

Special Issue

Chemosensors in Biological Challenges

Message from the Guest Editors

This Special Issue comprises selected papers related to topics in chemosensors in biological challenges. The Special Issue is based on the conference Chemical Sciences in Biological Challenges. The Chemical Sciences in Biological Challenges combines life and health sciences with bio- and natural sciences. In this Special Issue, chemosensors meet the challenges of biological environments from the perspective of drug development, environmental sciences as well as the circular economy.

The use of the chemical method and applications in biological questions, including but not limited to:

Bioanalytical chemistry;
Electrochemical devices and sensors;
Optical chemical sensors;
Imaging;
Spectroscopy;
Analytical apparatus;
Quantitative analysis;
microfluidic devices; lab-on-a-chip, single molecule sensing;
nanosensors; medical analyzers;
gas sensors; electronic nose; electronic tongue;
pH sensors; humidity sensor

Guest Editors

Dr. Juri M. Timonen

1. Division of Pharmaceutical Chemistry and Technology, Faculty of Pharmacy, University of Helsinki, P.O. 56 (Viikinkaari 5 E), 00014 Helsinki, Finland

2. School of Pharmacy, Faculty of Health Sciences, University of Eastern Finland, P.O. Box 1627, FI-70211 Kuopio, Finland

Dr. Petri A. Turhanen

School of Pharmacy, Faculty of Health Sciences, University of Eastern Finland, P.O. Box 1627, FI-70211 Kuopio, Finland

Deadline for manuscript submissions

closed (31 May 2023)



Chemosensors

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 7.3



mdpi.com/si/100845

Chemosensors
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
chemosensors@mdpi.com

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





Chemosensors

an Open Access Journal
by MDPI

Impact Factor 3.7
CiteScore 7.3



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



About the Journal

Message from the Editorial Board

Chemosensors continues to grow as a forum for all manners of sensing that encompass chemistry. *Chemosensors* is published in open access format – all articles and content are released on the internet immediately following acceptance, thus allowing unlimited access to the content as soon as it is published. We would be happy to have you join our growing list of authors.

Editors-in-Chief

Prof. Dr. Jin-Ming Lin

Beijing Key Laboratory of Microanalytical Methods and Instrumentation,
Department of Chemistry, Tsinghua University, Beijing 100084, China

Prof. Dr. Nicole Jaffrezic-Renault

Institute of UTINAM, University of Franche-Comté, UMR-CNRS 6213, 16
Gray Road, 25030 Besançon, France

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPus /
SciFinder, Inspec, Engineering Village and other
databases.

Journal Rank:

JCR - Q2 (Instruments and Instrumentation) / CiteScore -
Q1 (Physical and Theoretical Chemistry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is
provided to authors approximately 20.5 days after
submission; acceptance to publication is undertaken in 2.8
days (median values for papers published in this journal in
the first half of 2025).