

Special Issue

The Value of Fluorescence Enhanced Diagnosis and Therapy Guidance in Dentistry

Message from the Guest Editors

Bioluminescence has successfully created benefits for in vitro research as well as for bioimaging in diagnosis, guidance, and monitoring of treatment goal achievement. Different light sources and a great selection of endogenous and exogenous fluorophores prove to be a highly valuable addition. Fluorescence currently finds its application in clinical dentistry in resin curing, caries diagnosis, activity monitoring, diseased tissue removal guidance, plaque and calculus identification and removal, mucosal and tumor diagnosis, and fluorescence-guided surgery. Photoactivated disinfection and photobiomodulation round up the spectrum of use. This Special Issue welcomes submissions covering fluorescence-guided surgery and enhanced theragnosis (diagnosis and treatment guidance) in all the clinical specialties as well as for photoactivated disinfection and photobiomodulation.

Guest Editors

Prof. Dr. Liviu Steier

1. Robert Schattner Center, School of Dental Medicine, University of Pennsylvania, Philadelphia, PA 19104, USA
2. Federal University of Rio Grande do Sul—UFRGS, Porto Alegre 90035-003, Brazil
3. Center for Transdisciplinary Research (CFTR), Saveetha Dental College, Saveetha Institute of Medical and Technical Sciences, Chennai 602105, Tamil Nadu, India

Prof. Dr. Hervé Tassery

Department of Restorative Dentistry of Marseille Dental School, Aix-Marseille University, 13007 Marseille, France

Deadline for manuscript submissions

closed (15 September 2021)



Dentistry Journal

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 4.1
Indexed in PubMed



mdpi.com/si/70883

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

[mdpi.com/journal/
dentistry](https://mdpi.com/journal/dentistry)





Dentistry Journal

an Open Access Journal
by MDPI

Impact Factor 3.1
CiteScore 4.1
Indexed in PubMed



[mdpi.com/journal/
dentistry](https://mdpi.com/journal/dentistry)



About the Journal

Message from the Editor-in-Chief

The *Dentistry Journal* (ISSN 2304-6767) is an official, peer-reviewed publication of MDPI, which transmits original papers as well as review articles from the entire field of dentistry to the scientific community. The *Dentistry Journal* supports scientific innovations, and clinical and experimental research within the whole field of dentistry and its related areas. The *Dentistry Journal* in particular supports interdisciplinary and translational studies. The *Dentistry Journal* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

Editor-in-Chief

Prof. Dr. Claude Jaquiéry

Department for Cranio-Maxillo-Facial Surgery, University Hospital
Basel, Spitalstrasse 21, CH-4031 Basel, Switzerland

Author Benefits

High Visibility:

indexed within Scopus, ESCI (Web of Science), PubMed, PMC, and other databases.

Journal Rank:

JCR - Q1 (Dentistry, Oral Surgery and Medicine) / CiteScore
- Q2 (General Dentistry)

Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 21.5 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the first half of 2025).