

Special Issue

Exploring Molecular Imaging in Animal Models

Message from the Guest Editor

The objective of this *Special Issue* is to identify imaging biomarkers by observing qualitative and quantitative changes in specific neuro-metabolites within animal models of various diseases, utilizing advanced molecular imaging techniques such as chemical exchange saturation transfer (CEST), novel MR spectroscopy (MRS), positron emission tomography (PET), and optical imaging. Our aim is to comprehensively cover all aspects of novel neuro-biomarker findings and their validation, placing special emphasis on new approaches and the application of neuro-biomarkers in preclinical models. We invite submissions of original research articles, review articles, brief communications, and comments focused particularly on established molecular imaging methods, with an emphasis on CEST, MRS, PET, and optical imaging.

Guest Editor

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Deadline for manuscript submissions

closed (31 May 2024)



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About the Journal

Message from the Editor-in-Chief

Biomedicines (ISSN 2227-9059) is an open access journal devoted to all aspects of research on human health and disease, the discovery and characterization of new therapeutic targets, therapeutic strategies, and research of naturally driven biomedicines, pharmaceuticals, and biopharmaceutical products. Topics include pathogenesis mechanisms of diseases, translational medical research, biomaterial in biomedical research, natural bioactive molecules, biologics, vaccines, gene therapies, cell-based therapies, targeted specific antibodies, recombinant therapeutic proteins, nanobiotechnology driven products, targeted therapy, bioimaging, biosensors, biomarkers, and biosimilars. The journal is open for publication of studies conducted at the basic science and preclinical research levels. We invite you to consider submitting your work to *Biomedicines*, be it original research, review articles, or developing Special Issues of current key topics.

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