



Biomedical Applications of NMR Spectroscopy

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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.



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Special Issue



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Message from the Editor-in-Chief

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