

Special Issue

2D and 3D Culture Systems: Current Trends and Biomedical Applications

Message from the Guest Editors

This Special Issue will address recent advances in 2D and 3D in vitro cultures, exploring current trends and innovative biomedical applications. We are seeking submissions that discuss the latest techniques and highlight the implications of these advances in biomedical research, including disease modeling (e.g., cancer), drug testing and screening, tissue morphology and engineering, and regenerative therapies. Emerging technologies driving the evolution of these culture systems, promoting a deeper understanding of cellular processes and opening new possibilities for clinical applications will also be explored. In summary, the issue provides a holistic and updated view of 2D and 3D in vitro cultures, consolidating essential information for researchers and professionals involved in biomedicine. The original articles and Reviews that focused on 3D cell cultures and those comparing results between 2D and 3D models are particularly welcomed. Studies concerning spheroids obtained through ex vivo propagation from individual patients (organoids) are also encouraged.

Guest Editors

Dr. Juliana Mara Serpeloni

Prof. Dr. Colus Ilce Mara

Dr. Diego Luís Ribeiro

Deadline for manuscript submissions

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Message from the Editor-in-Chief

Because of your expertise in the field of drug sciences, I kindly invite you to consider publishing your current work, in the form of a research article or a review, in the open access electronic journal *Pharmaceuticals*. *Pharmaceuticals* is characterized by an active editorial board and a dynamic editorial staff. Manuscripts are peer-reviewed and a final decision is provided to authors within 4–6 weeks after submission. Papers are published on the web immediately after acceptance. For details on the submission process or any other matter, please do not hesitate to contact us. We hope to handle your contribution to *Pharmaceuticals* soon.

Editor-in-Chief

Prof. Dr. Amélia Pilar Rauter

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