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Advanced 3D Cell Culture Techniques in Micro-Bioreactors

Guest Editors:

Prof. Dr. Eric Gottwald
Institute of Functional Interfaces, Karlsruhe Institute of Technology, Karlsruhe 76021, Germany

eric.gottwald@kit.edu

Dr. Brigitte Altmann
G.E.R.N. Center for Tissue Replacement, Regeneration and Neogenesis, Department of Prosthetic Dentistry, Medical Center - University of Freiburg, Freiburg 79108, Germany

brigitte.altmann@ uniklinik-freiburg.de

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Message from the Guest Editors

With this Special Issue of *Processes*, we aim to give an overview of the current developments in 3D culture-based micro-bioreactor systems and their corresponding in vitro models, as well as their potential applications. Topics include, but are not limited to, the following:

- Transferring 2D-cultures into 3D;
- Applying an active flow;
- Combining different cell types for advanced 3D co-culture models;
- Miniaturization of cultures, e.g., for organ-on-a-chip devices;
- High-content-/high-throughput-capable micro-bioreactors;
- Micro-bioreactors in basic research;
- Micro-bioreactors as test beds in drug development;
- Micro-bioreactors for personalized medicine applications.

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Special Issue

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Editor-in-Chief

Prof. Dr. Michael A. Henson
Department of Chemical Engineering and the Institute for Applied Life Sciences, University of Massachusetts Amherst, N527 Life Sciences Laboratories, 240 Thatcher Way, Amherst, MA 01003, USA

Message from the Editor-in-Chief

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Processes
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
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