



Biomaterials for Biosensing and Other Biomedical Applications

Guest Editors:

**Dr. Ana Dora Rodrigues
Pontinha**

Chemical Process Engineering
and Forest Products Research
Centre, University of Coimbra,
3004-531 Coimbra, Portugal

Dr. Patrícia Alves

Department of Chemical
Engineering, Chemical Process
Engineering and Forest Products
Research Centre (CIEPQPF),
University of Coimbra, 3030-790
Coimbra, Portugal

**Dr. Ana-Maria Chiorcea-
Paquim**

Centre for Mechanical
Engineering, Materials and
Processes (CEMMPRE),
Department of Chemistry,
University of Coimbra, 3004-535
Coimbra, Portugal

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.

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Editor-in-Chief

Prof. Dr. Maurizio Battino

Department of
Odontostomatologic and
Specialized Clinical Sciences,
Sez-Biochimica, Faculty of
Medicine, Università Politecnica
delle Marche, Via Ranieri 65,
60100 Ancona, Italy

Message from the Editor-in-Chief

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*International Journal of Molecular
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MDPI, St. Alban-Anlage 66
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