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Sustainable but Affordable NMR Spectroscopy and MRI Technological Solutions

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Deadline for manuscript submissions:

closed (15 August 2023)

Message from the Guest Editors

In this Special Issue, we invite colleagues to submit original research and review articles that will fit one of the following categories:

- Sustainable NMR and MRI technological solutions that could make this technology more environmentally friendly with a reduced carbon footprint. This could, for instance, cover advances in energy-efficient magnets, coils, gradients, amplifiers, etc.
- Advances in disease-specific (e.g., neuro, cardiac, cancer) or anatomical body region NMR and MR technology that could make it more accessible to wider population both in low- and high-income economies.
- Any lessons that could be learned from other sectors or disciplines that could make the design, manufacture, installation and use of MR systems greener and sustainable.
- Ideas or suggested solutions on how to bring NMR-based (pre)-clinical research closer to academics in developing economies.

Keywords

- NMR spectroscopy, MRI
- sustainable, reduced carbon footprint
- health inequality, global health
- imaging poverty, greener technologies



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