

Special Issue

Recent Advances in Oncology Imaging

Message from the Guest Editors

Medical imaging is playing an ever increasing role in clinical, experimental, and translational oncology for population surveillance, patient screening, diagnosis assurance, cancer staging, therapeutic evaluation, prognosis assessment and development of novel anticancer approaches. Recent advances in oncologic imaging include: 1) multimodality (US, CT, MRI, PET, SPECT, optical imaging) and multiparametric (morphological, functional, metabolic) applications; 2) precision medicine driven by molecular imaging and nano-technologies 3) theranostics that utilize molecular imaging to identify cancer patient-specific biomarkers to guide individualized treatment decisions; and 4) radiomics assisted by artificial intelligence, big data analytics and deep learning for multi-feature characterization. This Special Issue will update and highlight the state of the art with respect to cancer imaging.

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About the Journal

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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