



Host-Pathogen Interactions in *Acinetobacter baumannii* Infection

Guest Editor:

Message from the Guest Editor

Deadline for manuscript
submissions:
closed (31 October 2021)

Acinetobacter baumannii causes severe and often fatal healthcare-associated infections. There is an urgent need for new knowledge on how *A. baumannii* colonize, transmit, and infect the host and how the host immune system responds to the infection at both systemic and tissue levels, which is critical for identifying novel therapeutic targets and developing knowledge-driven strategies for infection control. The aim of this Special Issue is to provide insight into the complex cellular and molecular interactions of *A. baumannii* with the host and its impact on the outcome of infection. More specifically, we wish to invite Original Research articles, Reviews, and Commentaries that address the following topics:

- Novel bacterial virulence factors, tissue tropism, and pathogenesis mechanisms;
- Crosstalk between *baumannii* and other microbes in the infection process and in polymicrobial infections;
- Host signaling in the regulation of the virulence and metabolisms of *baumannii*;
- Resistance to and evasion of the host immune response by *baumannii*;
- Host immune status on the susceptibility to *baumannii* infection;
- Novel methods and systems for studying host-*baumannii* interaction.





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Editor-in-Chief

Prof. Dr. Nicholas Dixon

School of Chemistry and
Molecular Bioscience, University
of Wollongong, Wollongong, NSW
2522, Australia

Message from the Editor-in-Chief

There are very few fields that attract as much attention as scientific endeavor related to antibiotic discovery, use and preservation. The public, patients, scientists, clinicians, policy-makers, NGOs, governments, and supra-governmental organizations are all focusing intensively on it: all are concerned that we use our existing agents more effectively, and develop and evaluate new interventions in time to face emerging challenges for the benefit of present and future generations. We need every discipline to contribute and collaborate: molecular, microbiological, clinical, epidemiological, geographic, economic, social scientific and policy disciples are all key. *Antibiotics* is a nimble, inclusive and rigorous indexed journal as an enabling platform for all who can contribute to solving the greatest broad concerns of the modern world.

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Contact Us

Antibiotics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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