

Special Issue

Advances in Drug Discovery: Emerging Radiotracers and Small Molecule Inhibitors for Cancer and Neurological Disorders

Message from the Guest Editor

The convergence of radiochemistry and medicinal chemistry is a paradigm-shifting frontier in drug discovery wherein the molecular design capabilities of medicinal chemists and the advanced isotopic labeling capabilities of radiochemists are merged. Medicinal chemistry provides the foundation for designing biologically active molecules with specificity, and radiochemistry enables the incorporation of radioactive isotopes required for diagnostic radiotracers and therapeutics.

This Special Issue aims to present recent developments in drug discovery and novel strategies at the intersection of medicinal chemistry, and radiochemistry, focusing on radiotracers and cytotoxic agents for oncological and neurological diseases. We welcome original research articles and review papers consolidating basic and translational studies on these therapeutic and diagnostic modalities, including but not limited to the following:

- Discovery and development of anticancer and neurological disease-targeted agents;

- Design, synthesis and evaluation of novel radiotracers for diagnostics and therapy;

- Mechanistic research delineating molecular mechanisms for target therapy and imaging;

Guest Editor

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Message from the Editor-in-Chief

The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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