

## Approach to using antibiotics and antifungals

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We live in an age of increasing microbial resistance. Therefore, antibiotic stewardship should be one of our prime objectives. One of the simplest and perhaps most crucial ways to improve the use of antimicrobials is to educate

practitioners and the patients and help them decide which agent to choose. I will discuss the basic mechanism of action and resistance for antimicrobials. I will be discussing how to minimize the adverse reactions associated with particular classes of drugs. The purpose would be to provide a tool for clinicians to pick the right drug for the bug they are treating.

### Biography

Budder Siddiqui is a Board Certified Assistant Professor at the Medical College of Georgia.

He has practiced as a fulltime Infectious Diseases Clinician since 2016. Prior to that, he served as an Academic Hospitalist at the University of Buffalo. His research background includes case reports, poster presentations and the current pursuit of clinical trials including the investigational monoclonal antibody MEDI3902 for the prevention of nosocomial pneumonia caused by *Pseudomonas aeruginosa*. Furthermore, he is also working on a novel antibiotic (Afibicin, Debio 1450) for treating *Staphylococcus aureus* bone and joint infections. With his unique background and captivating charisma, Siddiqui engages his audience and delivers a brilliant presentation that will spark interest and innovation.

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