

Special Issue

Development of Dopaminergic Neurons 2.0

Message from the Guest Editor

Dopaminergic neurons located in the mammalian ventral midbrain have attracted the attention of many biomedical researchers due to their effect in severe human neuropsychiatric and neurodegenerative disorders. There are four major signalling pathways which play critical roles during the development of the midbrain dopaminergic (mDA) neurons. In spite of the intense research conducted in recent years, we have achieved little understanding related to the crosstalk and the interaction between those four major signalling pathways and how they promote the development of mDA neurons in the mammalian embryo. This has been a very exciting research field and a number of questions remain answering. Contributions to this Special Issue will provide new insights into the mechanisms of action of the development of DA neurons and for the modelling and drug screening of the disorders mentioned above in the basic and clinical research.

Guest Editor

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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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