

Special Issue

Zebrafish: A Powerful Model in Neuroscience to Investigate Genes, Brain Mechanisms, and Behavior

Message from the Guest Editors

zebrafish have become a powerful vertebrate model organism for neuroscience research. This represents an excellent translational approach through which evolutionarily ancient, and thus fundamentally important, mechanisms of complex mammalian (and human) biological phenomena may be studied. Importantly, zebrafish display diverse behaviors, either innate or sensory-driven, involved in social interactions and sensory-motor transformations, offering a reliable and quantitative readout of the gene impact or of the circuit functionality. Zebrafish currently offer unique advantages for both basic and translational neuroscience. This Special Issue will discuss the significance of zebrafish as an animal model to study neurological disorders. We welcome original research articles and reviews that use zebrafish to investigate the nervous system, encompassing areas such as neurodevelopment, neurodegeneration, and behavioural neuroscience, as well as analysis and experimental methods supporting this type of research.

Guest Editors

Dr. Marco Dal Maschio
Dr. Nicola Facchinello
Dr. Maria Elena Miletto Petrazzini

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Biomolecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
biomolecules@mdpi.com

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

Editors-in-Chief

Prof. Dr. Peter E. Nielsen

Department of Cellular and Molecular Medicine, Faculty of Health and Medical Sciences, University of Copenhagen, Blegdamsvej 3C, DK-2200 Copenhagen, Denmark

Prof. Dr. Lukasz Kurgan

Department of Computer Science, Virginia Commonwealth University, Richmond, VA 23284, USA

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