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Genetics and Plant Physiology is the new scientific journal issued by the Institute of Plant Physiology and Genetics at the Bulgarian Academy of Sciences. The journal will continue the tradition of its predecessors, the former journals "General and Applied Plant Physiology" and "Genetics and Breeding", to publish original articles in English on all aspects of plant biology including plant physiology and biochemistry as well as genetics and breeding. The scope will cover the basic physiological processes in plants such as photosynthesis, mineral nutrition, water relations, growth and development in normal and stress conditions as well as molecular plant biology, classical genetics and breeding. Studies can be based on physiological, environmental, genetical, biophysical or molecular approaches. Thus, we hope to encourage the participation of authors with various research interests in plant physiology and genetics.

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Reviews, research articles and short communications are very welcome. Research articles presented by young scientists (parts of PhD theses, post-doc fellowship reports) will be also highly appreciated.

On the cover: Restriction site map of long and short 18S-5.8S-25S rDNA repeat units in barley. (article by Dimitrova et al., pp. 03–14).
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