



## Advances in Mitochondrial Calcium Research

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### Message from the Guest Editor

Dear Colleagues,

The relevance of mitochondria and mitochondrial  $\text{Ca}^{2+}$  in the regulation of cell function has been recognized since the 1950s. Nevertheless, the number of studies on mitochondrial  $\text{Ca}^{2+}$  signaling is still constantly and steeply increasing, thus expanding the knowledge about the pleiotropic action of  $\text{Ca}^{2+}$  on mitochondria and the composition and regulation of its transport machinery. However, many molecular and physiological aspects of the mitochondrial  $\text{Ca}^{2+}$  dynamics are still under investigation.

The aim of this Special Issue is to collect original manuscripts and review articles on the most recent findings about the role of mitochondrial  $\text{Ca}^{2+}$  signaling and of its regulatory mechanism in cell and tissue homeostasis and pathology.

Dr. Giorgia Pallafacchina  
*Guest Editor*





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