



Engineered Microenvironments for 3D Cell Culture and Regenerative Medicine

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Message from the Guest Editor

The Special Issue on the “Engineered microenvironments for 3D cell culture and regenerative medicine” is open for the original papers and reviews. The topics and themes of this unique collection will include but not limited to, the following:

- Quantitative studies revealing the role of multiple controlled interacting factors in cell biological behaviour modulation in the context of normal and pathological tissue growth.
- Comparative studies of different types of engineered 3D cell culture microenvironments.
- Biological accuracy and relevance of 3D engineered cell culture microenvironments.
- Industrial applications and clinical translation of the results obtained using 3D engineered cell culture microenvironments.
- Advanced and innovative research applications of 3D engineered cell culture microenvironments.
- Reconstruction of functional tissues for regenerative medicine applications.
- Methodology for the analysis of the biological, physical, chemical, and material parameters of 3D engineered microenvironments for cell culture and regenerative medicine.





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Message from the Editor-in-Chief

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Rapid Publication: manuscripts are peer-reviewed and a first decision is provided to authors approximately 19.2 days after submission; acceptance to publication is undertaken in 3.3 days (median values for papers published in this journal in the first half of 2025).

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