

Special Issue

Neuron and Brain Maturation

Message from the Guest Editors

This Special Issue will address: - Molecular mechanisms for neuronal differentiation and maturation in different contexts (e.g., embryonic and adult neurogenesis, latent immature neurons); - Better definition of neuronal maturational stages and of their molecular markers; - Phylogenetic and evolutionary issues driving the adoption of different types of cellular plasticity; - Cellular and functional aspects involved in differential maturation of brain regions; - Neurodevelopmental aspects linked to time windows and regionalization of postnatal brain maturation; - Glial cell contribution to brain maturation; - Modulation of neuronal/brain maturation by experimental cues and/or lifestyle; - Experimental paradigms/new technologies helping to better unravel the multifaceted aspects of neuronal maturation; - Choice of animal models to address the issue of brain maturation.

Guest Editors

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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.

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