

## Special Issue

# Multiple Enzyme Mechanism and Functions in Mitochondrial Biology

### Message from the Guest Editors

Mitochondria are dynamic and signalling organelles that regulate a wide variety of cellular functions and can dictate cell fate. Mitochondrial dynamics, which include mitochondrial fission, fusion and biogenesis, governs mitochondrial function and localization within the cell. In this Special Issue, we encourage the submission of manuscripts that improve and update knowledge in mitochondrial function and related enzyme mechanism to deepen their role in health and disease and reveal novel mitochondria-targeting therapeutic opportunities. Topical reviews on these topics are also welcome.

Keywords:

- Mitochondrial enzymes
- mitochondrial biogenesis
- mitochondrial metabolism
- mitochondrial respiration
- mitochondrial permeability transition
- mitochondrial cell death and diseases
- mitochondrial ROS
- mitochondria-targeted therapy
- drug discovery
- ATP synthase

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### Deadline for manuscript submissions

closed (31 July 2022)



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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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