

Special Issue

3D Cell Culture Systems: Current Technologies and Applications

Message from the Guest Editor

We are pleased to invite you to contribute to our Special Issue on "3D Cell Culture Systems: Current Technologies and Applications". The field of 3D cell culture systems has seen significant advancements in recent years, providing more physiologically relevant models compared to traditional 2D cultures. These systems are crucial for better understanding cell behavior, drug responses, and tissue engineering applications. The importance of this research area lies in its potential to revolutionize biomedical research and therapeutic development, offering more accurate models for studying diseases and testing new treatments. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following:

- The development and optimization of 3D cell culture technologies;
- Applications of 3D cell cultures in drug discovery and development;
- Comparative studies between 2D and 3D cell culture systems;
- Advances in biomaterials and scaffolds for 3D cultures;
- High-throughput screening and imaging technologies for 3D cultures.

We look forward to receiving your contributions and working together to create a valuable resource.

Guest Editor

Dr. Peggy Stock

Department of Visceral, Transplant, Thoracic and Vascular Surgery,
University of Leipzig Medical Center, 04103 Leipzig, Germany

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Bioengineering
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
bioengineering@mdpi.com

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About the Journal

Message from the Editor-in-Chief

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Bioengineering* (ISSN 2306-5354). *Bioengineering* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. *Bioengineering* provides an advanced forum for the science and technology of bioengineering. We would be pleased to welcome you as one of our authors.

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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