



Applied Surface Science Advances

November 2023



This certificate is to acknowledge

Miroslav Pavlović

as a highly valued

Guest Editor

of the journal Applied Surface Science Advances
between May 2022 and November 2023

Editor-in-chief
Applied Surface Science Advances





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Call for Papers — Special Issue for AdvMatBiomedApp — Recent Advancements in Surfaces & Interfaces of Materials and Composites for Biomedical Application

May 2022

Articles submitted to this special issues are free of Article Publishing Charge!

This special issue aims to gather a list of scientific papers in the field of design, development and characterization of advanced materials for potential biomedical use that have contributed to our better understanding of these materials.

Special issue information:

Call for Papers — Special Issue for AdvMatBiomedApp — Recent Advancements in Surfaces & Interfaces of Materials and Composites for Biomedical Application

A call from Applied Surface Science Advances (APSADV) is launched, for contributions to a Special Issue (SI) dedicated to the exploring the materials and composites for potential biomedical application and recent advancements in surfaces and interfaces of such materials.

We are pleased to propose the Special Issue entitled “Recent Advancements in Surfaces & Interfaces of Materials and Composites for Biomedical Application” at Applied Surface Science Advances.

The science of biomaterials, as well as their potential use in biomedicine and their application in medicine, has experienced rapid growth and renaissance in recent years due to the recognition of their benefits. Their importance and use are rapidly and continuously growing and evolving, and the result is the advancement of biomedicine and medicine.

Recognizing the attractiveness of materials and composites for potential biomedical applications, ever growing number of researchers are engaged in multidisciplinary investigations related to materials and biomedical technologies, which includes knowledge of chemistry, biochemistry, electrochemistry, technology, nanotechnology, biology, bioengineering, dentistry and medicine.

The main goals are to improve the characteristics of materials and composites for use in dentistry and

medicine as implants or as biomedical devices. The use of composites as biomaterials is becoming more and more common, where at least one of the materials is of natural origin. Nanomaterials as biomaterials are at the very top in terms of attractiveness due to their possibilities of biomedical application, whether individually, or as composites.

This special issue aims to gather a list of scientific papers in the field of design, development and characterization of advanced materials for potential biomedical use that have contributed to our better understanding of these materials. The aim of this issue is to show the progress in synthesis, development and characterization methods, which can provide valuable indications of the composites design influence for applications of these materials. Also, this special issue will deal with study of the surfaces of restorative dental materials after the impact with the oral biological environment and *in vivo* study of dental and dental prostheses surfaces.

All submissions should be prepared according to the suggestions for **Applied Surface Science Advances** authors and will be peer-reviewed. Please see details from Guide for Authors at a similar Elsevier journal:

<https://www.elsevier.com/journals/applied-surface-science-advances/2666-5239/guide-for-authors>

Guest Editors of this SI :



Dr. Miroslav Pavlović

University of Belgrade, Institute of Chemistry, Technology and Metallurgy, National Institute of the Republic of Serbia, Department of Electrochemistry, Belgrade, Serbia



Prof. Dr. Ladislav Vrsalović

University of Split, Faculty of Chemistry and Technology, Department of Electrochemistry & Materials Protection, Split, Croatia



Prof. Dr. Horia Octavian Manolea, MD

University of Medicine and Pharmacy Craiova, Faculty of Dentistry, Department of Dental Materials, Craiova, Romania

Important notes for potential authors who intend to contribute to this SI:

- This SI will undergo VSI (virtual special issue) workflow, in which articles will be published in regular issues as soon as they are accepted. That means the accepted papers will not be kept 'on the shelf' until all submissions to the SI obtain a final decision, and Elsevier will collect the SI articles from all the volumes and combine it into a "Special Issue Collection" in Science Direct.
- Please choose the Article Type of "**VSI: AdvMatBiomedApp**" in the Elsevier Submission System for **Applied Surface Science Advances**.
- The deadline for receipt of full submission is: **15th of December 2022**

Manuscript submission information:

Please choose the Article Type of "VSI: AdvMatBiomedApp" in the Elsevier Submission System:

<https://www.editorialmanager.com/apsadv/default1.aspx> for Applied Surface Science Advances.

The deadline for receipt of full submission is: 15th of December 2022

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- Special Issue articles are published together on ScienceDirect, making it incredibly easy for other researchers to discover your work.
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