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

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Message from the Guest Editors

Dear Colleagues,

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.

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Special Issue



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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*.

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We hope to handle your contribution to *Pharmaceuticals* soon.

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