

Special Issue

From Affinity to Proximity to Interaction: Mass Spectrometry Methods to Study Biomolecular Complexes

Message from the Guest Editor

Biomolecular complexes are at the heart of almost all cellular events. Proteins especially interact with other proteins, but also with DNA, RNA or metabolites, to deliver biological function in a tightly controlled manner. In combination with dedicated biochemical workflows and specific enrichment and separation schemes, mass spectrometry, as a largely unbiased technology, has allowed us to greatly improve our understanding of how biomolecular complexes are organized and how they contribute to cellular processes.

I would like to invite you to celebrate these improvements by contributing to the IJMS Special Issue “From affinity to proximity to interaction: mass spectrometry methods to study biomolecular complexes”. This open access Special Issue will bring together original research and review articles, especially in the fields of interactomics, proximity proteomics and complexome profiling. Other topics may include the study of protein/oligonucleotide complexes, or approaches utilizing analytical approaches complementary to mass spectrometric detection.

Guest Editor

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Deadline for manuscript submissions

closed (28 September 2021)



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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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