



## Development of Antibacterial Drugs to Combat Drug-Resistant Bacteria

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### Message from the Guest Editor

Dear Colleagues,

Antimicrobial resistance is responsible for more than 35,000 deaths per year in the EU/EEA and imposes significant costs, particularly on healthcare systems. Overall, recent data suggest a significant upward trend in infections and associated deaths in almost all combinations of ‘antibiotic resistance’, particularly in healthcare settings. The consequence of the use of antibiotics is not only the selection of antibiotic-resistant microorganisms, but also a negative impact on the human body as a whole in the form of various side effects. Since the constant growth of the antibiotic resistance of microorganisms is becoming a global problem, the development of new therapeutic solutions, including alternatives to antimicrobial drugs, or the improvement of existing ones is urgently needed.

What are the best next steps? Are there promising clinical trials that keep in mind the serious expectation that antimicrobial resistance (AMR) will kill up to 10 million people a year by 2050? Sharing your research and your thoughts can solve this major healthcare issue.





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