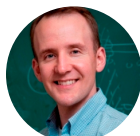TRACKED FOR
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FACTOR**

Methods in Computational Biology

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Deadline for manuscript
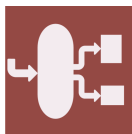submissions:
30 April 2018

Message from the Guest Editors

The focus of this special issue is methods in computational
biology which can extract and test theory using large
datasets. A primary goal of this issue is the communication
of computational biology methods with enough detail to
permit reproduction of results. Topics of interest span the
gamut of fundamental and applied biology and can
include analyses of medical, environmental and
bioprocess systems. Modeling approaches of interest
include, but are not limited to, flux balance analysis,
elementary flux mode analysis, agent-based modeling as
well as other dynamic modeling approaches. Papers
combining experimental and computational studies are
highly encouraged as are manuscripts that propose
standards for model writing, storage and distribution. This
issue aims to integrate highly interdisciplinary researchers
such as biologists, computer scientists, engineers and
mathematicians who focus on advances in biological
systems analysis.

The issue is coordinated with the Metabolic Pathway
Analysis 2017 conference held in Bozeman MT and select
IMAG MultiScale Modeling (MSM) working groups.

Special Issue

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Aims and Scope

Processes (ISSN 2227-9717) is an open access journal that provides an advanced forum for studies concerning process related research in chemistry, biology, and allied engineering fields. Our goals are to publish high impact articles of broad interest to the process systems community and to serve as a forum for major developments in process/systems research. The journal publishes regular research papers, communications, letters, short notes, and reviews. There are no restrictions on the length of published articles or on the use of color illustrations. All submitted manuscripts undergo rigorous peer review prior to publication.

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Rapid publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 20 days after submission; acceptance to publication is undertaken in 6.6 days (median values for papers published in this journal in 2017).

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