

## Special Issue

# Next-Generation 3D Bioprinting and Additive Manufacturing: From Digital Design to Functional Biomimetic Systems

### Message from the Guest Editors

This Special Issue explores the next generation of additive manufacturing technologies, focusing on the full workflow from digital design to the realization of functional systems. Particular attention will be given to innovations in 3D printing and bioprinting that enable the fabrication of complex, bioinspired structures and materials. We request papers addressing advances in printable biomaterials, design methodologies, multi-material integration, and functional characterization. This Special Issue will bridge the gap between conceptual modeling and real-world applications in biomedical engineering, soft robotics, and smart devices.

### Guest Editors

Dr. Jesús Manuel Rodríguez Rego

Dr. Alfonso Carlos Marcos Romero

Prof. Dr. Silvia María Díaz Prado

### Deadline for manuscript submissions

28 February 2026



## Biomimetics

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*Biomimetics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[biomimetics@mdpi.com](mailto:biomimetics@mdpi.com)

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## About the Journal

### Message from the Editor-in-Chief

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#### Editor-in-Chief

Prof. Dr. Stanislav N. Gorb

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

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