



processes



an Open Access Journal by MDPI

Knowledge-Based Control and Modelling of Bioprocesses

Guest Editor:

Prof. Dr. Karel Melzoch

Department of Biotechnology,
University of Chemistry and
Technology, Prague, Technická 5,
16628 Prague 6, Czech Republic

Deadline for manuscript
submissions:

closed (15 November 2021)

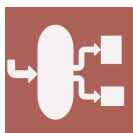
Message from the Guest Editor

The current biotechnology industry contributes significantly to increasing the global economy. Its growth is mainly attributed to a deep understanding of biological systems, supported by the development of "omics" technologies and the growing demand for biotechnological products such as biopharmaceuticals, vaccines or biofuels. Today, it is an innovative market, and there is growing business pressure for faster and cheaper bioproduct production. Improvements in data digitization and analysis have been identified as key strategic actions for the coming years to meet these challenges. The implementation of knowledge-based control and modeling in various bioprocess presents a corresponding future vision for the biotechnology industry to achieve the goals of Industry 4.0.



mdpi.com/si/69017

Special Issue



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giancarlo Cravotto

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

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.

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))

Contact Us

Processes Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

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

mdpi.com/journal/processes
processes@mdpi.com
[X@Processes_MDPI](https://twitter.com/Processes_MDPI)