

## Special Issue

# Ion Channels and Neurological Disease

### Message from the Guest Editor

We are pleased to invite you to contribute to this Special Issue in *Life* on the topic "Ion Channels and Neurological Disease".

Most of the currently known neurodegenerative diseases (NDDs) report alterations in neuronal excitability due to dysfunction of molecular and/or functional features in ion channels. Nevertheless, the link between ion channel alterations underlying neuronal excitability and disease onset has been neglected in some disorders, while for others, research is increasing rapidly.

The aim of this Special Issue is to provide new achievements in the research on pathophysiological changes and structural altered phenotypes in ion channel malfunction. A particular interest could be addressed to drug screening and targeting in order to propose putative therapeutic avenues (including also nutraceuticals and/or ethnopharmacology) that can be developed to treat or alleviate these incurable diseases. Multi- and inter-disciplinary research contributions, possibly combining structural, functional, and pharmacological approaches with different methods/techniques, including clinical ones, will be greatly appreciated.

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### Guest Editor

Dr. Carlo Musio

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### Deadline for manuscript submissions

closed (31 August 2023)



## Life

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## About the Journal

### Message from the Editor-in-Chief

*Life* (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

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### Editor-in-Chief

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