



life



an Open Access Journal by MDPI

Biodegradable Biomaterials and Metallic Implants in Tissue Engineering

Guest Editors:

Dr. Ole Jung

Clinic and Policlinic for
Dermatology and Venereology,
University Medical Center
Rostock, 18057 Rostock,
Germany

Prof. Dr. Steffen Emmert

Clinic for Dermatology and
Venereology, Rostock University
Medical Center, Strepelstr. 13,
18057 Rostock, Germany

Dr. Mike Barbeck

Clinic and Policlinic for
Dermatology and Venereology,
University Medical Center
Rostock, 18057 Rostock,
Germany

Deadline for manuscript
submissions:

closed (10 June 2022)

Message from the Guest Editors

Dear Colleagues,

A broad variety of biodegradable biomaterials based on both natural and synthetic origin are already on the market. Interestingly, knowledge of different material-associated processes. New materials in this field are steadily being developed to surpass or extend the biofunctionality of previous materials or material classes.

Developing and testing these future material classes poses new challenges to a variety of scientific disciplines such as materials science, biology and medicine, with its various specialties.

The present Special Issue focuses on new findings about old and new biomaterials from various application areas, on the (bio-) functionality of new material, and on new developments in the field of biodegradable metals. We invite contributions of reviews and/or original papers reporting new results, including in vitro and in vivo analyses, as well as clinical studies, with a focus on new material, biological or medical insights.

Dr. Ole Jung
Prof. Dr. Steffen Emmert
Dr. Mike Barbeck
Guest Editors



mdpi.com/si/103664

Special Issue



life



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Lluís Ribas de Pouplana

Institute for Research in
Biomedicine (IRB Barcelona), The
Barcelona Institute of Science
and Technology, 08028
Barcelona, Spain

Message from the Editor-in-Chief

Life (ISSN 2075-1729) is an international, peer-reviewed open access journal that publishes scientific studies related to fundamental themes in life sciences. Some papers are published individually, while others are submitted for inclusion in special issues with guest editors. You are invited to contribute a research article, essay, or a review to be considered for publication.

Author Benefits

Open Access: free for readers, with [article processing charges \(APC\)](#) paid by authors or their institutions.

High Visibility: indexed within [Scopus](#), [SCIE \(Web of Science\)](#), [PubMed](#), [PMC](#), [CAPus / SciFinder](#), [AGRIS](#), and [other databases](#).

Journal Rank: JCR - Q2 (*Biology*) / CiteScore - Q2 (*Paleontology*)

Contact Us

Life Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/life
life@mdpi.com
[X@Life_MDPI](#)