

Joint Special Issue

Molecular Biomimetics and Materials Design

Message from the Guest Editors

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.

Guest Editors

Prof. Dr. Lyle Isaacs

Department of Chemistry and Biochemistry, University of Maryland, College Park, MD 20742, USA

Prof. Dr. Kwang J. Kim

Department of Mechanical Engineering, University of Nevada, Las Vegas (UNLV), 4505 Maryland Parkway, Las Vegas, NV 89154, USA

Deadline for manuscript submissions

closed (30 November 2010)

Participating open access journals:

Materials

Impact Factor 3.2
CiteScore 6.4
Indexed in PubMed

mdpi.com/si/319



International Journal of Molecular Sciences

Impact Factor 4.9
CiteScore 9.0
Indexed in PubMed

mdpi.com/si/318

