



## Organic Cation Transporters

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### Message from the Guest Editors

With this Special Issue of Biomolecules, we would like to promote progress and cooperation in OCT research.

1) All about biochemical pharmacology of OCTs. Notably, for the majority of organic cations even the genetic identity of the pharmacokinetically relevant OCTs has not yet been revealed.

2) Classical and advanced approaches in bioinformatics related to OCTs. That should allow a comprehensive understanding of substrate spectra of OCTs and molecular interactions between OCTs and their substrates.

3) Regulation of the expression and activity of organic cation transporters by genetics, epigenetics and environmental factors. Additionally, the organ-specific versus ubiquitous expression of OCTs is still not well understood. Improvements to this knowledge would help to understand variation in pharmacokinetics and in the therapeutics or adverse effects of cationic drugs.

4) More about the role OCTs play in the disposition of endogenous molecules and of molecules from microbial and plant metabolomes to which we are always exposed from nutrition and from our microbiomes in health and disease.

Other suggestions and contributions to the understanding of OCTs are also welcome.





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## Message from the Editorial Board

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