



## Advances in Fine Particle Magnetism and Bio-Magnetic Materials

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### Message from the Guest Editors

Dear Colleagues,

Magnetic materials are unique materials that are present in nature. With the development of nanotechnology, different magnetic materials have been discovered as storage materials and generators. There are different types of magnetic materials in solids, such as metal oxides, metals, and magnetic alloys. However, in their colloidal state, they are in the form of nanofluids, ferrofluids, and magnetic fluids. Different classes of magnetic materials are used in several applications. However, in addition to general applications, magnetic materials are also used as bio-magnetic materials in different ways, such as therapy and for diagnosis purposes.

### Keywords:

Magnetic materials

Diamagnetic material

Biomagnetic materials

Ferrites

Nanofluids

