



materials



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Porous Materials for Biomedical Applications

Guest Editor:

Prof. Dr. Antonio Gil Bravo

INAMAT²-Departamento de Ciencias, Edificio de los Acebos, Universidad Pública de Navarra, Campus de Arrosadía, 31006 Pamplona, Spain

Deadline for manuscript submissions:

closed (20 November 2023)

Message from the Guest Editor

Dear Colleagues,

Porous materials featuring high surface areas, narrow pore size distribution, and tunable pore diameters have attracted a great deal of attention due to their relevant properties and applications in various areas including adsorption, separation, sensing, catalysis, pollutant removal, CO₂ capture, energy storage, catalytic oxidation and reduction processes, conversion of biomass to biofuels, and drug delivery. Due to the development of a wide range of these materials with varying morphologies (e.g., hexagonal, cubic, rod-like), chemistry (e.g., silicates, carbons, metal oxides, hybrid materials, metal-organic frameworks), and functionalities, this field is currently one of the most advanced in materials science.

This Special Issue aims to collect novel research studies or comprehensive review papers in the fields of synthesis, design, characterization, modeling, and applications of porous materials and their biomedical applications.



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Special issue



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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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