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Model-Based Tools for Pharmaceutical Manufacturing Processes

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Deadline for manuscript
submissions:

closed (30 September 2019)

Message from the Guest Editors

This Special Issue on “Model-Based Tools for Pharmaceutical Manufacturing Processes” intends to curate novel advances in the development and application of model-based tools to address ever-present challenges of the traditional pharmaceutical manufacturing practice. Topics include, but are not limited to:

- Development of new modeling concepts for pharmaceutical manufacturing at different levels of aggregation (phenomena, unit operation, plant-wide);
- Design and optimization of pharmaceutical processes based on the derived models;
- Process intensification, robustification, and flexibilization of multipurpose pharmaceutical manufacturing platforms;
- Hybrid modeling combining classical first-principles models with (big) data-driven concepts
- Process control, monitoring and fault detection in pharmaceutical industry



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Special Issue



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Message from the Editor-in-Chief

Processes (ISSN 2227-9717) provides an advanced forum for process/system-related research in chemistry, biology, material, energy, environment, food, pharmaceutical, manufacturing and allied engineering fields. The journal publishes regular research papers, communications, letters, short notes and reviews. Our aim is to encourage researchers to publish their experimental, theoretical and computational results in as much detail as necessary. There is no restriction on paper length or number of figures and tables.

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