

Special Issue

Innovative Approaches of Multimodal Imaging of Cancer Characteristics in Nuclear Medicine

Message from the Guest Editors

Multimodal imaging approaches, such as PET/CT and PET/MRI, are well-established, non-invasive methods of clinical cancer diagnosis. The use of other imaging techniques, such as ultrasound or optical imaging, in combination with PET or SPECT can pave the way to create quantitative maps of molecular, hemodynamic, biomechanical, electrophysiological, and structural parameters beyond current clinical standards. The combination of anatomical, functional, and molecular imaging contributes significantly to a better understanding of cancer biology—and to improved patient care—compared to using a technique alone, which is becoming increasingly evident as research advances. This Special Issue focuses on the exploration of innovative multimodal imaging techniques, refined reconstruction methodologies, the representation of tumor heterogeneity, and combined functional image analyses in both clinical and preclinical contexts.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Cancers (ISSN 2072-6694) is an international, online journal addressing both clinical and basic science issues related to cancer research. The journal will continue its open access format, which will certainly evolve to ensure that the journal takes full advantage of the rapidly changing world of information and knowledge dissemination. It publishes high-quality clinical, translational, and basic science research on cancer prevention, initiation, progression, and treatment, as well as other related topics, particularly to capture the most seminal studies in the rapidly growing area of immunology, immunotherapy, and tumor microenvironment.

Editor-in-Chief

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