

## Special Issue

# Organic Cation Transporters

### 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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### Guest Editors

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### Deadline for manuscript submissions

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*Biomolecules* is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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