

## Special Issue

# Role of Tula-Family Proteins in Cell Signaling and Activation: Advances and Challenges

### Message from the Guest Editor

UBASH3/STS/TULA is a novel protein family consisting of two members, both possessing a unique set of protein domains, including a histidine phosphatase domain. This Special Issue is designed to collect, under a single roof, publications dedicated to the analysis of the existing data on the structure, functions, and biological role of UBASH3/STS/TULA proteins and to the novel research achievements in this field. Manuscripts focused on the molecular basis of UBASH3/STS/TULA proteins' effects, including targets of regulatory dephosphorylation in their already known and novel substrates, phosphatase-independent mechanisms, and the individual specificity of the two family members are encouraged. Furthermore, manuscripts advancing our understanding of the entire spectrum of biological functions of this family, ranging apparently from immunity and hemostasis to bone formation and brain activity, and the relative contributions of its members to these functions are sought. All types of publications addressing these key challenges—research articles, reviews, and short communications—are invited.

### Guest Editor

Dr. Alexander Y. Tsygankov

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### Deadline for manuscript submissions

closed (20 January 2024)



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### Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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### Editor-in-Chief

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