

## Special Issue

# Bioprocess Engineering for Advanced Therapeutic Medicinal Products (ATMPs)

### Message from the Guest Editor

This Special issue invites contributions on the process development of ATMPs. The scope covers theoretical and practical investigation of ATMP bioprocessing either in up- or downstream process development. As vaccines are not considered as ATMPs, papers related to vaccine process development are not within the scope of this issue. This Special Issue is open for comprehensive review and original research papers and addresses the following topics:

- Up- and downstream development for ATMPs, including adaption of existing processes and process intensification;
- Manufacturing challenges;
- Theoretical process set-up (bioengineering calculations, CFD simulations);
- Novel bioreactor systems;
- Innovative downstream strategies;
- Online monitoring tools and process automation;
- Solution for major technical bottlenecks related to ATMP bioprocessing.

I look forward to your contributions and all the efforts taken in the process development and the manufacturing of advanced therapeutic medicinal products.

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### Guest Editor

Prof. Dr. Denise Salzig

Institute of Bioprocess Engineering and Pharmaceutical Technology,  
University of Applied Sciences Mittelhessen, Wiesenstrasse 14, 35390  
Giessen, Germany

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### Deadline for manuscript submissions

closed (31 May 2022)



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*Bioengineering*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[bioengineering@mdpi.com](mailto:bioengineering@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

Department of Biomedical Engineering, Texas A&M University, College Station, TX 77843, USA

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