

## Special Issue

# Protein-Peptide and Protein-Small Molecule Interactions

### Message from the Guest Editor

It is truly a great pleasure to put together a Special Issue on protein-peptide and protein-small molecule interactions. This important, exciting and timely topic has opened up new opportunities in drug discovery. Recently, different and innovative approaches have been developed to study these interactions, achieving important advancements of the basic sciences and medicinal chemistry. Chemists use small molecules (natural or synthetic products) as probes to identify possible therapeutically relevant protein targets. Biochemists and biologists seek to identify the endogenous metabolites that bind to specific proteins. The purpose of this Special Issue is to attract the contribution of different researchers whose activity ranges from the development of biochemical and biophysical methods for detecting and measuring protein-peptide/small molecule interactions in vitro and in living cells, to the study of protein-ligand interfaces and the design of inhibitors, to conclude with computational approaches and internet resources for studying protein interactions.

### Guest Editor

Dr. Paolo Ruzza

Consiglio Nazionale delle Ricerche, Padua Unit, Rome, Italy

### Deadline for manuscript submissions

closed (31 August 2020)



## Molecules

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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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