



Functional Nanomaterials for a Better Life

Guest Editors:

Dr. Matteo Tonezzer

IMEM-CNR, sede di Trento - FBK,
via alla Cascata 56/C, Trento,
Italy

Dr. Davide Barreca

ICMATE-CNR c/o Department of
Chemical Sciences, Padova
University, Via Marzolo 1, I-35131
Padova, Italy

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Message from the Guest Editors

Over the last two decades, the increasing ability to finely manipulate matter at the nanometer level has opened up a host of new opportunities. Being able to tune the size, structure, composition, and morphology of inorganic, organic, and hybrid. The potential of nanostructured materials is very wide. Such activities are strongly fueled by the broad range of functional applications for the developed materials, encompassing better thermally insulating materials for building, sharper and cheaper screens, elimination of environmental pollutants, distributed sensors for flammable and toxic gases, advanced devices for energy production and accumulation, new biomedical diagnostic techniques, longer-lasting prosthetics, drug delivery, smart food packaging, and water purification, among others.

The purpose of this Special Issue is to gather the latest results in the modeling, simulation, synthesis, advanced characterization, and the potential applications of nanostructured materials.

We encourage the submission of reviews, mini-reviews, original articles and short communications highlighting the potential of nanomaterials to improve the environment and human life.





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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, St. Alban-Anlage 66
4052 Basel, Switzerland

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