

Special Issue

Advances Research in Radiopharmaceuticals for Diagnosis and Therapy

Message from the Guest Editors

In recent decades, radiopharmaceuticals (RPs) have been developed as state-of-the-art technologies to detect and understand various diseases, ranging from oncology, infectious diseases, neuro-oncology and neurodegenerative diseases. The advances in RPs also expanded the role of target-specific molecular imaging in modern patient care by supporting clinical decision making, monitoring responses to treatment, and improving treatment outcomes. In addition to this, recent developments of therapeutic RPs using At-211 and Ac-225, along with conventional I-131, Re-188 and Lu-177, are leading to the development of nuclear medicine in the field of radionuclide treatment. Original research articles and comprehensive reviews that represent a leap forward in the medical practice of theranostics are welcome. This Special Issue focuses on, but is not limited to, the following topics: novel radiochemistry, automatic production of RPs based on GMP, development of novel diagnostic and therapeutic RPs, production of radioisotope, pharmacokinetics/pharmacodynamics, and other applications of RPs for clinical research.

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