



## Biofilms at Interfaces

Guest Editor:

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Deadline for manuscript submissions:

**closed (31 July 2023)**

### **Message from the Guest Editor**

Bacteria are everywhere. They can attach and form biofilms at interfaces (solid–liquid, liquid–liquid, liquid–air) that can impact different industries, e.g., healthcare, food packaging, pharmaceuticals, and oil recovery. Biofilms are accumulations of microbial cells which are embedded in a matrix of extracellular polysaccharides. Biofilms are mostly deleterious, i.e., biofilm formation takes place in food processing equipment, heat exchanger plate surfaces, water pipelines, and medical devices. They can also be beneficial in applications such as bioremediation and wastewater treatment.

This Special Issue aims to collect papers focused on biofilm formation at interfaces (solid–liquid, liquid–liquid, liquid–air), with special interest in the following:

- Understanding of the physicochemical properties of bacterial biofilms at interfaces;
- Development of novel strategies to prevent or eradicate detrimental biofilms;
- Strategies that promote formation of beneficial biofilms.





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## Message from the Editor-in-Chief

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