

## Special Issue

# Mitochondria in Human Health and Diseases

### Message from the Guest Editor

Mitochondria, an energy center integrating with other organelles, contribute to a variety of cellular activities and stress responses through their dynamic properties such as fusion, fission and mitophagy, leading to the maintenance of cellular homeostasis. Recent advances in mitochondrial biology demonstrate that mitochondria not only act as organelles of “a cellular power plant” for ATP production to energize cellular/molecular activities of daily life, but also circulate in human peripheral blood and function as novel mediators involved in the crosstalk among different cells, tissues, and organs in physiological and pathological conditions. This Special Issue focuses on recent progress in basic research and clinical studies of mitochondria to facilitate their translational potential in clinics. Researchers and clinicians are encouraged to submit insightful reviews and research papers on the topic of mitochondria.

### Guest Editor

Dr. Yong Zhao

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### Deadline for manuscript submissions

closed (31 July 2024)



## Biomedicines

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### Message from the Editor-in-Chief

*Biomedicines* (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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### Editor-in-Chief

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