Magnetic Resonance Imaging of Brain Tumor

Guest Editors:

Prof. Dr. Amir Samii
Department of Neurosurgery, INI-Hannover, 30625 Hannover, Germany

Prof. Dr. Heinrich Lanfermann
Institute of Diagnostic and Interventional Neuroradiology, Hannover Medical School, 30625 Hannover, Germany

Dr. Peter Raab
Institute of Diagnostic and Interventional Neuroradiology, Hannover Medical School, 30625 Hannover, Germany

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Message from the Guest Editors

The fifth edition of the WHO classification of tumors of the central nervous system (CNS) impressively documents the importance of advanced molecular diagnostics and has established a new CNS tumor nomenclature, with new tumor types and grading schemes. Accordingly, neurosurgeons and neuroradiologists have to face the challenge of using this new classification for improved preoperative MRI diagnostics and neurosurgical planning for safe and efficient interventions.

Imaging is now confronted with several questions: what is the capability of the most advanced MRI techniques, including the option of AI regarding the determination of brain tumor types, their characteristics according to the fifth edition of WHO classification, preoperative planning for tumor border identification, the preservation of the so-called eloquent areas, monitoring of brain tumor therapy, and early diagnosis of recurrent tumor?

To answer these questions, we would like to invite you to submit the results of recent studies using cutting-edge MRI techniques.

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Special Issue

Editor-in-Chief

Prof. Dr. Samuel C. Mok
Department of Gynecologic Oncology and Reproductive Medicine, The University of Texas MD Anderson Cancer Center, Houston, TX 77030, USA

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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