

Introduction to the Inaugural Issue of *JNanoR*

Special Issue on: “Nanomaterials for Biological and Biomedical Applications”

Dear Colleagues,

Nanoscience and nanotechnology brought up an unprecedented excitement in the scientific and engineering communities, especially the last decade. The recent revolutionary advances in nanoscale phenomena open exciting, new avenues for research and discovery. The *Journal of Nano Research (JNanoR)* is a new venue for publishing original work in this ever evolving field. The journal is published by Trans Tech Publishers (Switzerland) and sponsored by the newly founded *Society of Nanoscience and Nanotechnology (SNN)*, an organization that serves the “nano” community worldwide. Nobel Laureate Professor Sir Harold W. Kroto serves as Honorary President of SNN and Honorary Editor-in-Chief for the Journal.

The potential contributions of advances in nanoscale phenomena to improving human health created even more excitement by envisioning new biomaterials, devices and techniques for biological detection and remediation. Thus, issues such as synthesis, fabrication and characterization of functional nanomaterials and nanostructures for biomedical applications (molecular recognition, nanotubes, nanowires, nanoparticles, self-assembly, polymer-based nanomaterials, thin films, medical imaging, diagnosis and therapy, etc.) become very important. In recognition of this potential, we dedicated the inaugural issue of the journal to “Nanomaterials for Biological and Biomedical Applications”. All papers in this inaugural issue are invited research papers. The contributions range from synthesis and characterization of nanoparticles and nanostructures to computer science issues in bio nanotechnology being a clear testament of the breadth and interdisciplinary nature of the journal.

We would like to encourage you to submit some of your high quality work to this journal in the near future.

Prof. Efstathios “Stathis” I. Meletis
Editor-in-Chief
University of Texas at Arlington
Materials Science and Engineering
Department
Arlington, TX 76019
USA

Prof. Vasco Teixeira
Editor-in-Chief
University of Minho
Physics Department
GRF Functional Coatings Group
Campus Azurém, Guimarães, 4800-058
Portugal

Journal of Nano Research Vol. 1
10.4028/www.scientific.net/JNanoR.1

Introduction to the Inaugural Issue of JNanoR
10.4028/www.scientific.net/JNanoR.1.-2