Antibiotics and Antibiotic Resistance

This book, which is the translated version of a Swedish book, combines a general introduction of a variety of antibiotics with a more in-depth discussion of resistance.

The focus on resistance in learning about antibiotics will help future scientists recognize the problem antibiotics resistance poses for medicinal and drug-related fields, and perhaps trigger more research and discoveries to fight antibiotic resistant strains.

Current overviews of the topic are included, along with specific discussions on the individual mechanisms (beta-lactams, glycopeptides, aminoglycosides, etc) used in various antibacterial agents and explanations of how resistances to those develop. Methods for counteracting resistance development in bacteria are discussed as well.

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