


50S INHIBITION.

Chloramphenicol.

- Isolated from Streptomycin.
- Bacteriostatic: G+ve, G-ve
- Bacteriosidal: Hemophilus & Neisseria.

Oxazolidinones.

- Linezolid → MOA
- Tedizolid.
- Gram+ aerobics & anaerobics
- MRSA, VRSA, VRE.
- SE: Cheese reaction  Serotonin Syndrome

Aminoglycosides.

- Gentamycin.
- Streptomycin.
- Amikacin.
- Gram negative + Pseudomonas.
- SE: nephrotoxicity & Ototoxicity

ANTIBIOTICS

Inhibit Protein Synthesis.

Macrolides

- Erythromycin.
- Clarithromycin.
- Azithromycin. → walking pneumonia
- Spiramycin. → Toxoplasma during pregnancy
- Gram + / -
- Atypical pneumonia.
- ↳ Legionella
- ↳ Mycoplasma
- ↳ Mycobacteria
- ↳ Chlamydia
- ↳ H. influenza.

Streptogramins.

- Quinupristin.
- Dalfo pristin.
- Multi. resistance Gram +.
- ↳ VRE, MRSA, VRSA.

Lincosamide.

- Lincomycin.
- Clindamycin.
- Gram + Cocci but NOT Enterococci.
- Anaerobic except C. difficile.

Tetracyclines.

- Tetracyclin
- doxycyclin
- Oxytetracyclin.
- ICB & atypical bacteria.
- ↳ Lyme → Borrelia
- ↳ Q Fever → Coxiella.
- SE: Photosensitivity
- Chelate w/ ion metals.

1. Vancomycin 
2. Linezolid 
3. Tigecyclin 

30S INHIBITION.