

Special Issue

Epilepsy: Molecular Mechanisms and Therapies

Message from the Guest Editors

Epilepsy is a severe and chronic disorder of the central nervous system that affects about 1% of the population worldwide. Although pharmacotherapy is the main treatment for epilepsy, the currently available antiseizure drugs do not cure epilepsy but only allow a reduction in the intensity and/or frequency of epileptic seizures. Moreover, anticonvulsant medication often provokes numerous side effects. The aim of this Special Issue on “*Epilepsy: Molecular Mechanisms and Therapies*” is to collect innovative research focused on various aspects of the molecular mechanisms of epileptic disorders and epileptogenesis. We are also interested in papers that present some new therapy possibilities for epilepsy and comorbid diseases. Preclinical studies from in vitro tests and animal models as well as clinical studies will be considered. We look forward to your manuscript submission in the form of original papers, reviews, and short communications.

Guest Editors

Dr. Dorota Teresa Nieoczym

Dr. Kinga Gaweł

Dr. Agnieszka Zelek-Molik

Deadline for manuscript submissions

closed (20 November 2024)



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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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