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The Current Status of Brain Tumors Imaging

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Message from the Guest Editor

Dear Colleagues,

Brain tumors (primary and metastatic) are among the most common cancers with high morbidity and mortality rates worldwide. Imaging plays a crucial role in the diagnosis and management of these tumors. The main focus of this Special Issue is the role of CT and MRI in diagnosing and following primary brain neoplasms and metastasis. Topics of interest include (but are not limited to) pre-treatment (predicting the histopathology, genetic profile, and treatment response) and post-treatment (differentiation between recurrence versus radiation necrosis) applications of CT and MRI. This Special Issue will highlight the current state-of-the-art advanced imaging, including MR spectroscopy, MR perfusion, fMRI, DTI, radiomics, and artificial intelligence in brain tumors.

We welcome all studies with findings that will improve the role of neuro-imaging in neuro-oncology, offering readers future perspectives on diagnostic approaches.

Dr. Houman Sotoudeh

Guest Editor



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Special Issue



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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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