

Special Issue

Measurement Technologies for up- and Downstream Bioprocessing

Message from the Guest Editor

This Special Issue on “Measurement Technologies for Up- and Downstream Bioprocessing” is devoted to the recent developments in new measurement technologies toward these purposes. The currently unfolding developments—with new biological products for cell and gene therapy, and for treatments with monoclonal antibodies—also calls for new solutions regarding measurement technology. Examples of relevant topics may include:

- Novel optical methods with the capability of measuring minute impurity quantities;
- Imaging methods for timely measurement of the state of cells in a bioreactor culture;
- Measurement devices for at-line monitoring of critical quality attributes of the bioprocess;
- Machine learning strategies as a means to capture hidden information from real-time measurements;
- Measurement technologies for up- and downstream processes that favor the integration of a bioprocess.

Guest Editor

Prof. Dr. Carl-Fredrik Mandenius
Division of Biotechnology, IFM, Linköping University, SE-581 83
Linköping, Sweden

Deadline for manuscript submissions

closed (31 October 2020)



Processes

an Open Access Journal
by MDPI

Impact Factor 2.8
CiteScore 5.5



mdpi.com/si/33856

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))