

Special Issue

Advances in Neurogenesis: 3rd Edition

Message from the Guest Editor

This is the expanded third edition of *Advances in Neurogenesis*. The first edition led to the publication of 18 papers, while the second edition led to the publication of 10 papers.

The adult brain displays different forms of neural plasticity, ranging from neuronal synapto-dendritic rearrangements to the generation of novel neuronal and glial cells from neural stem cells (NSCs), processes known as adult neuro- and gliogenesis, respectively. Though increasing evidence supports the role of the hippocampal cytotogenesis in brain physiology, its precise function is still debatable. Given the involvement of adult neurogenesis in such complex behaviors, it has become plausible to anticipate that its disruption could impact neuronal circuitry and, ultimately, be implicated in the development of psychiatric and neurodegenerative disorders.

Understanding the role of novel genes and cytogenic regulators and better dissecting their impact throughout developmental periods and at different behavioral domains is of paramount importance for increasing our current comprehension of this topic.

Guest Editor

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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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