



Mitochondrial Transport Proteins

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submissions:

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Message from the Guest Editor

A Special Issue on “Mitochondrial transport proteins” is being prepared for the journal Biomolecules.

Mitochondrial transporters are membrane-inserted proteins that provide a link between metabolic reactions occurring in the mitochondrial matrix and outside the organelles by catalyzing the translocation of numerous solutes across the mitochondrial membrane. They include the mitochondrial carrier family members, the proteins involved in pyruvate transport, ABC transporters and channels, and are, therefore, essential for many biological processes and for cell homeostasis. Identification and functional studies of a large number of mitochondrial transporters have been performed over the years using both *in vitro* and *in vivo* systems. The few solved structures of these transporters have recently paved the way for further investigations. Furthermore, alterations in their function are responsible for several diseases. Original manuscripts and reviews dealing with any aspect of mitochondrial transport and related pathophysiology are very welcome.





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Message from the Editorial Board

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