

Microbiologists, microbe names, drugs, diseases	Vocabulary and concepts
Leeuwenhoek (1600s) Linnaeus (1700s) Jenner (1700s) Pasteur (1800s) Semmelweis (1800s) Lister (1800s) Koch (1800s) Fleming (1900s) Marshall (1900s) <i>Escherichia coli</i> <i>Staphylococcus aureus</i> and MRSA <i>Naegleria fowleri</i> <i>Dracunculus medinensis</i> <i>Candida albicans</i> <i>Lactobacillus</i> <i>Gardnerella vaginalis</i> <i>Clostridium difficile</i> <i>Saccharomyces cerevisiae</i> <i>Acetobacter</i> <i>Bacillus anthracis</i> <i>Penicillium notatum</i> <i>Helicobacter pylori</i> <i>Streptococcus pneumoniae</i> <i>Mycobacterium tuberculosis</i> <i>Mycobacterium leprae</i> <i>Clostridium botulinum</i> <i>Clostridium tetani</i> Measles virus Influenza virus Cowpox virus Smallpox virus Phenol Penicillin Bismuth subsalicylate ("Pepto-Bismol") Omeprazole ("Prilosec") Clarithromycin ("Biaxin") Metronidazole ("Flagyl") Measles Mad cow disease/bovine spongiform encephalopathy (BSE) Creutzfeldt-Jakob disease (CJD) Chronic wasting disease (CWD) Scrapie	Microbiology and microbes Binomial nomenclature Genus and species Bacteria Prokaryotes vs. eukaryotes Protists Helminths Fungi Viruses Prions Competitive exclusion Microbiome Fecal transplantation Probiotics Vaccine Pasteurization Spontaneous generation Biogenesis Aseptic techniques Nosocomial (hospital-acquired) infections Koch's postulates Peptic ulcers Symptoms vs. signs Anemia Esophagogastroduodenoscopy Urea breath test Urease Antacid Acid secretion inhibitor Antibiotics Micrometers (microns) Millimeters Nanometers Relative sizes of microbes Simple stain Differential stain Gram stain (know steps) Gram-negative and Gram-positive Peptidoglycan Lipopolysaccharide Negative stain Capsules Flagellar stain Motility

Anthrax TB/tuberculosis Leprosy/Hansen's disease CDIFF Botulism Tetanus Floppy baby syndrome/infant hypotonia	Atrichous, monotrichous, peritrichous, amphitrichous, lophotrichous Acid-fast stain Tuberculin skin test (TST) Induration Endospore stain Endospores
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