



Biotechnology to Address the Challenges of Antimicrobial Resistance

Guest Editor:

Prof. Dr. Mark Chambers

Faculty of Health and Medical Sciences, University of Surrey, Guildford GU2 7XH, UK

Deadline for manuscript submissions:

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Message from the Guest Editor

The emerging challenge of antimicrobial resistance (AMR) represents a global threat to the effective prevention and treatment of infections caused by viruses, bacteria, fungi, and parasites. By 2050, the deaths associated with AMR could reach 700 million with an associated cost of \$14 billion (KPMG, 2014). In this Special Issue, we wish to explore biotechnological approaches to addressing the challenges of AMR. All aspects of biologics derived from both novel and established biotechnologies are within our scope insofar as they relate to AMR. We particularly welcome submissions covering:

- Natural antimicrobials derived from living systems, especially plants and bacteriophages.
- (Bio)synthesis of antimicrobials.
- Biologics to remove/inhibit biofilm formation.

KPMG (2014). The global economic impact of antibiotic resistance. London: KPMG.

