

## Special Issue

# Omics of Bacterial Pathogens Applied to Antibiotic Resistance: A One Health and Host-Pathogen Interaction Approach

### Message from the Guest Editors

This Special Issue seeks manuscript submissions that further our understanding of host–pathogen interaction, including, but not limited to, the identification of virulence factors and resistance related genes in pathogenicity and resistance islands in pangenomics approaches, the identification of new vaccine and drug targets using reverse vaccinology and subtractive genomics to circumvent the increasing problem of multi-drug resistance, and protein–protein interaction and metabolic pathway prediction together with analyses of biofilm formation. Submissions on one health, genomic islands, and pangenomics approaches are especially encouraged.

### Guest Editors

Prof. Dr. Siomar De Castro Soares

Prof. Dr. Vasco Ariston De Carvalho Azevedo

Dr. Arun Kumar Jaiswal

Dr. Sandeep Tiwari

Dr. Flávia Figueira Aburjaile

### Deadline for manuscript submissions

closed (31 December 2023)



## 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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