

## Special Issue

# Mass Spectrometry and Capillary Electrophoresis for the Analysis of Amino-Acids, Peptides and Proteins

### Message from the Guest Editor

Last decade marked significant improvements into interfaces for the coupling of capillary electrophoresis to mass spectrometry, which open new avenue in the field of biochemistry and biomedical sciences. Capillary electrophoresis brings high versatility and high separation power. Its coupling to mass spectrometry provides an additional dimension in terms of selectivity, sensitivity and characterization. Not only amino-acids, peptides but also native proteins or even complexes can finely be interrogated leading to significant progress in fundamental (i.e. protein-ligand and protein-protein interactions), applied (i.e. quality control of medicines) and clinical (i.e. discovery and quantification of biomarkers) areas.

In this context, it is a great pleasure to invite you to contribute to this thematic special issue of *Molecules* on Mass Spectrometry and Capillary Electrophoresis for the Analysis of Amino-acids, Peptides and Proteins that will cover the latest research trends and applications in the field. Submissions of review and original research papers are highly welcome. For review articles, a brief summary is required as preliminary step to avoid overlapping of topics.

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### Guest Editor

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### Deadline for manuscript submissions

closed (30 October 2021)



## 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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