

## Special Issue

# Behavioral Neuroscience: From Genes to Brain Mechanisms Underlying Behaviour in Normal and Pathological Conditions

### Message from the Guest Editors

Brain disorders are among the major causes of disability worldwide and their incidence is projected to increase in the next decades. Changes in behaviors occurring in the vast majority of people with brain disorders, are commonly used as diagnostic tool and at the same time may open a window into their neural bases. In this context, model organisms in combination with powerful genetic strategies play a central role in the investigation of the biological mechanisms and processes that are involved in brain disorders and behavioral dysfunctions. This Special Issue aims to promote a multi-level approach to uncover the neural mechanisms underlying animal and human behavior related to brain disorders. As such, this Special Issue welcomes submissions of original research and review articles related to any aspect of the brain–behavior relation and its disorders: from molecular biology and genetics, to biochemical, neurochemical, neurophysiological, neuroendocrine, pharmacological, neurocomputation and neuroimaging studies.

### Guest Editors

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### Deadline for manuscript submissions

closed (30 April 2023)



## International Journal of Molecular Sciences

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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.

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### Editor-in-Chief

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