Special Issue

Research of Organic Molecules and Materials for Biological Application

Message from the Guest Editors

The search for new chemotherapeutics and biologically active materials based on organic components is one of the current research trends. New therapeutics based on small organic molecules, compounds, and materials of natural origin, and reagents containing heteroatoms such as sulfur, selenium, phosphorus, boron, and others are just a few of the challenges facing modern organic synthesis. The search for biologically active reagents also includes new synthetic methodologies such as organocatalysis, stereocontrolled reactions, as well as new solutions in the field of so-called “green chemistry” and “flow chemistry”, e.g., solvent-free reactions, high pressure, ultrasound, and microwaves. The announced Special Issue is open for research related to the current studies performed in chemical laboratories involving synthesis of organic molecules and materials possessing any kind of biological applications. The works resulting from this research, aimed either at the solution of basic and mechanistic problems or of practical importance, are welcome.

Guest Editors

Prof. Jacek Ścianowski

Department of Organic Chemistry, Faculty of Chemistry, Nicolaus Copernicus University in Torun, 7 Gagarin Street, 87-100 Torun, Poland

Prof. Marek Krzeminski

Department of Organic Chemistry, Faculty of Chemistry, Nicolaus Copernicus University in Torun, 7 Gagarin Street, 87-100 Torun, Poland

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Materials
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
materials@mdpi.com

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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.

Editor-in-Chief

Prof. Dr. Maryam Tabrizian
1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada
2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

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