

Special Issue

Recent Developments in Biomagnetism/Magneto-Biology

Message from the Guest Editor

Biomagnetism, a subset of bio-electromagnetism, refers to the magnetic phenomena produced by the living organisms. In recent years, this field has attracted significant interest due to the possibility of providing new ways of detecting and treating diseases differently from traditional treatments carried out using magnets. This Special Issue will highlight the most recent advances in the development of bio magnetics or magnetic-biology. Topics include but are not limited to the following: automated image-guided transcranial magnetic stimulation, bioelectric phenomena, electrophysiological recordings, bioelectrochemistry, human magnetism, magnetocardiography, magnetoception – sensing of magnetic fields by organisms, magneto-electrochemistry, magnetoencephalography, magneto-gastrography, magnetomyography, etc.

Guest Editor

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About the Journal

Message from the Editor-in-Chief

Magnetochimistry constitutes a multidisciplinary field where chemists and physicists not only study magnetic properties but also design and synthesize chemical compounds with desired magnetic properties.

Magnetochimistry is inviting contributions in any field related with this area, such as theoretical models, crystal engineering, molecular magnetism, SMM, SIM, SCM, SCO, magnetic nanostructures, magnetic MOFs, magnetic recording, qubits, magneto-caloric materials, etc. Our goal is to share your contribution in a timely fashion and in a manner that will be valued by the scientific community.

Editor-in-Chief

Prof. Dr. Carlos J. Gómez García

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18.9 days after submission; acceptance to publication is undertaken in 3.5 days (median values for papers published in this journal in the second half of 2025).