Symbiosis
SOJ Microbiology & Infectious Diseases

Special Issue on

"Antimicrobials and Their Inhibitors"

Aims and Scope

SOJ Microbiology & Infectious Diseases is an open access peer reviewed journal, solely designed for the worldwide scientific community that addresses current research on microbiology, which aims to provide an exclusive platform for publishing worthy research work. The journal aims to frame up an outstanding special issue on Antimicrobials and their Inhibitors.

An antimicrobial is an agent of Natural, Semi synthetic or Synthetic origin that kills or inhibits the growth of microbes but causes little or no damage to the host. Antimicrobials consist of all agents that act against all types of microorganisms- Bacteria (Antibacterial), Viruses (Antiviral), Fungi (Antifungal) and Protozoa (Antiprotozoal). The introduction of antimicrobials brought a revolutionary change in human and animal health system against infectious diseases, resulting in improved survivability for both humans and animals. This rapidly advancing field is now bearing the results of interdisciplinary efforts by the researchers in the field of microbiology.

The objective of the special issue is to integrate the growing international community of researchers working on the topics like Antimicrobial agents in the Treatment of Infectious diseases, Antimicrobial pharmacodynamics, and Antimicrobial agents: Modes of action, Aminoacyl- tRNA Synthetase Inhibitors, Adverse Effects of Antimicrobial agents.

Topics

This special issue deals with the topics of the following but not limited to

Metabolic Antimicrobial Inhibitors

Adverse Effects of Antimicrobial Agents

Antimicrobial Chemotherapy

Antimicrobial Pharmacodynamics

Protein Synthesis Inhibitors

Aminoacyl-tRNA Synthetase Inhibitors

Antimicrobial Agents: Modes of Action

Antimicrobial Agents in the Treatment of Infectious Disease

Antimicrobial Peptides

Antimicrobial Pesticides

Non-pharmaceutical Antimicrobial Compounds

Nucleic Acid Inhibitors

Natural Intrinsic Antimicrobial Properties

Immunomodulators as Adjuvant for Antimicrobial Therapy

Regulatory Hurdles for New Antimicrobials

Inhibiting Cell Wall Synthesis

Biochemical Basis of Antimicrobial Action

Toxicology of Antimicrobial Agents

Antimicrobial Impact on Human Health

Submissions

Authors are invited to submit articles which address the progress and current standing of Antimicrobials and their Inhibitors. Please refer Author guidelines before submission.

Author benefits for these submissions will be found at Special issue page. Use the Online Manuscript Tracking System to submit your papers or e-mail it to microbiology@symbiosisonline.org

Submissions are open from January 26, 2015

Editorial Contact
Ellen Spencer
SOJ Microbiology & Infectious Diseases
Symbiosis Group
1203, Heron Dr.
Normal, IL 61761
T +1-872-356-4001
F +1-309-424-5750
microbiology@symbiosisonline.org