

Special Issue

Molecular Imaging in Diabetes, Obesity, and Infections 2.0

Message from the Guest Editor

Molecular imaging is an exciting field that can be defined as the visualization and/or measurement of biological or biochemical processes at cellular and molecular levels. It is performed in preclinical models and in living human subjects. By necessity, molecular imaging is multidisciplinary, applying synthetic and radiochemistry, molecular biology, (patho)physiology, and multiple imaging techniques. It leverages both endogenous and exogenous imaging probes to generate detectable signals. Molecular imaging techniques include optical and optoacoustic methods, ultrasound, molecular computed tomography, magnetic resonance imaging, and spectroscopy. To this end, molecular imaging has been used to non-invasively visualize aberrant tumor metabolism, bacterial infections, beta-cell mass and function, and adipocyte metabolism. This Special Issue focuses on developing and implementing molecular imaging strategies for research in obesity, diabetes, infectious diseases, and tumor metabolism. We welcome original research and review articles.

Guest Editor

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Deadline for manuscript submissions

closed (31 January 2022)



International Journal of Molecular Sciences

an Open Access Journal
by MDPI

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed



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*International Journal of
Molecular Sciences*
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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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.

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