

Special Issue

Biomaterials for Biosensing and Other Biomedical Applications

Message from the Guest Editors

This Special Issue is dedicated to the topic Biomaterials for Biosensing and Other Biomedical Applications. Recently, there has been a great deal of focus on understanding and engineering biomaterial interfaces, with functional perspectives in different bio-sectors of the modern world. The key scientific advances in biotechnology have presented next generation concepts related to biomaterials. Biomaterials can be used in contact with the human body in the biomedical field, but also as scaffolds for biosensor devices, implants, tissue engineering, drug delivery systems, as well as antibacterial and dental structures. Biomaterials provide unique opportunities to engineer different biological, polymeric and ceramic nanocomposites coupled with electrical and sensing components, to design efficient sensing prototypes. This Special Issue will focus on original research articles, short communication and review articles, addressing all aspects of the biomaterials field, with a highly interdisciplinary scope, from the biomaterials synthesis, characterization and testing, to their biomedical applications, with special emphasis on biosensor applications.

Guest Editors

Dr. Ana Dora Rodrigues Pontinha
Dr. Patrícia Alves
Dr. Ana-Maria Chiorcea-Paquim

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Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
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Message from the Editor-in-Chief

The *International Journal of Molecular Sciences (IJMS)* is an open access journal, which was established in 2000. The journal aims to provide a forum for scholarly research on a range of topics, including biochemistry, molecular and cell biology, and molecular biophysics. *IJMS* publishes both original research and review articles, and regularly publishes special issues to highlight advances at the cutting edge of research. We invite you to read recent articles published in *IJMS* and consider publishing your next paper with us.

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Prof. Dr. José L. Quiles
Department of Physiology, Institute of Nutrition and Food Technology
"Jose Mataix", Biomedical Research Center, University of Granada,
Avda. Conocimiento s/n, 18100 Armilla, Granada, Spain

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