



## Molecular Imaging in Diabetes, Obesity, and Infections 2.0

Guest Editor:

**Prof. Dr. Orhan K. Öz**

Department of Radiology,  
University of Texas Southwestern  
Medical Center, 5323 Harry Hines  
Blvd, Dallas, TX 75390-8542, USA

Deadline for manuscript  
submissions:

**closed (31 January 2022)**

### Message from the Guest Editor

Dear Colleagues,

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.

Prof. Orhan K. Öz

*Guest Editor*





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 (Inorganic 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