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Autore	Skld Ola
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Development of Resistance; Sulfonamides; Sulfonamides as Remedies; Resistance to Sulfonamide; Resistance to Sulfonamides in *Neisseria meningitidis*; Characterization of the Sulfonamide-Resistant Dihydropteroate Synthase in *N. meningitidis*; Characterization of the Other Sulfonamide-Resistant Dihydropteroate Synthase in *N. meningitidis*; Resistance to Sulfonamides in *Streptococcus pyogenes*; Resistance to Sulfonamides in *Campylobacter jejuni*; Resistance to Sulfonamides in *Streptococcus pneumoniae*; Resistance to Sulfonamides in *Pneumocystis jirovecii* (carinii); Resistance to Sulfonamides in *Staphylococcus aureus* and *S. haemolyticus*; Resistance to Sulfonamides in *Mycobacterium leprae*; Plasmid-Borne Resistance to Sulfonamides; Trimethoprim; Innate Resistance to Trimethoprim; Chromosomal Resistance to Trimethoprim; Plasmid-Borne Resistance to Trimethoprim; Possible Pathogenicity Change in *C. jejuni* by Acquiring Trimethoprim Resistance Genes
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Clinical Side Effects

Sommario/riassunto

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 var