Special Issue

Dental Implant Macrogeometry and Biomaterials

Message from the Guest Editor

Implant design plays an important role in marginal bone maintenance and many different implant designs have attempted to preserve bone height after implant installation. Implant macrogeometry must reduce the stress on the bone surrounding the implant and stimulate bone remodeling. Surface characteristics also have a significant influence on marginal bone loss. In the case of hybrid implants, microgooves, micro-rings and flat surfaces, most of the implants present alveolar bone loss over the entire length of the flat surface, but SLA active and new bioactive surfaces will increase the bone to implant contact. New biomaterials made from bioglass, tooth grinded and silicate materials will increase new bone formation. It is my immense pleasure to invite you to submit a manuscript to this Special Issue, “Dental Implant Macrogeometry and Biomaterials". Full research articles, short communications and comprehensive review papers covering all aspects of implant design, implant micro- and macrogeometry, and biomaterial engineering are welcome, as are papers on related topics.

Guest Editor

Prof. Dr. José Luis Calvo Guirado

1. Department Oral and Implant Surgery, Faculty of Oral Sciences, Universidad Católica San Antonio de Murcia (UCAM), Murcia, Spain
2. Research Professor Department of Prosthodontics and Digital Technologies, School of Dental Medicine, State University of New York at Stony Brook, New York, NY, USA

Deadline for manuscript submissions

closed (31 December 2019)

Symmetry

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 5.3

mdpi.com/si/21012

Symmetry
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
symmetry@mdpi.com

mdpi.com/journal/symmetry

Symmetry

an Open Access Journal by MDPI

Impact Factor 2.2
CiteScore 5.3

mdpi.com/journal/symmetry

About the Journal

Message from the Editor-in-Chief

Symmetry is ultimately the most important concept in natural sciences. It is not surprising then that very basic and fundamental research achievements are related to symmetry. For instance, the Nobel Prize in Physics 1979 (Glashow, Salam, Weinberg) was received for a unified symmetry description of electromagnetic and weak interactions, while the Nobel Prize in Physics 2008 (Nambu, Kobayashi, Maskawa) was received for the discovery of the mechanism of spontaneous breaking of symmetry, including CP symmetry. Our journal is named *Symmetry* and it manifests its fundamental role in nature.

Editor-in-Chief

Prof. Dr. Sergei Odintsov
1. ICREA, 08010 Barcelona, Spain
2. Institute of Space Sciences (IEEC-CSIC), C. Can Magrans s/n, 08193 Barcelona, Spain

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within SCIE (Web of Science), Scopus, CAPlus / SciFinder, Inspec, Astrophysics Data System, and other databases.

Journal Rank:

JCR - Q2 (Multidisciplinary Sciences) / CiteScore - Q1 (General Mathematics)

MDPI