

- penicillin
- cephalexin
- vancomycin

Mechanisms of action of antibiotics on the bacteria cell:

- Agents affecting **cell wall**:

- Penicillins
- Vancomycin
- Imipenem
- Cephalosporins
- Cycloserine
- Bacitracin
- Aztreonam

- Agents interfering with **protein synthesis**:

- Tetracycline
- Erythromycin
- Azithromycin
- Aminoglycosides
- Lincomycin
- Clarithromycin
- Chloramphenicol
- Clindamycin

- Agents interfering with normal **biosynthetic pathways**:

- Sulfonamides
- Trimethoprim
- Fluoroquinolones (*i.e.*, *ciprofloxacin*, *norfloxacin*, *levofloxacin*, *moxifloxacin*, and *gemifloxacin*)

Note: The most common clinical cause of **bacterial resistance** is the use of antibiotics when they **are not indicated**.