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Bacterial Stress Responses and Antibiotic Resistance Phenotypes

Guest Editor:

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Deadline for manuscript submissions:
closed (30 November 2021)

Message from the Guest Editor

This Special Issue of *Antibiotics* is seeking manuscript submissions that advance our understanding of the stress-related molecular determinants that contribute to the development of antibiotic resistance phenotypes in bacteria. Submissions providing insight into the mechanistic link between nutrient (stringent)/cell envelope/oxidative/nitrosative stress and antibiotic resistance in bacteria are particularly encouraged

Keywords: Bacteria; Stress responses; Stress-enhanced antibiotic resistance; Stress determinants of antibiotic resistance phenotypes; Nutrient stress; Cell envelope stress; Oxidative stress; Nitrosative stress



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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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