



The Role of Radiology Imaging in Oncology

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Message from the Guest Editors

Currently, radiology imaging plays a pivotal role in diagnosis and patient follow-up in the oncology field. In fact, thanks to different imaging modalities (X-ray, mammography, ultrasound, computed tomography, magnetic resonance imaging), there are multiple strategies to detect tumors and help other medical subspecialties to choose the best patient treatment options.

Innovations such as radiomics, artificial intelligence, and quantitative imaging are perfectly integrated with radiology imaging, and scientific research in the oncology field is necessary to explore all the possibilities we have to improve our diagnostic accuracy in tumor diagnosis and characterization. More comprehensive tumor diagnosis will enable dedicated treatment options such as immunotherapy or target therapy tailored to specific imaging characteristics, to reduce non-responder patients and improve survival.

We invite authors from different radiological imaging subspecialties to share their advancements in knowledge in different types of tumors, with both original works and review articles on tumor diagnosis, characterization, and follow-up.





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