

Bioinspired, Biomimetic and Nanobiomaterials

The scope of *Bioinspired, Biomimetic and Nanobiomaterials* includes but are not limited to the following specific areas:

- Strategy, design, development, synthesis and applications of multifunctional bioinspired, biomimetic, biointegrated and nanoscale biomaterials and their composites
- Biocompatibility and bioactivity
- Processing, fabrication, application and performance of nature inspired devices
- Biotemplates, biomembrane and biointerfaces
- Biological self-assembly, bioinorganic and biomimetic analogs
- Cell tissue engineering, sensing and diagnostics
- Biological moiety-surface interaction
- Biomechanical and physicochemical characterisation
- Complexity of hierarchical structure, properties, processing and material characterisation
- Nanoscience, nanostructure, biomimetic nanotechnology for biomedical, non-biomedical and biomaterial engineering
- Modelling and property simulation of nature inspired materials at all length scales

The biomaterial in this context refers to different classes including metals and alloys, ceramics, glass, synthetic and biological polymers, and the devices relevant to medical engineering as well as other novel non-medical engineering applications.

Authors are invited to submit their manuscripts on any of the above topics. Letters for short communications, full length manuscripts for regular papers and manuscripts discussing the state of the art in areas relating to biological materials science in the form of review papers can be submitted to the editor.

To submit an article for peer review, please visit the journal's online submission and peer-review site: <http://www.editorialmanager.com/bbn/>

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