

## Special Issue

# Recent Advances in Laser Technology for Dental Materials and Biomedical Engineering

### Message from the Guest Editors

The application of laser technology for dental materials allows for novel applications in bioengineering for clinical use in medicine, veterinary medicine, and dentistry. Moreover, lasers can be used in biomedical engineering to enhance the properties of biomaterials used for soft and hard tissue reconstruction. Presently, a wide brand of various laser wavelengths is used for different therapeutical reasons in surgery, orthopedics, and dentistry. Laser dental material modification can be used to treat patients needing conservative, prosthetic, orthopedic treatment, and rehabilitation with dental implants.

The most advanced research and improvements in laser technologies for dental materials and biomedical engineering will be accepted in this Special Issue. Special attention will be paid to new procedures and approaches of laser technology for bioengineering, the pre-clinical and clinical application of lasers to achieve adhesion effects, and material properties in conservative, endodontic, prosthetic, orthodontic, and periodontal treatment. Studies displaying the effects of laser light and precisely describing the laser parameters will also be considered.

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### Guest Editors

Dr. Jacek Matys

Dental Surgery Department, Wrocław Medical University, 50-367 Wrocław, Poland

Dr. Kinga Grzech-Lesniak

1. Department of Integrated Dentistry, Faculty of Dentistry, Wrocław Medical University, 50-367 Wrocław, Poland

2. Department of Periodontics, School of Dentistry, Virginia Commonwealth University, Richmond, VA, USA

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### Deadline for manuscript submissions

closed (10 May 2023)



## Materials

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*Materials*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[materials@mdpi.com](mailto:materials@mdpi.com)

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*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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### Editors-in-Chief

Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

Prof. Dr. Yuguang Ma

State Key Laboratory of Luminescent Materials and Devices, South China University of Technology, Guangzhou 510640, China

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