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## Molecular Biomimetics and Materials Design

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submissions:

**closed (30 November 2010)**

### Message from the Guest Editors

Dear Colleagues,

Nature is unquestionably the pre-eminent chemist. One must only consider the myriad chemical reactions and non-covalent interactions that are ongoing simultaneous with exquisite control in both space and time to be awe inspired. A large number of chemists and biochemists are involved in the dissection of these complex biological systems by understanding the precise chemical behavior of each Natural component. Another segment of the chemical and biochemical community aims to apply the understanding of natural systems to create man-made molecules, materials, machines, and systems with complex structure and function. This special issue is dedicated to the chemistry of such biomimetic systems at the molecular, macromolecular, and materials levels. As such this special issue encompasses a broad range of topics of contemporary interest in chemistry.

Prof. Dr. Lyle Isaacs

Prof. Dr. Kwang J. Kim

*Guest Editors*



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# Special Issue



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## Message from the Editor-in-Chief

*Materials* (ISSN 1996-1944) was launched in 2008. The journal covers twenty-five comprehensive topics: biomaterials, energy materials, advanced composites, advanced materials characterization, porous materials, manufacturing processes and systems, advanced nanomaterials and nanotechnology, smart materials, thin films and interfaces, catalytic materials, carbon materials, materials chemistry, materials physics, optics and photonics, corrosion, construction and building materials, materials simulation and design, electronic materials, advanced and functional ceramics and glasses, metals and alloys, soft matter, polymeric materials, quantum materials, mechanics of materials, green materials, general. *Materials* provides a unique opportunity to contribute high quality articles and to take advantage of its large readership.

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