Special Issue

Control of Bacterial Adhesion and Biofilms: Theory, Methods and Applications

Message from the Guest Editors

This Special Issue will focus on the mechanisms behind bacterial biofilm formation and adhesion to surfaces. Bacterial biofilms are a significant hazard in many different fields, such as medicine, food safety, water quality, biofouling and many more. However, bacterial adhesion has been recently identified as an important factor for efficient gut colonization by beneficial bacteria that lead to improved human health. In this Special Issue, we welcome articles about biofilm formation by both pathogenic and beneficial bacteria.

Guest Editors

Dr. Georgios Efthimiou

Centre for Biomedicine, Hull York Medical School, Cottingham Road, Hardy Building, Hull HU6 7RX, UK

Dr. Ramona Iseppi

Department of Life Sciences, University of Modena and Reggio Emilia, Via G. Campi 287, 41125 Modena, Italy

Deadline for manuscript submissions

closed (31 July 2024)



Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



mdpi.com/si/195804

Applied Sciences Editorial Office MDPI, Grosspeteranlage 5 4052 Basel, Switzerland Tel: +41 61 683 77 34 applsci@mdpi.com

mdpi.com/journal/applsci





Applied Sciences

an Open Access Journal by MDPI

Impact Factor 2.5 CiteScore 5.5



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo

Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

