

Special Issue

Recent Research on Electrochemical Bioassays

Message from the Guest Editor

The combination between nanostructured biosensors and microfluidic systems provides powerful analytical platforms for point of care (POC) applications, especially for the fast detection of pathogens such as viruses and bacteria. This Special Issue, entitled "Recent Research on Electrochemical Bioassays," is dedicated to the latest achievements in the field of electrochemical biosensors for pathogen detection. Topics include, but are not limited to:

- Materials that are used in the transducer layer for signal amplification: carbonaceous materials (carbon nanotubes, graphene, etc), metal nanoparticles and nanowires
- Innovative immobilization techniques for DNA, RNA, peptide, enzyme, and antibody probes
- Affinity and enzymatic assay formats, labelled or non-labelled approaches
- Miniaturized biosensing devices aiming POC applications

Guest Editor

Dr. Mihaela Puiu

Department of Physical Chemistry University of Bucharest, 030018-Bucharest, Romania

Deadline for manuscript submissions

closed (10 March 2022)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/51627

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

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





Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



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



About the Journal

Message from the Editor-in-Chief

You are invited to contribute either a research article or a comprehensive review for consideration and publication in *Processes* (ISSN 2227-9717). *Processes* is published in open access format – research articles, reviews, and other content are released on the internet immediately after acceptance. The scientific community and the general public have unlimited, free access to the content. As an open access journal, *Processes* is supported by the authors and their institutes through the payment of article processing charges (APCs) for accepted papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

Department of Drug Science and Technology, University of Turin, Via P. Giuria 9, 10125 Turin, Italy

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), Ei Compendex, Inspec, AGRIS, and other databases.

Journal Rank:

CiteScore - Q2 (Chemical Engineering (miscellaneous))