

Special Issue

Biomolecules and Biomaterials for Tissue Engineering

Message from the Guest Editor

Tracing back to its roots in the 1990s, tissue engineering has had a transformative trajectory in fields such as regenerative medicine, drug testing, and disease modeling. At the heart of this evolution are biomolecules and biomaterials, intricate components that steer cellular behavior and subsequently enable the fabrication of functional, biomimetic tissues. This Special Issue underscores the crucial need for a more profound understanding of biomolecules and biomaterials and their diverse roles within tissue engineering. Our focus encompasses the development of novel biomolecules and biomaterials; their applications, including bioprinting; and the innovative strategies involved in their modification. These key topics will be complemented by studies featuring cutting-edge tools and techniques facilitating such progress. Through this exploration, our Special Issue aims to offer deep insights into the significance of biomolecules and biomaterials, highlighting their role as critical catalysts driving progress in tissue engineering. We warmly invite your valuable contributions—original research or reviews—that will enrich this vital discourse.

Guest Editor

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About the Journal

Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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