

Special Issue

Exploring Neuro-Biomarkers with Advanced MR Molecular Imaging

Message from the Guest Editors

The objective of this Special Issue is to identify imaging biomarkers by observing qualitative and quantitative changes in specific cerebral metabolites in various diseases using advanced magnetic resonance (MR) molecular imaging techniques—such as chemical exchange saturation transfer (CEST), novel MR spectroscopy (MRS), and hyperpolarized MR. We aim to comprehensively cover all aspects of novel neuro-biomarker findings and validation with special emphasis on new approaches and application of neuro-biomarkers to preclinical models and clinical cases.

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Deadline for manuscript submissions

closed (31 July 2021)



Diagnostics

an Open Access Journal
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Impact Factor 3.3
CiteScore 5.9
Indexed in PubMed



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