Special Issue

Bioactive Properties of Advanced Nanomaterials

Message from the Guest Editors

The use of antimicrobial bioactive phytoconstituent molecules is among the most promising eco-friendly strategies to favours aseptic conditions in hospitals, by preventing the biofilm development on the medical devices/surfaces. Original research and review papers are welcomed in the following topics (though not exclusively):

- Case studies regarding healthcare associated infections
- Antimicrobial strategies against healthcare associated infections
- Novel antimicrobial nano-coatings efficient against healthcare associated infections;
- Photocatalytic systems efficient in combating healthcare associated infections
- Phytocomponent alternatives for development of aseptic conditions;

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Deadline for manuscript submissions

closed (30 September 2021)

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About the Journal

Message from the Editor-in-Chief

The biomaterials field is one of the largest and fastest growing research areas both in the scientific community and in the industrial one. Biomaterials are the result of collaborations between different disciplines: chemistry, medicine, pharmacology, engineering and biology. The objective of this collaboration is to lead to the implementation of new devices to restore form and human body functions. The mission of the *Journal of Functional Biomaterials* (*JFB*) is to focus attention on physico-chemical characteristics and their importance in the interactions between biomaterials and living tissues. *JFB* seeks to publish studies on the preparation, performance and use of biomaterials in biomedical devices, as well as regarding their behavior in physiological environments. We are pleased to welcome you as our authors.

Editor-in-Chief

Prof. Dr. Pankaj Vadgama
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