

Special Issue

Neural Stem Cell Systems to Study Brain Development and Diseases

Message from the Guest Editors

In this Special Issue, we welcome contributions (reviews and original research) covering discoveries that take advantage of the recent advances in 2D and 3D NSC-based systems to investigate neural development, to model CNS diseases, or as tools for providing new therapies for CNS disorders. These include but are not limited to (1) the optimization of new procedures and the investigation of mechanisms for the specification of defined NSC/NP identities from different sources, including their expansion and genetic modification and cell-type-specific maturation; (2) the use of patient-specific NSCs/NPs to model brain disorders; and (3) the exploitation of NSCs systems for drug discovery and cell-based and regenerative therapeutic approaches.

Guest Editors

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Dr. Philip Koch

Dr. Marco Onorati

Deadline for manuscript submissions

closed (15 May 2021)



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About the Journal

Message from the Editorial Board

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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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 16 days after submission; acceptance to publication is undertaken in 2.7 days (median values for papers published in this journal in the first half of 2025).