

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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