

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.

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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