



Microbial Drug Resistance Genes

Guest Editor:

Dr. Tim Downing
Biotechnology, Dublin City
University, Dublin, Ireland

Deadline for manuscript
submissions:
closed (31 July 2020)

Message from the Guest Editor

Dear Colleagues,

This Special Issue on "Microbial Drug Resistance Genes" encompasses all fields linked to pathogens' genes, genotypes and elements facilitating resistance to drugs, antibiotics and antimicrobial agents, including viral, protozoal, bacterial, fungal and algal pathogens. Particular consideration will be given to transdisciplinary research synthesizing molecular, cellular, microbiological, computational and epidemiological approaches to pathogen drug resistance. Studies assessing interactions among multi- and pan-drug resistance phenotypes and their genetic basis are encouraged, along with those examining the genomic and evolutionary context of mobilized, amplified or rearranged drug resistance genes. Lastly, papers bridging molecular diagnostics and surveillance of genetic elements associated with drug resistance would be appreciated.

Dr. Tim Downing
Guest Editor





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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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Antibiotics Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
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