

Special Issue

Biomolecules of *Legionella* – Tiny Parts Building the Virulence Machinery

Message from the Guest Editor

In the next year, microbiologists will acknowledge the 45th anniversary of the first description of *Legionella pneumophila* and the establishment of its role as an infectious agent of a human disease (McDade et al., 1977). This paradigm soon became widely adopted as a general concept of bacterium–host cell interaction, and *Legionella* has been recognised as a model organism. Excellent reviews and exciting experimental papers are available and are dedicated to processes manipulated by *Legionella* products. However, in this Special Issue, I would like to “come back to the roots” and to illuminate the individual properties of the biomolecules—effectors, nucleic acids, enzymes, microbial surface structures—that are created for the smooth running of the virulence machinery. In this Special Issue, original research articles and reviews are welcome. Research areas may include (but are not limited to) the following: biochemistry, genetics, molecular biology, and structural biology. I look forward to receiving your contributions.

Guest Editor

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Message from the Editorial Board

Biomolecules is a multidisciplinary open-access journal that reports on all aspects of research related to biogenic substances, from small molecules to complex polymers. We invite manuscripts of high scientific quality that pertain to the diverse aspects relevant to organic molecules, irrespective of the biological question or methodology. We aim for a competent, fair peer review and rapid publication. Please look at some of the exciting work that has been published in *Biomolecules* so far. We would be delighted to welcome you as one of our authors.

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