A. Vidal-Puig - Progress in Lipid Research 2017, 66, 14-29.

24. Soto C., A. del Valle, P. A. Valiente, U. Ros, M. E. Lanio, A. M. Hernández, C. Alvarez - *Biochimie* 2017, 138, 20-31

In Books

1. de Almeida RFM., Marques JT., Silva LC - in: "Lipid Rafts: Properties, Conroversies and Role in Signal Transduction", 2014, 21-52. **Publisher:** Nova Science Publishers, Inc., ISBN: 978-162948964-3;978-162948961-2
2. Bate C. - in: "Lipid Rafts: Properties, Conroversies and Role in Signal Transduction", 2014, 171-218. **Publisher:** Nova Science Publishers, Inc., ISBN: 978-162948964-3;978-162948961-2
3. В. Кочев, А. Попатанасов - "Латерална органозация на липидните мембрани", изд. Парадигма, София, 2015.
4. M.L. Fanani, D. Dos Santos Alvares, L. Pedrera, L. Benedini, N. Wilke - in: *INTERACTION OF AMPHIPHILIC BIOACTIVE MOLECULES WITH MODEL LIPID MEMBRANES*, National Scientific and Technical Research Council, Centro de Investigaciones en Química Biológica de Córdoba, University of Havana, São Paulo State (Project)

In Theses

1. CAMPBELL, Andrew S. *Interactions of disruptive materials with phospholipid bilayers*. 2011. PhD Thesis. University of Illinois at Urbana-Champaign.
2. FINE, Michael Jon. *How to Mend a Broken Heart: Massive Endocytosis and the Role of Lipidic Forces in Membrane Trafficking*. PhD Thesis. 2014
3. Maula, Terhi - "Membrane properties of structurally modified ceramides : effects on lipid lateral distribution and sphingomyelin-interactions in artificial bilayer membranes", Åbo Akademi University, Department of Biosciences, Biochemistry, 2014-03-14

- 81. Lupanova T., Stefanova N., Petkova D., Staneva G., Jordanova A., Koumanov K., Pankov R., Momchilova A.**
Alterations in the content and the physiological role of sphingomyelin and cholesterol in plasma membranes of cells cultured in three-dimensional matrix.
Mol. Cell Biochem., 2010, 340, 215-222.

1. Bonnier, F., Knief, P., Lim, B., Meade, A.D., Dorney, J., Bhattacharya, K., Lyng, F.M., Byrne, H.J. - *Analyst* 2010, 135, 3169-3177.
2. Lee J.T. Y., K.L. Chow, K. Wang, W.H. Tsang - *J. Funct. Biomater.* 2011, 2, 308-337.
3. J. T. Y. Leel, K. L. Chow, K. Wang, W.-H. Tsang, *J. Funct. Biomater.* 2011, 2(4), 308-337
4. Bonnier F., M. Keating, T. Wróbel, K. Majzner, M. Baranska, A. Garcia, A. Blanco, H.J. Byrne - *Toxicology in vitro* 2015, 29, 124-131.

In Books

1. Byrne HJ, P. Gardner, M. J. Baker, N. Stone, A. Henderson - International Society for Clinical Spectroscopy (<http://clirspec.org/>), The University of Manchester, Dublin Institute of Technology, University of Strathclyde, University of Exeter, 2016.

- 82. Georgieva R., Koumanov K., Momchilova A., Tessier C., Staneva G.**
Effect of sphingosine on domain morphology in giant vesicles
J. Colloid & Interface Sci. 2010, 50, 502-510.

1. Silva L.C., O. Ben David, Y. Pewzner-Jung, E. L. Laviad, J. Stiban, S. Bandyopadhyay, A.H. Merrill Jr., M. Prieto, AH. Futerman – *J. Lipid. Res.* 2012, 53: 430 - 436.
2. Dupuy F., B. Maggio - *Chemistry and Physics of Lipids* 2012 165, 615-29.
3. Zupanic E., A.C. Carreira, R.M. de Almeida, L.C. Silva - *J. Phys. Chem. B*, 2014, 118, 4858-4866
4. Jiménez-Rojo N., A. R. Viguera, M. I. Collado, K. H. Sims , C. Constance, K. Hill, W. A. Shaw, F.M. Goñi, A. Alonso - *BBA Biomembranes*, 2014, 1838, 2071-2077.
5. Jimenez-Rojo N., J. Sot, A. R. Viguera, M. Isabel Collado, A. Torrecillas, J. C. Gomez-Fernandez, F. M. Goni, A. Alonso - *Biophys. J.* 2014, 106 , 2014 2577–2584.
6. Goñi, F.M. , Sot, J., Alonso, A. - *Biochemical Society Transactions* 2014, 42, 1401-1408
7. Rui Yang, Xiangyang Li, Tong Zhang - *Physica A: Statistical Mechanics and its Applications* 10/2014 411:12–20.
8. Carreira, AC, A.E Ventura, A. R P Varela, L.C. Silva - *Biological Chemistry* 2015; 396, 597-609.
9. Lima S., S. Milstein, S. Spiegel - *J. Biol. Chem.*, 2017, 292, 3074-3088.

In Books

1. Akhlaq Farooqui – in: *Lipid Mediators and Their Metabolism in the Brain. Sphingosine and sphingosine-1-phosphate in the brain.* Springer 2011.
2. *Amino Alcohols: Advances in Research and Application*; Scholarly Editions, Atlanta, Georgia. ISBN: 978-1-464-92754-6 - "Institute of Biophysics, Sofia: Effect of Sphingosine on domain morphology in giant vesicles
3. В. Кочев, А. Попатанасов - "Латерална организация на липидните мембрани", изд. Парадигма, София, 2015.
4. Ventura, A.E, Santos, T., Carreira, A.C., Martinho, N.M., Coniot, J., Varela, .R.P., Gaspar, R., Florindo, H.F., Silva, L.C. - in: "Membrane Organization and Lipid Rafts in the Cell and Artificial Membranes" 1 January 2016, Pages 53-88, Book Chapter, Med. ULisboa-Research Institute for Medicines, Faculdade de Farmácia, Universidade de Lisboa, Lisbon, Portugal

83. Staneva G., Lupanova T., Chachaty C., Petkova D., Koumanov K., Pankov R., Momchilova A.
Structural organization of plasma membrane lipids isolated from cells cultured as a monolayer and in tissue-like conditions
J. Colloid & Interface Sci. 2011, 359, 202-209.

84. Staneva G., Momchilova A., Koumanov K. Angelova M.I.
Developing Cell-Scale Biomimetic Systems: A Tool for Understanding Membrane Organization and Its Implication in Membrane-Associated Pathological Processes.
In: Aleš Iglič and Julia Genova, editors: Advances in Planar Lipid Bilayers and Liposomes, Vol.17, Burlington: Academic Press, 2013, pp. 167-213.

1. Fong, C., A.W. Dong, A.J. Hill, B. J. Boyd, C. J. Drummond - *Phys. Chem. Chem. Phys.*, 2015, 17, 17527-17540.

85. Georgieva R., Momchilova A., Petkova D, Koumanov K., Staneva G.
Effect of n-propyl galate on lipid peroxidation in heterogenous model membranes.
Biotechnol. & Biotechnol. Eq. 2013, 27, 4145-4149.

1. Ding, J., Yang, S.-L., Wu, H., Wang, C.-R. - Modern Food Science and Technology 2014, 30, 236-240 and 279.

86. Momchilova A., Petkova D., Staneva G., Markovska T., Pankov R., Skrobanska R., Nikolova-Karakashian M., Koumanov K.
Resveratrol alters the lipid composition, metabolism and peroxide level in senescent rat hepatocytes
Chemico-Biological Interactions 2014, 207,74-80.

1. Kooman J.P., P. Kotanko, A.M. W. J. Schols, P.G. Shiels, P. Stenvinkel - Nature Reviews Nephrology 2014, 10, 732-742.
2. G Xing, O Evbuomwan, Z Li, P Sharma. American Journal of Psychiatry and Neuroscience, 2014; 2(6): 101-107-
3. Alagawany, MM, Farag, MR, Dhama, K, Abd El-Hack, ME, Tiwari, R, Alam, GM - Int. J. Pharmacol. 2015, 11, 213-221.
4. Raghubeer S., S Nagiah, A Phulukdaree, A Chuturgoon – J. Cell. Biochem., 2015, 116, 2947-2955.
5. Du, L.-N., Xie, T., Xu, J.-Y., Kang, A., Di, L.-Q., Shan, J.-J., Wang, S.-C. - Journal of Ethnopharmacology 2015, 174, 25-36.
6. Thomson, I. S. I., M.M. Alagawany, M. R. Farag, K. Dhama, M. E. Abd El-Hack, R. Tiwari, G.M. Alam. – Int. J.Pharmacol., 2015, 11, 213-221
7. Alam, Gazi Mahabubul - International Journal of Pharmacology 2015, 100, 213-221.
8. Carotenuto F, M. C. Albertini, D. Coletti, L. Teodori, L. Campanella, Z. Darzynkiewicz, L. Teodori - Int. J. Mol. Sci. 2016, 17(5):752
9. Matjusaitis M., G. Chin, E. A. Sarnoski, A. Stolzing - Ageing Research Reviews 2016, 29, 1 - 12.
10. Charytoniuk T., K. Drygalski, K. Konstantynowicz-Nowicka, K. Berk, A. Chabowski - Nutrition 2017, 34, 108-117.
11. Rute Neves A., C. Nunes, H. Amenitsch, S. Reis - *Langmuir*, 2016, Just Accepted Manuscript, DOI: 10.1021/acs.langmuir.6b03591, Publication Date (Web): October 27, 2016.

In Books

1. Ren, J. - Effects of Resveratrol Supplements on Vascular Health in Postmenopausal Women. University of California, Davis.2015
2. Claudia Grimm - Einfluss sekundärer Pflanzeninhaltsstoffe auf das Fettsäuremuster und die endogene Fettsäuresynthese der Regenbogenforelle, **Büsumer Fischtag** 1 09.06.2016, Gesellschaft für Marine Aquakultur mbH, grimm@gma-buesum.de 2016.

87. Hazarosova R., Momchilova A., Koumanov K., Petkova D., Staneva G.
Role of Aminophospholipids in the Formation of Lipid Rafts in Model Membranes
Journal of Fluorescence 2015, 25:1037–1043.

88. Georgieva R., Mircheva K., Vitkova V., Balashev K., Ivanova T., Tessier C., Koumanov K., Nuss P., Momchilova A., Staneva G.

Phospholipase A₂ induced remodeling processes on liquid-ordered/liquid-disordered membranes containing docosahexaenoic or oleic acid: a comparison study
Langmuir 2016, 32, 1756-1770.

1. Furlan AL, A. Saad, E.J. Dufourc, J. Géan - *Biochimie*, 2016, 130, 41-48.

89. Hazarosova, R., Petkova, D., Staneva, G., Koumanov, K., Momchilova, A.
Resveratrol modulates the lipid ordering in model membranes
FEBS JOURNAL 2016, 283, 289-289, Supplement: 1, Special Issue: SI

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-в научни списания (1665)

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