

Special Issue

Applications of Nanotechnology in Diagnosis and Therapy

Message from the Guest Editors

This Special Issue provides a comprehensive platform for researchers and professionals engaged in the design, synthesis, characterization, and application of nanomaterials for targeted drug delivery systems. It encompasses a wide range of topics including the development of nanomaterial-based drug carriers such as nanoparticles, liposomes, dendrimers, and micelles, with a focus on their functionalization and surface modification to achieve enhanced stability, solubility, and bioavailability. This issue also explores the utilization of nanotechnology approaches for targeted drug delivery, encompassing active targeting strategies, ligand–receptor interactions, computer-aided drug delivery, and nanomaterials for drug delivery to specific cells, tissues, organs, or disease sites.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Surfaces and interfaces are ubiquitous, and their relevance in Chemistry, Physics, Catalysis, Materials Science & Engineering, Nanoscience, Biology and Nanomedicine is nowadays well acknowledged. Similarly, surfaces cannot be neglected when targeting applications in many strategic fields, such as sensors, energy conversion and storage, environmental and food science, and medical devices.

Surfaces is a new Open Access journal that will provide rapid publication of scholarly articles on studies related to surfaces and interfaces. Its mission is to publish cutting edge articles and conference proceedings and organizing special issues to highlight outstanding research on specific topics, encouraging the application of a rigorous Surface Science-based approach to many complex interesting phenomena and breaking boundaries among different disciplines.

Editor-in-Chief

Prof. Dr. Gaetano Granozzi
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