

Special Issue

Biomaterials for Soft and Hard Tissue Regeneration 2.0

Message from the Guest Editors

The regeneration of hard and soft tissues aided by biomaterials is of great clinical relevance. A variety of biomaterials for both soft and hard tissue indications are already available as well as a large number of adaptations that are continually being developed. Moreover, radically new and smart materials as well as manufacturing methods are in the focus of biomaterial research. Altogether, these biomaterials are engineered to be bioactive or bioresorbable, whilst also promoting tissue regeneration to the state of a *restitutio ad integrum*. In this special issue, we would like to present new insights into the underlying cellular and molecular interactions of biomaterials for hard and soft tissue regeneration. Particularly, this special issue seeks for studies describing radically new and smart materials, innovative material processing techniques as well as interactions of materials of both classes with the immune system and relations of immune responses to biomaterials with healing processes. Thus, contributions on new biomaterials for hard and soft tissue regeneration and cellular or molecular interactions with biomaterials are welcome.

Guest Editors

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Dr. Ole Jung

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Deadline for manuscript submissions

closed (30 April 2022)



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Message from the Editor-in-Chief

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.

Editor-in-Chief

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