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## Mitochondrial Dysfunction and Aging

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Deadline for manuscript  
submissions:

**30 November 2025**

### Message from the Guest Editor

Dear Colleagues,

Biology is calling for submissions to our Special Issue on “Mitochondrial Dysfunction and Aging”. The mitochondria not only work in energy production but also play important roles in reactive oxygen species (ROS and RNS) production, calcium handling, metabolism, cell signaling, etc. Mitochondria have been increasingly recognized as important players in the aging process. Mitochondrial dysfunction is one of the hallmarks of aging and aging-related diseases, including cardiovascular dysfunction, neurodegenerative diseases, skeletal muscle decline, kidney dysfunction, skin aging, immune dysfunction, and stem cell dysfunction. As individuals age, they become increasingly susceptible to various clinical complications. There is an urgent need to elucidate the mechanisms of mitochondrial dysfunction and seek mitochondrial-targeted treatments in aging. In this Special Issue, we welcome submissions of original research, reviews, and mini-reviews.



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# Special Issue



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