

СПИСЪК НА НАУЧНИТЕ ПУБЛИКАЦИИ

на гл. ас. д-р Кирил Михайлов Мишев

за участие в конкурс за заемане на академична длъжност „доцент“ по професионално направление 4.3. Биологически науки, специалност „Биохимия“, обявен от ИФРГ – БАН в ДВ бр. 17 / 26.02.2021 г.

№ от справката	Публикация	Квартил	JCR IF
Г7_1	Vaseva I.I., Mishev K. , Depaepe T., Vassileva V., Van Der Straeten D., 2021 . The diverse salt-stress response of <i>Arabidopsis ctr1-1</i> and <i>ein2-1</i> ethylene signaling mutants is linked to altered root auxin homeostasis. <i>Plants</i> , 10 (3): 452.	Q1 (JCR, 2019) Q1 (SJR, 2019)	2.762 (2019)
Г7_2	Georgiev O., Mishev K. , Krasnikova M., Kitanova M., Dimitrova A., Karagyozev L., 2019 . The <i>Hordeum bulbosum</i> 25S-18S rDNA region: comparison with <i>Hordeum vulgare</i> and other Triticeae. <i>Zeitschrift für Naturforschung C</i> , 74 (11-12): 319-328.	Q4 (JCR)	1.238 (2019)
B4_1	Dejonghe W., Sharma I., Denoo B., De Munck S., Lu Q., Mishev K. , Bulut H., Mylle E., De Rycke R., Vasileva M., Savatin D.V., Nerinckx W., Staes A., Drozdzecki A., Audenaert D., Yperman K., Madder A., Friml J., Van Damme D., Gevaert K., Haucke V., Savvides S.N., Winne J., Russinova E., 2019 . Disruption of endocytosis through chemical inhibition of clathrin heavy chain function. <i>Nature Chemical Biology</i> , 15 (6): 641-649.	Q1 (JCR) Q1 (SJR)	12.587 (2019)
B4_2	Kania U., Nodzynski T., Lu Q., Hicks G.R., Nerinckx W., Mishev K. , Peurois F., Cherfils J., De Rycke R.M., Grones P., Robert S., Russinova E., Friml J., 2018 . The inhibitor Endosidin 4 targets SEC7 domain-type ARF GTPase exchange factors and interferes with subcellular trafficking in eukaryotes. <i>The Plant Cell</i> , 30 (10): 2553-2572.	Q1 (JCR) Q1 (SJR)	8.631 (2018)
Г7_3	Mishev K. , Lu Q., Denoo B., Peurois F., Dejonghe W., Hullaert J., De Rycke R.M., Boeren S., Bretou M., De Munck S., Sharma I.S., Goodman K., Kalinowska K., Storme V., Nguyen L., Drozdzecki A., Martins S., Nerinckx W., Audenaert D., Vert G., Madder A., Otegui M.S., Isono	Q1 (JCR) Q1 (SJR)	8.631 (2018)

	E., Savvides S., Annaert W., de Vries S.C., Cherfils J., Winne J., Russinova E., 2018 . Nonselective chemical inhibition of Sec7 domain-containing ARF GTPase exchange factors. <i>The Plant Cell</i> , 30 (10): 2573-2593.		
B4_3	Zhou J., Liu D., Wang P., Ma X., Lin W., Chen S., Mishev K. , Lu D., Kumar R., Vanhoutte I., Meng X., He P., Russinova E., Shan L., 2018 . Regulation of <i>Arabidopsis</i> brassinosteroid receptor BRI1 endocytosis and degradation by plant U-box PUB12/PUB13-mediated ubiquitination. <i>Proceedings of the National Academy of Sciences of the United States of America</i> , 115 (8): E1906-15.	Q1 (JCR) Q1 (SJR)	9.580 (2018)
Γ7_4	Dimitrova A.D., Georgiev O., Mishev K. , Tzvetkov S., Ananiev E.D., Karagyozov L., 2016 . Mapping of unmethylated sites in rDNA repeats in barley NOR deletion line. <i>Journal of Plant Physiology</i> , 205 : 97-104.	Q1 (JCR) Q1 (SJR)	3.121 (2016)
B4_4	Dejonghe W., Kuenen S., Mylle E., Vasileva M., Keech O., Viotti C., Swerts J., Fendrych M., Ortiz-Morea F.A., Mishev K. , Delang S., Scholl S., Zarza X., Heilmann M., Kourelis J., Kasprowicz J., Nguyen le S.L., Drozdzecki A., Van Houtte I., Szatmári A.M., Majda M., Baisa G., Bednarek S.Y., Robert S., Audenaert D., Testerink C., Munnik T., Van Damme D., Heilmann I., Schumacher K., Winne J., Friml J., Verstreken P., Russinova E., 2016 . Mitochondrial uncouplers inhibit clathrin-mediated endocytosis largely through cytoplasmic acidification. <i>Nature Communications</i> , 7 : 11710.	Q1 (JCR) Q1 (SJR)	12.124 (2016)
Γ7_5	Betti C., Vanhoutte I., Coutuer S., De Rycke R.M., Mishev K. , Vuylsteke M., Aesaert S., Rombaut D., Gallardo R., De Smet F., Xu J., Van Lijsebettens M., Van Breusegem F., Inzé D., Rousseau F., Schymkowitz J., Russinova E., 2016 . Sequence-specific protein aggregation generates defined protein knockdowns in plants. <i>Plant Physiology</i> , 171 : 773-787.	Q1 (JCR) Q1 (SJR)	6.456 (2016)
Γ7_6	Dejonghe W., Mishev K. , Russinova E., 2014 . The brassinosteroid chemical toolbox. <i>Current Opinion in Plant Biology</i> , 22 : 48-55.	Q1 (JCR) Q1 (SJR)	7.848 (2014)

Г7_7	Mishev K. , Dejonghe W., Russinova E., 2013 . Small molecules for dissecting endomembrane trafficking: a cross-systems view. <i>Chemistry & Biology</i> , 20 : 475-486.	Q1 (JCR) Q1 (SJR)	6.586 (2013)
Г7_8	Irani N.G., Di Rubbo S., Mylle E., Schneider-Pizon J., Van Den Begin J., Hnilikova J., Sisa M., Vilarrasa-Blasi J., Szatmari A.-M., Van Damme D., Mishev K. , Codreanu M.-C., Kohout L., Strnad M., Cano-Delgado A.I., Friml J., Madder A., Russinova E., 2012 . Fluorescent castasterone reveals BRI1 signaling from the plasma membrane. <i>Nature Chemical Biology</i> , 8 : 583-589.	Q1 (JCR) Q1 (SJR)	12.948 (2012)
Г7_9	Ananieva K., Ananiev E.D., Doncheva S., Stefanov D., Mishev K. , Kaminek M., Motyka V., Dobrev P., Malbeck J., 2011 . Local induction of senescence by darkness in <i>Cucurbita pepo</i> (zucchini) cotyledons or the primary leaf induces opposite effects in the adjacent illuminated organ. <i>Plant Growth Regulation</i> , 65 : 459-471.	Q1 (SJR) Q2 (JCR)	1.604 (2011)
Г7_10	Mishev K. , Dimitrova A., Ananiev E.D., 2011 . Darkness affects differentially the expression of plastid-encoded genes and delays the senescence-induced down-regulation of chloroplast transcription in cotyledons of <i>Cucurbita pepo</i> L. (zucchini). <i>Zeitschrift für Naturforschung</i> , 66c : 159-166.	Q4 (JCR)	0.772 (2011)
Г7_11	Mishev K. , Ananiev E.D., Humbeck K., 2011 . Organ-specific effects of dark treatment on photosynthesis and the expression of photosynthesis-related genes. <i>Biologia Plantarum</i> , 55 : 269-278.	Q1 (SJR) Q2 (JCR)	1.974 (2011)
Г7_12	Doltchinkova V., Georgieva K., Traytcheva N., Slavov Ch., and Mishev K. , 2004 . Melittin-induced changes in thylakoid membranes: particle electrophoresis and light scattering study. <i>Biophysical Chemistry</i> , 109 : 387-397.	Q1 (SJR) Q2 (JCR)	2.102 (2004)

СПРАВКА

към списъка на научните публикации на гл. ас. д-р Кирил Михайлов Мишев за участие в конкурс за заемане на академична длъжност „доцент“

- **Общ брой публикации за участие в конкурса:** 16 статии
- **Тип научни публикации:**
 - Научна статия: 14 публикации
 - Научен обзор: 2 публикации
- **Разпределение на публикациите по квартали (JCR или SJR, използван е по-високият квартал):**
 - Q1: 14 статии
 - Q4: 2 статии
- **Списък с автори:**
 - Първи автор: 4 статии
 - Съавтор: 12 статии
- **JCR IF:**
 - **Общ JCR IF на всички публикации за конкурса:** 98.964
 - **Общ JCR IF на публикациите за конкурса, в които К. Мишев е първи автор:** 17.963

Списание	Брой статии	№ от списъка	Сума от JCR IF за съответната година на издаване
<i>Nature Chemical Biology</i>	2	B4_1, Г7_8	12.587+12.948=25.535
<i>Nature Communications</i>	1	B4_4	12.124
<i>Proc Natl Acad Sci U. S. A.</i>	1	B4_3	9.580
<i>Plant Cell</i>	2	B4_2, Г7_3	8.631+8.631=17.262
<i>Current Opinion in Plant Biology</i>	1	Г7_6	7.848
<i>Chemistry & Biology</i>	1	Г7_7	6.586
<i>Plant Physiology</i>	1	Г7_5	6.456
<i>Journal of Plant Physiology</i>	1	Г7_4	3.121

<i>Plants</i>	1	Г7_1	2.762
<i>Biophysical Chemistry</i>	1	Г7_12	2.102
<i>Biologia Plantarum</i>	1	Г7_11	1.974
<i>Plant Growth Regulation</i>	1	Г7_9	1.604
<i>Zeitschrift für Naturforschung C</i>	2	Г7_2, Г7_10	1.238+0.772=2.010

16.04.2021 г.
гр. София

Подпис:
(Кирил Мишев)

Ghent, 18th of May, 2021

To: Members of the Scientific Jury to award the academic position "Associate Professor" in Biochemistry, Institute of Plant Physiology and Genetics, Bulgarian Academy of Sciences

AUTHORSHIP CONTRIBUTION STATEMENT

From: Prof. Eugenia Russionova, PhD, Group leader "Brassinosteroids" at VIB-UGent Center for Plant Systems Biology, Ghent, 9052, Belgium, concerning Kiril Mishev's contribution to the research publication "Mitochondrial uncouplers inhibit clathrin-mediated endocytosis largely through cytoplasmic acidification" by Dejonghe et al., published in Nature Communications.

Dear Jury Members,

With this letter, I would like to certify the significant contribution of Dr. Kiril Mishev to the above mentioned research paper, published in Nature Communications (2016) 7, 1, 1-12.

As has been noted in the Author contributions statement, Kiril Mishev was involved and significantly contributed to experimental work by sample imaging, conducted image processing and data analysis and interpretation. During manuscript preparation, he was involved in the critical revision of the manuscript and in the final approval of the version to be published.

Yours sincerely,

Prof. Dr. E. Russionova