

## Special Issue

# Updates in Kallikrein-Kinin System—KININ2022 Conference

### Message from the Guest Editors

Kinins are short-lived peptides that cause pain, arteriolar dilation, increased vascular permeability and contractions in smooth muscle. They are generated from kininogens through proteolysis by kallikreins. Together, these proteins and peptides, as well as their regulators, constitute the components of the kallikrein-kinin system (KKS). Kinins are directly, or indirectly, involved in many inflammatory diseases. If defects of the KKS in diseases are not generally recognized, the gain-of-function of one of the KKS component has been recognized to participate in hereditary angioedema. The KKS has been the subject of much research due to its relationship to inflammation and blood pressure systems. Similar to the KININ2022 conference, this research topic aims to expand on current knowledge data, recent progress and future plans in the field of kinins and the KKS, along with their relationships to diseases.

- Kallikrein-kinin system in biology;
- Kinin receptors: pharmacology, signalling and regulation;
- Animal models;
- Kallikrein-kinin system in diseases;
- Kallikrein-kinin system: drugs, inhibitors and antagonists.

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### Guest Editors

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### Deadline for manuscript submissions

closed (25 August 2023)



## Journal of Clinical Medicine

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