

Spring 1-2003

PHAR 328.01: Antimicrobial Agents

David S. Freeman

University of Montana - Missoula

Let us know how access to this document benefits you.

Follow this and additional works at: <https://scholarworks.umt.edu/syllabi>

Recommended Citation

Freeman, David S., "PHAR 328.01: Antimicrobial Agents" (2003). *Syllabi*. 4290.
<https://scholarworks.umt.edu/syllabi/4290>

This Syllabus is brought to you for free and open access by the Course Syllabi at ScholarWorks at University of Montana. It has been accepted for inclusion in Syllabi by an authorized administrator of ScholarWorks at University of Montana. For more information, please contact scholarworks@mso.umt.edu.

Reading
in Text

II. Antibacterial Agents

- 1171-1179 A. Sulfonamides and TRIMETHOPRIM
1179-1183 B. Quinolones, Fluoroquinolones
1184-1185 C. NITROFURANTOIN and METHENAMINE
D. Beta-lactam Antibiotics
1189-1205 1. Penicillins
1214-1215 2. Beta-lactamase inhibitors (CLAVULANIC ACID, SULBACTAM, TAZOBACTAM)
1206-1213 3. Cephalosporins
1213-1214 4. Carbapenems (IMIPENEM), Carbacephems (LORACARBEF),
Monobactams (AZTREONAM)
1261-1266 E. SPECTINOMYCIN, POLYMYXIN, VANCOMYCIN, TEICHOPLANIN, BACITRACIN
1219-1234 F. Aminoglycosides
1239-1246 G. Tetracyclines
1250-1256 H. Macrolides (ERYTHROMYCIN, AZITHROMYCIN, CLARITHROMYCIN)
1246-1250 I. CHLORAMPHENICOL
1256-1258 J. CLINDAMYCIN
1258-1259 K. Streptogramins (QUINUPRISTIN, DALFOPRISTIN)
1260-1261 L. Oxazolidinones (LINEZOLID)
1105-1108 M. METRONIDAZOLE

III. Anti-mycobacterial Agents

- 1273-1282 A. Drugs for Tuberculosis
* ISONIAZID RIFAMPIN PYRAZINAMIDE ETHAMBUTOL *
1286-1288 B. Drugs for Mycobacterium Avium Complex

IV. Antifungal Agents

- 1295-1300 A. AMPHOTERICIN B and FLUCYTOSINE
1301-1305 B. Imidazole and Triazole Antifungal Agents (azoles)
* KETOCONAZOLE ITRACONAZOLE FLUCONAZOLE VORICONAZOLE *
1305-1306 C. GRISEOFULVIN and TERBINAFINE and CASPOFUNGIN
1307-1310 D. Topical Antifungal Agents
* CLOTRIMAZOLE MICONAZOLE TOLNAFTATE NAFTIFINE *
* NYSTATIN UNDECYLENIC ACID *

V. Antiviral Agents

- 1313-1317 A. Overview of Viral DNA and RNA Biochemical Processes
1317-1319 B. Overview of Biochemical Mechanisms of Action and Resistance Development
1317-1328 C. Non-HIV Antiviral Agents
* ACYCLOVIR VALACYCLOVIR CIDOFOVIR DOCOSANOL *
* FAMCICLOVIR PENCICLOVIR FOSCARNET GANCICLOVIR *
* VALGANCICLOVIR TRIFLURIDINE VIDARABINE *
1329-1332 D. Antiinfluenza Agents * AMANTADINE RIMANTIDINE OSELTAMIVIR ZANAMIVIR *
1332-1340 E. Other Antiviral Agents

VI. HIV Antiviral Agents

- 1349-1353 A. Overview of HIV Infection
1353-1360 B. Nucleoside Reverse Transcriptase Inhibitors * ZIDOVUDINE DIDANOSINE
STAVUDINE ZALCITABINE LAMIVUDINE ABACAVIR TENOFOVIR *
1360-1363 C. Nonnucleoside Reverse Transcriptase Inhibitors
* NEVIRAPINE DELAVIRDINE EFAVIRENZ *
1364-1373 D. Protease Inhibitors
* SAQUINAVIR INDINAVIR RITONAVIR NELFINAVIR AMPRENAVIR *

1076, 1109-1111

E. Drugs for Opportunistic Infections

* ATOVAQUONE PENTAMIDINE *