



## Hybrid Magnetic Nanocomposites

Guest Editor:

**Dr. Michał Szuwarzyński**  
Academic Centre for Materials  
and Nanotechnology, AGH  
University of Science and  
Technology, 30-059 Krakow,  
Poland

Deadline for manuscript  
submissions:  
**closed (31 December 2021)**

### Message from the Guest Editor

A hybrid magnetic nanocomposite built of surface layers of polyelectrolites, polymer brushes, self-assembled monolayers, liposomes and polymerosomes have found numerous applications in various areas of medicine, chemistry, biology, engineering, and more. In this Special Issue, I would like to focus on fabrication and characterization of hybrid magnetic composites based on two main approaches: polymer-coated magnetic nanoparticles and magnetically-responsive thin polymeric films. I kindly encourage you to submit full papers, communications, and critical reviews about polymeric nanocomposites with the ability to respond to the external magnetic fields in the topics related, but not limited to:

- magnetic remote navigation and drug targeting carriers
- biocompatible magnetic materials
- multifunctional magnetic nanoparticles
- contrast agents for magnetic resonance imaging (MRI)
- magnetic hyperthermia
- polymeric magnetically-responsive surfaces
- self-organized magnetic nanoparticles and data storage
- multicomponent hybrid nanostructures
- ferrogels and magnetic spheres dispersed in polymer

I look forward to your submission.





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## 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

## Message from the Editor-in-Chief

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Materials Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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