



New Approaches in Structural and Biophysical Chemistry to Illuminate Molecular Interactions

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Message from the Guest Editors

Dear Colleagues,

Biomolecular interactions can form a myriad of complexes that can adopt unique architectures, composed of single-to-multi-component molecules, ranging from small chemical moieties of tens of Daltons to supramolecular structures larger than a mega-Dalton.

In this Special Issue of *Molecules*, we will focus on recent developments and applications of novel approaches in structural and biophysical chemistry that aim to study molecular interactions. The development and application of new (bio)chemical probes will be covered, as will new biophysical techniques for uncovering binding-site information and the kinetics of interactions at resolutions that cover the atomic to optical range. Methodological improvements with a focus on improving the sensitivity, specificity or selectivity with which interactions can be monitored are of interest.

Contributions to this Special Issue will be in the form of original research or review articles on novel approaches and their application in chemistry and biology to elucidate molecular interactions.

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Guest Editors



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Special Issue



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Message from the Editor-in-Chief

As the premier open access journal dedicated to experimental organic chemistry, and now in its 25th year of publication, the papers published in *Molecules* span from classical synthetic methodology to natural product isolation and characterization, as well as physicochemical studies and the applications of these molecules as pharmaceuticals, catalysts and novel materials. Pushing the boundaries of the discipline, we invite papers on multidisciplinary topics bridging biochemistry, biophysics and materials science, as well as timely reviews and topical issues on cutting edge fields in all these areas.

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