



## Advanced Role of Optical Coherence Tomography in Clinical Medicine

Guest Editors:

**Dr. Pavel A. Shilyagin**

Department of Nanooptics,  
Institute of Applied Physics of  
the Russian Academy of  
Sciences, Nizhny Novgorod,  
Russia

**Dr. Elena B. Kiseleva**

Institute of Experimental  
Oncology and Biomedical  
Technologies, Privolzhsky  
Research Medical University,  
Nizhni Novgorod, Russia

**Dr. Ekaterina Vladimirovna  
Gubarkova**

Institute of Experimental  
Oncology and Biomedical  
Technologies, Privolzhsky  
Research Medical University,  
Nizhny Novgorod, Russia

Deadline for manuscript  
submissions:

**closed (30 April 2024)**

### Message from the Guest Editors

The issue is aimed to collect research opening up a new chapter in the diagnosis of primarily non-ophthalmic pathologies, as well as going beyond the usual and routine diagnostics, establishing new facets of knowledge about the structure and functions of biological tissues.

The most preferable aims of articles are:

- The use of OCT as the main or an additional method for diagnosing various pathologies;
- The description of the capabilities of OCT-based complexes and systems combined with OCT in real diagnostic practice, especially if this allows the authors to obtain results that could significantly change existing diagnostic approaches in the field of application;
- The formation of new knowledge about the structure and functioning of normal and pathologically altered biological tissues;
- The development of additional modalities of OCT and the devices themselves intended for specialized and, especially, differential diagnostics and their testing in clinical conditions.





an Open Access Journal by MDPI

## 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

## Message from the Editor-in-Chief

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.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High Visibility:** indexed within Scopus, SCIE (Web of Science), PubMed, PMC, Embase, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** JCR - Q1 (Medicine, General and Internal) / CiteScore - Q2 (Internal Medicine)

## Contact Us

---

*Diagnostics* Editorial Office  
MDPI, St. Alban-Anlage 66  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/diagnostics](http://mdpi.com/journal/diagnostics)  
[diagnostics@mdpi.com](mailto:diagnostics@mdpi.com)  
[X@diagnostic\\_mdpi](https://twitter.com/diagnostic_mdpi)