

Special Issue

Novel PET Radiopharmaceuticals: Molecular Probes for Personalized Imaging

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.

Guest Editor

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