

## Special Issue

# Optical Diagnostics and Monitoring of Human Diseases

### Message from the Guest Editors

Optical techniques and laser diagnostics are becoming integral elements in engineering and medical instrumentation. Written by leading experts from academic groups and laboratories, this Special Issue provides an international perspective on both existing applications and cutting-edge research. With a focus on advanced biophotonics applications, the Special Issue discusses the application of techniques such as tissue and liquid optical biopsy, breathomics, laser Doppler velocimetry, particle image velocimetry, planar laser-induced fluorescence and machine learning. In addition, the Special Issue explores laser diagnostic techniques used in the biomedical field and reviews novel research on the use of fiber-optic sensor techniques for structural integrity and physical condition monitoring. Please note this special issue is prepared following the conference Saratov Fall Meeting 2022 (SFM'22).

<https://sfmconference.org/>

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### Guest Editors

Dr. Yury Kistenev

Laboratory of Laser Molecular Imaging and Machine Learning, Tomsk State University, 634050 Tomsk, Russia

Dr. Irina Yu. Yanina

Department of Optics and Biophotonics, Saratov State University, 410012 Saratov, Russia

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### Deadline for manuscript submissions

closed (30 September 2023)



## Diagnostics

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

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## About the Journal

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You are cordially invited to submit research articles, short communications, comprehensive reviews, case reports or interesting images for consideration and publication in *Diagnostics* (ISSN 2075-4418). *Diagnostics* is published in open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public have unlimited and free access to the content as soon as it is published. We would be pleased to welcome you as one of our authors.

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### Editor-in-Chief

Prof. Dr. Andreas Kjaer

Department of Clinical Physiology, Nuclear Medicine & PET National University Hospital, Rigshospitalet, University of Copenhagen, Blegdamsvej 9, DK-2100 Copenhagen, Denmark

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