

# Special Issue

## Flagella

### Message from the Guest Editor

Flagella are complex and fascinating structures that allow bacteria to swim in liquid environments or to swarm on soft and moist surfaces. The synthesis and functioning of flagella are very expensive for bacteria; highly regulated gene expression by environmental conditions is observed and is an important area of research on flagella.

Flagella are considered to be a critical virulence factor for pathogenic bacteria, with examples of host cell adhesion, entrance, and biofilm formation; studies in this area are essential to decipher the host–pathogen relationship. Finally, studies on the use of flagella as a vaccine adjuvant or as a target for vaccine in addition to studies about flagellotropic bacteriophages are important to evaluate particularly potent antibacterial therapies.

This Special Issue on bacterial flagella welcomes original results or reviews on all those various areas of basic and application-oriented research.

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#### Guest Editor

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#### Deadline for manuscript submissions

closed (30 October 2022)



## International Journal of Molecular Sciences

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The International Journal of Molecular Sciences (*IJMS*, ISSN 1422-0067) 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, molecular biophysics, molecular medicine, and all aspects of molecular research in chemistry. *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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