

## Special Issue

# Computational Modeling for Metabolic Pathway Engineering

### Message from the Guest Editors

We invite authors to submit research and review articles from various computational modeling aspects of metabolic pathway engineering to this Special Issue. The topics of interest may cover:

- Construction of computational models of metabolism for metabolic engineering applications;
- Applying metabolic models for the production of metabolites or chemical compounds of particular interest, drugs, and vaccines;
- Using metabolic models for optimizing media composition for improved metabolite yield;
- Development of analysis pipeline for prediction and ranking of potential genetic and environmental modifications for pathway engineering;
- Development of computational algorithms and tools for integration of high-throughput data with computational models.

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### Guest Editors

Dr. Bhanwar Lal Puniya

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Biomolecular Analysis Facility, University of Virginia, School of Medicine, Charlottesville, VA, USA

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### Deadline for manuscript submissions

closed (31 March 2021)



## Bioengineering

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## About the Journal

### Message from the Editor-in-Chief

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### Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

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