



Molecular Basis of Radiomics in Oncology

Guest Editor:

Dr. Luca Nicosia

1. Breast Imaging Division, IEO,
European Institute of Oncology
IRCCS, Via Ripamonti, 435, 20141
Milan, Italy

2. Department of Biotechnology
and Life Sciences, University of
Insubria, Via J.H. Dunant, 3,
21100 Varese, Italy

Deadline for manuscript
submissions:

closed (31 May 2023)

Message from the Guest Editor

The oncological research field is one of the most important areas in which radiomics seems to offer the most promising results: original research able to understand the heterogeneity of cancer phenotypes and the use of radiomics in targeted molecular imaging studies will be strongly encouraged in this Special Issue. As a result, the management of oncological patients could be profoundly renewed by the development of research on radiomics, genetics and molecular studies. Radiogenomics, as it might be called, will, therefore, certainly be one of the most encouraging and interesting fields of study in the next few years.

In this Special Issue, we encourage the submission of radiomics-based research, including biomolecular experiments in the field of oncology. Multidisciplinary approaches that aim to combine both biomolecular experience and clinical outcomes will be strongly valued: radiologists, oncologists, physicists and biomolecular researchers should be vividly encouraged to collaborate in order to develop knowledge in radiomics, as it does represent a promising research field with extraordinary potential.





an Open Access Journal by MDPI

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

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.

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, CAPlus / SciFinder, and other databases.

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

Contact Us

*International Journal of Molecular
Sciences* Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/ijms
ijms@mdpi.com
X@IJMS_MDPI