

## Special Issue

# Application of Spectroscopy for Drugs

### Message from the Guest Editor

Spectroscopy is a powerful analytical technique used extensively in the pharmaceutical industry for various purposes, including drug discovery, development, and quality control. Its application in drugs spans from elucidating molecular structures to ensuring the specificity, efficacy, and safety of products. Many spectroscopy techniques such as Nuclear Magnetic Resonance (NMR) Spectroscopy, Infrared (IR) Spectroscopy, Ultraviolet–Visible (UV–Vis) Spectroscopy, Mass Spectrometry (MS), Fluorescence Spectroscopy, and Raman Spectroscopy have been playing important roles in drug discovery and development. This Special Issue will offer a forum to present papers focused on the application of Spectroscopy for Drugs. We kindly invite you to contribute a research paper, rapid communication, perspective, or review article on your latest research activities in the aforementioned field.

### Guest Editor

Dr. Congbao Kang

Experimental Drug Development Centre, Agency for Science, Technology and Research, Singapore, Singapore

### Deadline for manuscript submissions

31 August 2025



## Molecules

an Open Access Journal  
by MDPI

Impact Factor 4.6  
CiteScore 8.6  
Indexed in PubMed



[mdpi.com/si/195877](https://mdpi.com/si/195877)

*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 4.6  
CiteScore 8.6  
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 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.

---

### 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 16.1 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).