

Special Issue

Omics in Plant Genetics and Breeding

Message from the Guest Editors

This Special Issue of *Cells* aims to publish original research articles, reviews, or shorter perspective articles on all aspects related to the omics approaches to advancing the knowledge and the genetic dissection of agronomic complex traits of interest. Especially, studies applying omics technologies and exploring their possible integration through bioinformatic approaches as tools to support future crop breeding programs are welcome. Keywords

- next-generation sequencing (NGS)
- genomics
- transcriptomics
- proteomics
- metabolomics
- phenomics
- QTLs mapping
- genome-wide assisted selection (GWAS)
- crop breeding

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Deadline for manuscript submissions

closed (15 June 2022)



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About the Journal

Message from the Editor-in-Chief

Cells has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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Author Benefits

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indexed within Scopus, SCIE (Web of Science), PubMed, MEDLINE, PMC, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Cell Biology) / CiteScore - Q1 (General Biochemistry, Genetics and Molecular Biology)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 14.9 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2026).