

Special Issue

Neuron and Brain Maturation 2.0

Message from the Guest Editors

this Special Issue will address:

Molecular mechanisms for neuronal quiescence, differentiation, and maturation in different contexts (e.g., embryonic and adult neurogenesis, latent immature neurons);

Better identification and characterization of neuronal maturational stages and of their transcriptomic or molecular markers;

Phylogenetic and evolutionary choices for different types of cellular plasticity;

Molecular mechanisms behind the processes of neuronal dematuration, hypo-maturation, and rejuvenation;

Cellular and functional aspects involved in neuronal maturation within the infant and adult brain;

Temporal and regional aspects of postnatal brain maturation;

Glial cell contribution to neuronal and brain maturation;

Modulation of neuronal and brain maturation through experimental cues, lifestyle, and pathological conditions;

Choice of animal models to address the issue of brain maturation.

Guest Editors

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Deadline for manuscript submissions

closed (15 April 2023)



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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

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