

Scientific names, diseases, culture media	Vocabulary and concepts
<p><i>E. coli</i> EHEC <i>E. coli</i> O157:H7 and O104:H4 <i>Mycobacterium tuberculosis</i> <i>Mycobacterium leprae</i> <i>Bacillus anthracis</i> <i>Clostridium difficile</i> <i>Clostridium tetani</i> <i>Clostridium botulinum</i> <i>Helicobacter pylori</i> <i>Lactobacillus</i> <i>Propionibacterium acnes</i> MRSA <i>Staphylococcus aureus</i> <i>Clostridium perfringens</i> <i>Salmonella enterica</i> <i>Streptococcus pneumoniae</i> <i>Streptococcus pyogenes</i> <i>Streptococcus mutans</i></p> <p>Dysentery Enterohemorrhagic HUS TB (tuberculosis) Leprosy (Hansen's disease) Cdiff Anthrax Tetanus Lock jaw Botulism Infant hypotonia (floppy baby syndrome) Pimples/acne Toxic shock syndrome Gas gangrene Salmonella food poisoning Pneumonia Strep throat NF (necrotizing fasciitis; flesh-eating bacteria) Jaundice (hyperbilirubinemia) Cavities/caries</p> <p>Agar Nutrient agar Complex media</p>	<p>Simple stain Differential stain Gram stain (know the steps and dyes) Gram-positive and Gram-negative Peptidoglycan Lipopolysaccharide (LPS) Negative stain Flagella stain Motility Flagella Atrichous Monotrichous Peritrichous Lophotrichous Amphitrichous Strains, subtypes, subspecies, varieties O and H Verotoxins Acid-fast stain Endospore stain Endospores Psychrophiles Mesophiles Thermophiles Hyperthermophiles Fever (pyrexia) Prodromal, chill, flush, diaphoresis stages Vasoconstriction Vasodilation Acidophiles Osmotic pressure Isotonic, hypertonic, hypotonic Normal salinity Crenation Lysis Halophiles Obligate aerobes Facultative anaerobes Obligate anaerobes Hyperbaric chamber GasPak, anaerobic chamber Sodium thioglycolate Inoculation Incubation</p>

Chemically defined media	Isolation
Selective media	Inspection
Bismuth sulfite agar	Identification
Differential media	Heme
Blood agar	Biliverdin
Differential and selective media	Bilirubin
MacConkey agar	Urobilinogen
Bile salts	Bili light
Snyder agar	Fecal coliforms
Fluoride	Alpha, beta, and gamma hemolysis
	Gnotobiotic rat study
	Sterilization
	Antisepsis
	Disinfection
	Degerming
	Sanitization
	Moist vs. dry heat
	Boiling water
	Steam (autoclave)
	Pasteurization
	Lyophilization
	Radiation
	Ultraviolet light
	Germicidal lamp
	Gamma radiation
	Filtration
	HEPA filter