chemosensors

an Open Access Journal by MDPI

IMPACT FACTOR 4.2

CITESCORE 3.9

Electrochemical Immunosensor

Guest Editor:

Dr. Mehmet Senel
Department of Pharmaceutical Sciences, University of California, Irvine, CA 92697-4625, USA

Deadline for manuscript submissions:
closed (15 September 2021)

Message from the Guest Editor

Dear colleagues,

Electrochemical immunosensors are based on the interactions between antibody and antigen. Antibody or antigen can both be analytes in this type of biosensor. Due to strong affinity and binding forces between antibody and antigen, immunosensors are highly selective and sensitive. Different types of electrochemical transducers are used for signal measurements such as potentiometry, amperometry, impedimetric, and conductometry. Among the immunosensors, electrochemical immunosensors can be miniaturized and used for point-of-care testing due to its simplicity.

The Special Issue will be a forum for the latest research activities in the field of the electrochemical biosensors and their applications.
Both review articles and research papers are welcome.

Dr. Mehmet Senel
Guest Editor

chemosensors

IMPACT FACTOR 4.2

CITESCORE 3.9

an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Nicole Jaffrezic-Renault

Institute of Analytical Sciences, UMR CNRS 5280, Department LSA, 5 Rue de La Doua, 69100 Villeurbanne, France

Message from the Editor-in-Chief

Chemosensors is an international, scientific, open access journal on the science and technology of chemical sensors published by MDPI. All articles are released on the internet immediately following acceptance. The journal publishes reviews, regular research papers, and communications. The scope of Chemosensors includes:

New chemical sensors design

Electrochemical devices, potentiometric sensor, redox electrode

Optical chemical sensors

Analytical methods

Environmental monitoring

Gas detectors

electronic nose, etc.

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), CAPlus / SciFinder, Inspec, and other databases.

Journal Rank: JCR - Q1 (*Instruments & Instrumentation)* / CiteScore - Q2 (*Analytical Chemistry*)

Contact Us

Chemosensors Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/chemosensors
chemosensors@mdpi.com
𝕏@chemosens_MDPI