

Special Issue

Stem Cells, Tissue Engineering and Modelling

Message from the Guest Editor

This Special Issue will look at the interface between the emerging and fast-evolving fields of biomimetic materials and regenerative medicine. Among the subjects covered, papers could present novel synthetic or natural materials with the potential to enhance stem cell-based approaches for tissue modelling, engineering, or repair. Evidence from both in vitro and in vivo studies is welcome, including but not limited to 3D cell and tissue modelling, cell–material interactions, and innovative imaging approaches. Stem cell models considered can include human, animal, embryonic, tissue-derived, and pluripotent or progenitor-like cells, and may also extend to cancer stem cells if related to a biological outcome.

Guest Editor

Dr. Virginie Sottile

Immunology and General Pathology Unit, Department of Molecular Medicine, University of Pavia, 27100 Pavia, Italy

Deadline for manuscript submissions

closed (30 September 2020)



Biomimetics

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 4.2
Indexed in PubMed



mdpi.com/si/35668

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

[mdpi.com/journal/
biomimetics](https://mdpi.com/journal/biomimetics)





Biomimetics

an Open Access Journal
by MDPI

Impact Factor 3.9
CiteScore 4.2
Indexed in PubMed



[mdpi.com/journal/
biomimetics](https://mdpi.com/journal/biomimetics)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Stanislav N. Gorb

Department of Functional Morphology and Biomechanics, Zoological
Institute, Kiel University, 24118 Kiel, Germany

Author Benefits

High Visibility:

indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Ei Compendex, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q2
(Biomedical Engineering)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.1 days after submission; acceptance to publication is undertaken in 2.8 days (median values for papers published in this journal in the first half of 2025).