Special Issue

Additive Manufacturing of Dental Materials

Message from the Guest Editors

Additive manufacturing (AM) or 3D printing has become established in dentistry, and has caused a paradigm shift in the way objects are manufactured. These can be summarized as "digital workflows" in dentistry, and comprise three steps: 1. data acquisition, 2. data processing, and 3. data manufacturing by using subtractive or additive technologies. This Special Issue, entitled “Additive Manufacturing of Dental Materials”, aims to provide scientific expertise across all areas of AM in dentistry. We welcome the submission of high-quality original research papers, review articles, communications, and case reports on topics including, but not limited to, the following:

- AM of therapeutic appliances including aligners, orthodontic appliances, removable and fixed prosthetic restorations;
- AM of templates and models;
- Material properties of polymers, metals and ceramics for AM;
- Post-processing and surface treatment procedures;
- Further, research areas related to AM and digital workflows like data acquisition and data modeling.

Guest Editors

Dr. Christian Wesemann

1. ADENTICS – Die Kieferorthopäden (Private Practice), Leipziger Platz 7, 10117 Berlin, Germany
2. Medical Center – University of Freiburg, Center for Dental Medicine, Department of Prosthetic Dentistry, Faculty of Medicine, University of Freiburg, Hugstetter Straße 55, 79106 Freiburg, Germany

Prof. Dr. Benedikt C. Spies

Medical Center – University of Freiburg, Center for Dental Medicine, Department of Prosthetic Dentistry, Faculty of Medicine, University of Freiburg, Freiburg, Germany

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Journal of Functional Biomaterials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
jfb@mdpi.com

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About the Journal

Message from the Editor-in-Chief

The biomaterials field is one of the largest and fastest growing research areas both in the scientific community and in the industrial one. Biomaterials are the result of collaborations between different disciplines: chemistry, medicine, pharmacology, engineering and biology. The objective of this collaboration is to lead to the implementation of new devices to restore form and human body functions. The mission of the *Journal of Functional Biomaterials* (*JFB*) is to focus attention on physico-chemical characteristics and their importance in the interactions between biomaterials and living tissues. *JFB* seeks to publish studies on the preparation, performance and use of biomaterials in biomedical devices, as well as regarding their behavior in physiological environments. We are pleased to welcome you as our authors.

Editor-in-Chief

Prof. Dr. Pankaj Vadgama
School of Engineering and Materials Science, Queen Mary University of London, London, UK

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