

Special Issue

Peptide Receptor Radionuclide Therapy (PRRT) and Targeted Alpha Therapy (TAT) in Cancer

Message from the Guest Editor

This Special Issue addresses the translational application of novel emitters, which present a multitude of opportunities due to their potential to significantly alter the landscape of theranostic studies with PRRT and TAT. The advent of novel technologies is facilitating the expansion of PRRT and TAT applications involving Actinium-225, Astatine-211, Terbium-161, and Terbium-149. This enables the scientific community and pharmaceutical companies to enhance efficiency and provide superior theranostic radiotherapeutics. This development marks an exciting time for the use of theranostics in oncology. However, the rapid growth of this area of nuclear medicine has also created challenges. In particular, the infrastructure used for the manufacturing of radiopharmaceuticals remains under development, and regulatory bodies are still optimizing guidelines for this new class of drug.

Guest Editor

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