

## Special Issue

# Stem Cell Culture and Development of Tissue Engineered Models

### Message from the Guest Editor

We are pleased to announce a Special Issue on "Stem Cell Culture and Development of Tissue Engineered Models", dedicated to advancing our understanding of stem cell biology and its translation into innovative in vitro systems. This issue will highlight recent progress in stem cell culture technologies, bioengineering strategies, and the development of physiologically relevant tissue and organ models. By bringing together contributions from stem cell biologists, bioengineers, clinicians, and material scientists, this collection aims to foster interdisciplinary collaboration and accelerate the design of next-generation models for disease research, drug discovery, and regenerative medicine. We invite original research articles, reviews, and perspectives that showcase novel approaches, methodologies, and applications in this rapidly evolving field.

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### Guest Editor

Dr. Giuseppe Pettinato

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### Deadline for manuscript submissions

28 February 2026



**Bioengineering**

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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.

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### Editor-in-Chief

Prof. Dr. Anthony Guiseppi-Elie

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