



Novel PET Radiopharmaceuticals: Molecular Probes for Personalized Imaging

Guest Editor:

Dr. Ferdinando F. Calabria

Department of Nuclear Medicine and Theragnostics, “Mariano Santo” Hospital, 87100 Cosenza, Italy

Deadline for manuscript submissions:

closed (31 May 2023)

Message from the Guest Editor

The emerging role of novel radiopharmaceuticals for PET imaging allows the opportunity to investigate and depict a large number of diseases, enlarging the fields of application of PET/CT and PET/MRI from oncology to infectious diseases, neuro-oncology, and to the evaluation of neurodegenerative diseases.

For this reason, the accurate knowledge of synthesis, availability, and in vivo biodistribution of these novel molecular probes is of utmost importance for physicians and professionals.

Beyond scientific papers, focused on specific clinical settings, an accurate collection of PET tracers in a single volume is still missing; moreover, it is necessary to cover all aspects of these tracers in order to assess their biochemical peculiarities, diagnostic overlapping, and efficacy.

For these reasons, a monography with several chapters focused on peculiar aspects of these molecular probes is needed.

Suitable topics include but are not limited to synthesis, kinetics, biodistribution of PET radiopharmaceuticals, and their current applications.





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