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The Value of Fluorescence Enhanced Diagnosis and Therapy Guidance in Dentistry

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Deadline for manuscript submissions:

closed (15 September 2021)

Message from the Guest Editors

Dear Colleagues,

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.



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Special Issue



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Message from the Editor-in-Chief

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