

## Special Issue

# Application of Process Systems Engineering in Continuous Pharmaceutical and Biopharmaceutical Manufacturing

### Message from the Guest Editor

This Special Issue on “Application of Process Systems Engineering in Continuous Pharmaceutical and Biopharmaceutical Manufacturing” aims to collect high-quality research studies addressing challenges in adapting the continuous pharmaceutical manufacturing process. The submission of manuscripts demonstrating the importance of system engineering to further modernize the continuous pharmaceutical manufacturing process is highly encouraged. Manuscripts related to both finished solid-dose products (tablets and capsules) and substances (API) will be considered for publication. Topics include, but are not limited to, the following:

- Design and operation of the continuous pharmaceutical manufacturing process;
- Dynamic modeling and simulation of continuous and/or batch pharmaceutical manufacturing processes;
- Optimization of the continuous pharmaceutical manufacturing process;
- Control of the continuous pharmaceutical manufacturing process;
- Process analytical technology (PAT);
- Quality by Design (QbD);
- Data science of the continuous pharmaceutical manufacturing process;
- Material characterization and pharmaceutical databases.

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### Guest Editor

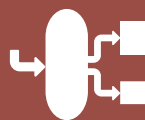
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### Deadline for manuscript submissions

10 April 2025



## Processes

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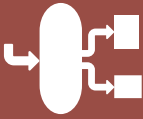


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### Message from the Editor-in-Chief

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.

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### Editor-in-Chief

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