Special Issue

Modeling & Control of Disease States

Message from the Guest Editors

This Special Issue on "Modeling and Control of Disease States" aims to curate novel advances in the development and application of computational modeling to address longstanding challenges in translational medicine and disease treatment. Topics include, but are not limited to:

- Development of new disease-specific models to guide therapy;
- Diagnosis, or design of therapeutic strategies, that makes use of model predictions;
- Integration of open-loop or closed-loop control to drive disease responses toward healthy ones; and
- The development of species-specific or patientspecific models to guide translation and personalization.

Guest Editors

Dr. Neda Bagheri

Chemical & Biological Engineering, McCormick School of Engineering Northwestern University, Evanston, IL 60208, USA

Dr. Jason Shoemaker

- 1. Department of Chemical and Petroleum Engineering, University of Pittsburgh, Pittsburgh, PA, USA
- 2. Department of Computational & Systems Biology, University of Pittsburgh, Pittsburgh, PA, USA

Deadline for manuscript submissions

closed (30 June 2018)



Processes

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.5



mdpi.com/si/10083

Processes
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

processes@mdpi.com/ mdpi.com/journal/ processes

Tel: +41 61 683 77 34





Processes

an Open Access Journal by MDPI

Impact Factor 2.8 CiteScore 5.5



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))

