

Special Issue

Mechanisms in Biofilm Formation, Tolerance and Control: 2nd Edition

Message from the Guest Editors

Research on biofilms has progressed rapidly in the last two decades. The scientific community has come to understand many things about the particular biology of microbial biofilms through a variety of microscopic, physical, chemical, and molecular techniques. Such advances provided fundamental insights for the management of biofilms by different approaches. For problematic biofilms, some studies seek to prevent biofilm formation, others aim to develop antimicrobial agents to treat existing biofilms, and others to disrupt the polymeric ties that bind the biofilms together. It is now clear that the study of biofilms requires a multidisciplinary approach, and that the knowledge on many of the aspects affecting biofilm formation and resistance remains superficial. This Special Issue aims to collect the recent advances in biofilm research, particularly the mechanisms underlying biofilm formation and tolerance to antimicrobials. Studies on control approaches targeting specific biofilm mechanisms are within the aim of this Special Issue.

Guest Editors

Dr. Manuel Simões

LEPABE, Department of Chemical Engineering, Faculty of Engineering, University of Porto, Rua Roberto Frias, s/n, 4200-465 Porto, Portugal

Dr. Lúcia Chaves Simões

Department of Biology, University of Minho, Campus de Gualtar, 4710-057 Braga, Portugal

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MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
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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

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