



Novel Mechanisms of Action for Anti-bacterial Drugs

Guest Editor:

Prof. Dr. William R. Schwan

Department of Microbiology,
University of Wisconsin-La
Crosse, 1725 State St., La Crosse,
WI 54601, USA

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Message from the Guest Editor

Dear Colleagues,

Antibiotic resistance is a growing problem among bacterial populations. There is a dire need for new antibiotics to combat the antibiotic resistance problem. Many new drugs being developed are derivatives of older antibiotics that have the same mechanism of action. Ideally, new antibiotics with novel mechanisms of action could help to minimize the antibiotic resistance problem associated with bacteria. This Special Issue will focus on current research that is involved in characterizing new anti-bacterial drugs with mechanisms of action that are distinct from approved drugs on the market.

Keywords: mechanism of action; anti-bacterial drugs; antibiotics; novel drugs; novel scaffolds





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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, St. Alban-Anlage 66
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