

## Special Issue

# Development of Spectrochemical Imaging with Infrared and Raman Techniques

### Message from the Guest Editor

Infrared and Raman imaging are exciting analytical techniques that allow us to answer the question of what chemical species are present in a sample, and furthermore, these techniques can also tell us how much of a species is present and, even more importantly, where it is located. Combining spectroscopic techniques with microscopic and macroscopic imaging capabilities opens up the possibility of answering these questions with a single measurement. This results in the possibility of chemical imaging with which spatial and spectral information of samples can be obtained with high speed and spatial and spectral resolution. Thus, this method allows us to perform detailed analysis of complex heterogeneous samples. Due to the rapid development of the speed of data analysis and the improvement of the technical components of imaging equipment, this technology is constantly opening up new possibilities, to which we would like to devote special attention in this Special Issue.

---

### Guest Editor

Prof. Dr. Marc Brecht  
Institute of Physical and Theoretical Chemistry, Universitat Tübingen,  
Tübingen, Germany

---

### Deadline for manuscript submissions

closed (1 June 2023)



## Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.1  
CiteScore 10.3  
Indexed in PubMed



[mdpi.com/si/104791](https://mdpi.com/si/104791)

*Molecules*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[molecules@mdpi.com](mailto:molecules@mdpi.com)

[mdpi.com/journal/  
molecules](https://mdpi.com/journal/molecules)





# Molecules

---

an Open Access Journal  
by MDPI

---

Impact Factor 5.1  
CiteScore 10.3  
Indexed in PubMed



[mdpi.com/journal/  
molecules](https://mdpi.com/journal/molecules)



## About the Journal

### Message from the Editor-in-Chief

As the premier open access journal dedicated to molecular chemistry, now in its 30th 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 all major fields of molecular chemistry and multidisciplinary topics bridging chemistry with biology, physics, and materials science, as well as timely reviews and topical issues on cutting-edge fields in all of these areas.

---

### Editor-in-Chief

Prof. Dr. Thomas J. Schmidt

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

---

### Author Benefits

#### 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)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 15.6 days after submission; acceptance to publication is undertaken in 3.4 days (median values for papers published in this journal in the first half of 2026).