

Special Issue

Optical Molecular Imaging in Cancer Research and Diagnosis

Message from the Guest Editors

This Special Issue, "Optical Molecular Imaging in Cancer Research and Diagnosis", welcomes original research and review articles in the field of applications of molecular imaging in cancer research with a focus on: Raman spectroscopy and microscopy, coherent vibrational microscopy, nonlinear optical microscopy, fluorescence lifetime imaging, optical coherence tomography (OCT) and optical coherence microscopy (OCM), photoacoustic imaging combined with molecular specific techniques, and multimodal imaging combining non-optical established techniques such as CT, MRI, PET, and ultrasound imaging with optical molecular imaging techniques. Articles on the development and validation of novel molecular imaging probes and contrast agents for cancer detection and treatment monitoring are also welcome.

Guest Editors

Dr. Vladislav I. Shcheslavskiy
Becker & Hickl GmbH, Berlin, Germany

Dr. Riccardo Cicchi

1. National Institute of Optics National Research Council (CNR-INO), Largo Fermi 6, 50125 Firenze, Italy
2. European Laboratory for Non-Linear Spectroscopy (LENS), 50019 Zona Osmannoro, Italy

Dr. Konstantin Yashin

Department of Oncology and Neurosurgery, University Clinic, Privolzhsky Research Medical University, Minina and Pozharskogo Sq. 10/1, Nizhny Novgorod, Russia

Deadline for manuscript submissions

closed (30 June 2024)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



mdpi.com/si/173381

*International Journal of
Molecular Sciences*
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
ijms@mdpi.com

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





International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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



About the Journal

Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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, MEDLINE, Embase, CAPus / SciFinder, and other databases.

Journal Rank:

JCR - Q1 (Biochemistry and Molecular Biology) / CiteScore - Q1 (Organic Chemistry)