

# Special Issue

## Brain Tumor Imaging

### Message from the Guest Editors

Brain tumors are extremely heterogeneous, both morphologically and biologically, which contributes to a very poor prognosis despite significant advances in their oncological management. Conventional imaging techniques demonstrate many aspects of tumor heterogeneity, but current imaging is insufficient for thorough characterization, therapy assessment and prognosis prediction. Novel noninvasive methods of in vivo tissue characterization may contribute to this area of unmet need, revealing and quantifying metabolism and biology in new ways, which can help to characterize these tumors, predict their prognosis, and evaluate their response to therapy more accurately. Moreover, refined and more sophisticated imaging techniques could help in furthering our knowledge of brain tumors, potentially informing new treatment strategies. We encourage the submission of original research and review articles on novel acquisition and post-processing techniques for both adult and pediatric brain tumor imaging, encompassing (but not limited to) magnetic resonance imaging, molecular imaging, and advanced computational methods for image analysis.

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### Guest Editors

Dr. Fulvio Zaccagna

Dr. Leonardo Rundo

Dr. James T. Grist

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### Deadline for manuscript submissions

closed (30 November 2022)



## Diagnostics

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*Diagnostics*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[diagnostics@mdpi.com](mailto:diagnostics@mdpi.com)

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### Editor-in-Chief

Prof. Dr. Andreas Kjaer  
Department of Clinical Physiology, Nuclear Medicine & PET National  
University Hospital, Rigshospitalet, University of Copenhagen,  
Blegdamsvej 9, DK-2100 Copenhagen, Denmark

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