



## **Novel PET Radiopharmaceuticals: Molecular Probes for Personalized Imaging 2.0**

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### **Message from the Guest Editor**

The emerging role of novel radiopharmaceuticals for PET imaging allows for the opportunity to investigate and depict many diseases, enlarge the fields of application of PET/CT and PET/MRI from oncology to infectious diseases and neuro-oncology, and to evaluate neurodegenerative diseases. For this reason, the accurate knowledge of the 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; 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 on the peculiar aspects of these molecular probes is needed. Suitable topics include, but are not limited to, the synthesis, kinetics, biodistribution of PET radiopharmaceuticals, and their current applications.





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