



Advanced Mass Spectrometry for Structural Biology

Guest Editors:

Dr. Sarah Cianferani

1. Laboratoire de Spectrométrie
de Masse BioOrganique (LSMBO),
Université de Strasbourg, IPHC,
25 Rue Becquerel, 67087
Strasbourg, France

2. Infrastructure Nationale de
Protéomique ProFI (FR2048
CNRS CEA), 67087 Strasbourg,
France

Dr. Oscar Hernandez Alba

Laboratoire de Spectrométrie de
Masse BioOrganique (LSMBO),
Université de Strasbourg, IPHC,
25 Rue Becquerel, 67087
Strasbourg, France

Message from the Guest Editors

Dear Colleagues,

Structural mass spectrometry (Structural MS, SMS) has experienced exponential growth in the last decade, driven by a plethora of applications in many areas of structural biology. SMS has entered most structural biology labs, announcing a new coming of age of this field. Many new developments have been realized in native MS, ion mobility MS, labelling-MS, top-down MS, and related software developments for different systems that still are difficult for structural biology. The aim of this Special Issue is to illustrate the potential and future challenges of SMS in structural biology.

Dr. Sarah Cianferani
Dr. Oscar Hernandez Alba
Guest Editors

Deadline for manuscript
submissions:

closed (31 July 2022)





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

Institute of Pharmaceutical
Biology and Phytochemistry,
University of Münster,
Corrensstrasse 48, D-48149
Münster, Germany

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.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [MEDLINE](#), [PMC](#), [Reaxys](#), [CaPlus / SciFinder](#), [MarinLit](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Chemistry, Multidisciplinary*) / CiteScore - Q1 (*Chemistry (miscellaneous)*)

Contact Us

Molecules Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/molecules
molecules@mdpi.com
[X@Molecules_MDPI](https://twitter.com/X@Molecules_MDPI)