

Special Issue

Applications of NMR Spectroscopy in Structure-Based Drug Discovery

Message from the Guest Editors

NMR is a supremely versatile experimental technique whose unique strengths have been widely exploited to enable the discovery, characterization and optimization of bioactive molecules with the potential to become new drugs. In this Special Issue, we chart the evolution and application of NMR spectroscopy to structure-based drug discovery, both within industry and in academic labs. From its origins as a largely analytical technique for small-molecule characterization, through the 'boom years' of the 1990s and X-ray vs. NMR 'structure wars', the emergence of NMR-driven fragment-based drug discovery, and the maturation of NMR as a 'gold-standard' method for verification, characterization and annotation of lead–target interactions, NMR has continued to adapt and evolve as the demands and priorities of modern drug discovery have shifted.

Guest Editors

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Deadline for manuscript submissions

31 August 2025



Biomolecules

an Open Access Journal
by MDPI

Impact Factor 4.8
CiteScore 9.2
Indexed in PubMed



mdpi.com/si/200975

Biomolecules
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Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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