

## Special Issue

# Biointerfaces and Interfacial Phenomena in Biology and Nanomedicine

### Message from the Guest Editor

We are pleased to invite you to contribute to our Special Issue on *Biointerfaces and Interfacial Phenomena in Biology and Nanomedicine Metal Nanostructures*. This collection aims to highlight recent developments in the synthesis and advanced characterization of nanobiomaterials for prospective medical applications, focusing on the surface properties and cell–surface interactions. Based on the area's great potential, we expect to see several thrilling developments soon that will speed up the integration of synthetic materials with cells significantly and open up a series of new applications. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: cell–surface interactions, interfaces between biomaterials and tissue, chemistry/biochemistry of the nanostructured biointerfaces, biocompatible thin-film synthesis and characterization, medical applications of nanostructured biointerfaces (protein immobilization, gene delivery, biosensors, cancer therapy), and piezoelectric materials for cell stimulation. We look forward to receiving your contributions.

### Guest Editor

Dr. Vladimir Lucian Ene

Department of Science and Engineering of Oxide Materials and Nanomaterials, Faculty of Applied Chemistry and Materials Science, University Politehnica of Bucharest, 060042 Bucharest, Romania

### Deadline for manuscript submissions

closed (30 April 2023)



## Surfaces

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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.

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### Editor-in-Chief

Prof. Dr. Gaetano Granozzi

Department of Chemical Science, Università degli Studi di Padova,  
Padua, Italy

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### Author Benefits

#### High Visibility:

indexed within ESCI (Web of Science), Scopus, Inspec, CAPlus / SciFinder, and other databases.

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is provided to authors approximately 17.3 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).

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