



Solid Phase Extraction: State of the Art and Future Perspectives

Guest Editor:

Prof. Dr. Victoria Samanidou

Laboratory of Analytical
Chemistry, School of Chemistry,
Aristotle University of
Thessaloniki, 54124 Thessaloniki,
Greece

Deadline for manuscript
submissions:

closed (28 February 2019)

Message from the Guest Editor

Dear Colleagues,

Beyond any doubt, sample preparation is the most important step prior to sample analysis. It is the step that can guarantee an accurate and rapidly obtained result if applied in a correct manner. Due to the fact that it usually involves more than one step, it is tedious, time consuming, and any potential errors will accumulate and yield an erroneous outcome.

Solid phase extraction (SPE) has been a determinative player in the challenge of chemical analysis during the last decades. In the meantime, many sample preparation approaches have been evolved trying to replace it by promising better and “greener” performance. However, SPE still plays a key role in method development, and advanced sorbent technology can re-orient the traditional approach to new perspectives. This Special Issue aims to review the state of the art of this sample preparation technique and also describe the recent and future advances.

Prof. Dr. Victoria F. Samanidou
Guest Editor





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 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)

Contact Us

Molecules Editorial Office
MDPI, Grosspeteranlage 5
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/Molecules_MDPI)