



Advances in Mitochondrial Calcium Research

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Message from the Guest Editor

Dear Colleagues,

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

Dr. Giorgia Pallafacchina
Guest Editor





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