

## Special Issue

# Brain Organoids: Future Prospects

### Message from the Guest Editors

In addition to therapy, in vitro differentiated cells are currently used for drug testing, development, and disease modeling to give valuable insights into underlying mechanisms. iPSC-derived 3D organoids are composed of distinct cell types characteristic within the organ under investigation and adopt specific organ-related structure, thus further increasing their maturity and utility compared to 2D cultured cells. Furthermore, culturing of organoids employing organ-on-a-chip systems has added an additional level of sophistication and enhancement, thus enabling investigations at near-physiological levels. In this Special Issue Brain organoids: Future Prospects, we invite you to contribute with original research articles, reviews, meta-analyses or short perspective articles on all aspects related with the utility of brain organoids as experimental systems for studying neurogenesis and molecular mechanisms underlying brain-associated diseases. For further information, please visit the Special Issue [website](#).

### Guest Editors

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### Deadline for manuscript submissions

closed (31 October 2022)



## Cells

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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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