

Special Issue

Nanoparticles Based on Smart Polymers for Biomedical Applications

Message from the Guest Editors

This Special Issue will focus on fundamental research with practical applications of drug delivery systems based on smart polymers in the field of nanomedicine. Within the wide variety of these systems, we are interested in the preparation and characterization of pH, thermo-, and/or light-sensitive natural and synthetic polymers. Different types of drug-loaded nanoparticles, such as micelles, nanocapsules, nanogels, polymersomes, and nanospheres, are of practical interest. Another domain of interest is that of nanoparticles, functionalized with specific ligands or loaded with magnetic nanoparticles, for active targeted drug delivery. Prof. Dr. Leonard Atanase

Guest Editors

Prof. Dr. Marcel Popa

“Cristofor Simionescu” Faculty of Chemical Engineering and Environment Protection, “Gheorghe Asachi” Technical University, 700050 Iasi, Romania

Prof. Dr. Leonard-Ionut Atanase

1. Department of Biomaterials, Faculty of Medical Dentistry, “Apollonia” University of Iasi, 700511 Iasi, Romania
2. Academy of Romanian Scientists, 050045 Bucharest, Romania

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4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Editor-in-Chief

Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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