

The NMR-Based Metabolomics

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Message from the Guest Editor

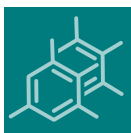
Dear Colleagues,

Metabolomics is one of the significant -omics fields which investigates the chemical profiles of low-molecular weight metabolites (<1 kDa) and responses to the metabolism of interest. It plays a vital role in untangling many biocomplexities in life. In this, nuclear magnetic resonance (NMR) spectroscopy is one of the driving forces, owing to its simplicity and versatility of acquiring unbiased and rich metabolic information from a broad spectrum of studies (ex vivo, in vitro, in vivo, and intact) with diverse specimens (biofluids, biotissues, etc.). For these reasons, NMR has been an important analytical component in many different research fields of metabolomics.

This Special Issue is to showcase the developments—in technologies, methodologies, and applications—of NMR spectroscopy as a frontline analytical strategy to metabolomics. Much like the diversity present in the field of NMR, the issue is designed to cover a wide range of research topics, but with the intent of highlighting the significance of NMR to metabolomics. Submissions of both original research and review articles are welcomed.

Dr. Alan Wong
Guest Editor





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Message from the Editor-in-Chief

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