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Neural Stem Cell Systems to Study Brain Development and Diseases

Guest Editors:

Dr. Luciano Conti

Department of Cellular,
Computational and Integrative
Biology - CIBIO, Università degli
Studi di Trento, Via Sommarive 9,
38123 Trento, Italy

Dr. Philip Koch

Hector Institute for Translational
Brain Research (HITBR), Central
Institute of Mental Health,
University of Heidelberg, Medical
Faculty Mannheim J5, 68159
Mannheim, Germany

Dr. Marco Onorati

Unit of Cell and Developmental
Biology, Department of Biology,
University of Pisa, S.S. 12 Abetone
e Brennero 4, 56127 Pisa, Italy

Message from the Guest Editors

Dear Colleagues,

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.

Deadline for manuscript
submissions:

closed (15 May 2021)



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Special Issue



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Editors-in-Chief

Prof. Dr. Alexander E. Kalyuzhny

Neuroscience, UMN Twin Cities,
6-145 Jackson Hall, 321 Church St
SE, Minneapolis, MN 55455, USA

Prof. Dr. Cord Brakebusch

Biotech Research & Innovation
Centre, The University of
Copenhagen, Copenhagen,
Denmark

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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Cells Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

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