

## Special Issue

# Antibiotic Resistance in Gram Negative Bacteria: An Increasing Issue in Human Health

### Message from the Guest Editor

Antibiotic resistance is one of the biggest challenges for global health. In human medicine, antibiotic resistance, by delaying effective healthcare, often leads to longer hospital stays, higher medical costs, and increased mortality. If antibiotic resistance is an old phenomenon that occurs naturally, misuse of antibiotics in humans and animals is accelerating the process. New resistance mechanisms are emerging and spreading globally, threatening our ability to treat common infectious diseases. Fighting antibiotic resistance also requires a better understanding of the factors promoting the transfer of antibiotic resistance. This Special Issue welcomes submissions from different research fields that are describing the evolution, mechanism, and ways to fight antibiotic resistance. Keywords: antibiotics; antibiotic resistance; human health; antimicrobial; resistant genes

### Guest Editor

Dr. Baron Sophie

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### Deadline for manuscript submissions

closed (30 September 2022)



## Antibiotics

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## About the Journal

### 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 disciplines 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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### Editor-in-Chief

Prof. Dr. Nicholas Dixon  
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