PET/CT in Cancers Outcomes Prediction

Guest Editor:

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Message from the Guest Editor

Dear Colleagues,

With more recent advances in PET imaging including multiple new, target-specific radiotracers and improved resolution of the PET/CT machines, PET has become an indispensable tool in oncologic management as recommended by the NCCN guidelines for various tumors. There remain many areas of active investigation in using PET in tailoring oncologic management, especially in the case of novel therapies such as immunotherapy and PSMA-based radioligand therapy. At a molecular level, there is a need to better understand the mechanisms underlying the uptake of radiotracers to apply them to the clinical implications.

This Special Issue focuses on applications of PET/CT imaging in the prediction of outcome in cancers and aims to cover new advances in PET imaging, including radiomics, theragnostic radionuclide pairs, and machine learning, which have opened new horizons in the application of quantitative and automated analysis of PET/CTs in oncologic imaging and management. Applications of PET in novel therapies such as CAR T-cell therapy and in cases of rare tumors are also of special interest.

Dr. Ahmad Shariftabrizi

Guest Editor

Special Issue

Editor-in-Chief

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Message from the Editor-in-Chief

Cancers is an international online journal addressing both clinical and basic science issues related to cancer research. The journal is publishing in 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.

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