

Special Issue

Research Progress of Biocompatibility and Biocompatible Materials

Message from the Guest Editors

The development of biocompatible materials has emerged as a promising field in healthcare, offering innovative solutions research in multiple areas including regenerative medicine, biosensors, polymer chemistry, biochemistry, nanotechnology, stem cell therapy, molecular biology, and pharmacology. With the emergence of new biocompatible materials, new advanced surface and bulk modification methods, and their innovative applications, new challenges must be faced and overcome to bring them to a higher scientific and technical level. This Special Issue aims to highlight the recent progress of biocompatible materials, their biological evaluation methods, and also the characteristics of biocompatibility evaluation for novel biomaterials, including animal-derived materials, nanomaterials, tissue-engineered products, polymers, metals, and ceramics. Furthermore, the processing–structure–property relationship of biocompatible materials as well as their innovative applications in the healthcare field will also be of great interest.

Guest Editors

Dr. Francesco Lopresti

Department of Engineering, University of Palermo, Viale delle Scienze, Ed. 6, 90128 Palermo, Italy

Dr. Bernardo Patella

Applied Physical Chemistry Lab, Department of Engineering, University of Palermo, 90128 Palermo, Italy

Deadline for manuscript submissions

closed (31 March 2025)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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4052 Basel, Switzerland
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Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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