

## Special Issue

# Novel Antimicrobial Agents

### Message from the Guest Editor

The need for novel antimicrobial agents is pressing due to the increasing prevalence of antimicrobial-resistant microorganisms. Antimicrobial resistance (AMR) is a major global health threat that has been exacerbated by the overuse and misuse of antimicrobials. AMR occurs when microorganisms evolve to become resistant to the drugs that are designed to kill them, leading to the development of so-called “superbugs” that are difficult or impossible to treat. These “superbugs” can cause severe infections and are a major concern for public health. To combat the growing problem of AMR, it is crucial to develop new antimicrobial agents that can effectively kill these resistant microorganisms. These novel agents could include new types of antibiotics, as well as antivirals, antifungals, and antiparasitics. In addition to developing these agents, it is also important to ensure that they are used responsibly in order to minimize the development of resistance. Overall, the need for novel antimicrobial agents is crucial for protecting public health and addressing the global threat of AMR.

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