

Special Issue

Luminescent Techniques – Effective Tools in the Search for Novel, Biologically Active Agents

Message from the Guest Editors

Over the past few decades, fluorescent/luminescent techniques have made their way to the top, leaving classical radioligand assays far behind in terms of safety, efficacy, reliability, and accessibility. But what tips the balance is their versatility in being used on both sides of the membrane. It might be either a fluorescent probe used in BRET-based binding studies or a technique that allows for real-time monitoring of specific pathways in response to a ligand. All of them meet the need of current drug development for selective, biased ligands with reduced adverse effects. In this Special Issue, we invite researchers to literally shed some light on the vast, yet still increasing field of fluorescent/luminescent techniques. Regardless of what side of the membrane you are studying, share your original research with us.

Guest Editors

Dr. Kamil Kuder

Department of Technology and Biotechnology of Drugs, Jagiellonian University Medical College, Medyczna 9, 30-688 Kraków, Poland

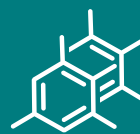
Dr. Katarzyna Szczepanska

1. Department of Medicinal Chemistry, Institute of Pharmacology Polish Academy of Sciences, Kraków, Poland

2. Department of Technology and Biotechnology of Drugs, Faculty of Pharmacy, Jagiellonian University Medical College, Kraków, Poland

Deadline for manuscript submissions

closed (28 February 2022)



Molecules

an Open Access Journal
by MDPI

Impact Factor 4.6
CiteScore 8.6
Indexed in PubMed



mdpi.com/si/80455

Molecules
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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).