



New Advances in Infection Control Research

Guest Editors:

Dr. Raja Veerapandian

Department of Molecular and
Translational Medicine, Center of
Emphasis in Infectious Diseases,
Texas Tech University Health
Sciences Center El Paso, El Paso,
TX 79905, USA

Dr. Jagdish Joshi

School of Pharmacy, Lake Erie
College of Osteopathic Medicine
(LECOM), Erie, PA 16509, USA

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Message from the Guest Editors

Antimicrobial resistance (AMR) is one of the major threats of our time, and it is one of the top 10 global public health issues. AMR may result in no treatment, or cause serious side effects due to the use of high dosages. If antibiotics lose their efficacy due to AMR then we will be unable to treat infections, which is a major public health concern. AMR is challenging, especially in low-income countries, due to the irrational use of antimicrobials. Given the complexity of AMR and its impact on humans, animals, and the environment, we need multiple approaches to overcome these obstacles. Potential topics for submission to this Special Issue include (but are not limited to) the following topics: the mechanism of AMR, new therapeutic strategies such as drugs and vaccines against AMR pathogens, diagnostic strategies that help to identify infections, COVID-19 and AMR, the surveillance of AMR, and infection control plans.





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Prof. Dr. Paul B. Tchounwou

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University, 1700 E. Cold Spring
Lane, Baltimore, MD 21251, USA

Message from the Editor-in-Chief

Addressing the environmental and public health challenges requires engagement and collaboration among clinicians and public health researchers. Discovery and advances in this research field play a critical role in providing a scientific basis for decision-making toward control and prevention of human diseases, especially the illnesses that are induced from environmental exposure to health hazards. *IJERPH* provides a forum for discussion of discoveries and knowledge in these multidisciplinary fields. Please consider publishing your research in this high quality, peer-reviewed, open access journal.

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