

Special Issue

Biomedical Applications of NMR Spectroscopy

Message from the Guest Editor

Dear colleagues, We are pleased to announce our Special Issue, "Biomedical Applications of NMR Spectroscopy," which will focus on recent advances in the development of experimental, modelling, and data analysis methods for nuclear magnetic resonance (NMR) in biomedical applications. NMR spectroscopy is a non-invasive technique that utilises the intrinsic angular momentum and associated magnetic moment of nuclei to extract physical and chemical information from examined systems. It can simultaneously reveal structural, interactional, and dynamical information for a single chemical species, a complex of multiple chemical components, or a mixture of many chemical species, making it one of the most information-rich analytical techniques. NMR has found wide applications in biomedicine, from studying neurodegenerative dementias to analysing tumour metabolism, from investigating skeletal muscle energetics to characterising plasma samples from a cohort of recovered COVID-19 patients. We warmly invite authors to submit original research or review articles pertaining to this important field of biomedicine.

Guest Editor

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Deadline for manuscript submissions

closed (30 June 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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