

Shapes & Structures

Bacillus (pl. bacilli)
 Capsule
 Cell wall pared celular
 Coccus (cocci; and hence *Staphylococcus*,
Staphylococci)
 Core oligosaccharide núcleo oligosacárido
 Cortex
 Fimbria (pl. fimbriae)
 Flagellum (pl. flagella)
 Glycocalix
 Lipid A
 Lipopolysaccharide
 Murein mureína
 Omp: outer membrane major protein proteína
 de membrana externa
 Outer membrane membrana externa
 PAMP (pathogen associated molecular pattern):
 patrón molecular asociado a patógeno
 Peptidoglycan peptidoglucano
 Periplasm periplasma
 Periplasmic space espacio periplásmico
 Permeability barrier barrera de permeabilidad
 Pilus (pl. pili)
 Porin
 Rod bacilo
 Slime moco, mucus
 Spirillum (pl. spirilla)
 Spirochaeta, spirochete (pl. spirochaetes,
 spirochetes)
 Spore
 Spore coat cutícula de la espora

General terms

Acid fast (acid fastness) ácido-alcohol resistente
 Bacterial (adj.)
 Bacterium (pl., bacteria):
 Bench: poyata
 Biofilm
 Burner (Bunsen Burner): mechero (Bunsen)
 Colony: colonia
 Coverslip: (vidrio) cubreobjetos
 Dye colorante
 Eukaryote or eucaryote
 Incubator: estufa de incubación
 Inoculating loop asa de siembra
 Inoculum (inocula):
 To flame: flamear
 Flask (Erlenmeyer flask): matraz
 Volumetric flask: matraz aforado
 Microorganism
 Motility movilidad
 Mycoplasm
 Negative staining tinción negativa
 Petri dish: placa de Petri
 Prokaryote or procaryote
 Rack: gradilla
 Slide (glass slide) portaobjetos
 Stain tinción
 Staining tinción
 Swarmer que se mueve en grupo
 Beaker: Vaso de precipitados
 Virus (pl. viruses)
 Water bath: baño de incubación
 To streak out agotar por estría

Antibiotics and related

Acetylases
 Ampicillin
 Beta-lactamase
 Beta-lactamic
 Cephalosporin
 Chloramphenicol
 Colistin
 D-Cycloserine
 DNA-gyrase
 Erythromycin
 Ethambutol
 Fluoroquinolone
 Gentamicin (formerly gentamycin)
 Isoniazide
 Methicillin
 Methylases
 Nalidixic acid
 Penicillin
 Penicillin binding protein (PBP)
 Phosphonomycin
 Phosphorylases
 Polymyxin
 RNA-polymerase
 Streptomycin
 Sulfamide
 Sulfonamide
 Tetracycline
 Transglycosylase
 Transpeptidase
 Trimethoprim
 Vancomycin

Physiology

ABC (ATP binding cassette) system

Aerobe

Aerobic

Anaerobe

Anaerobic

Anoxybiontic

Chemooorganotrophic [quimioorganotrofo](#)

Efflux pump [bomba de expulsión](#)

Facultative

Fastidious (nutritionally demanding)

[nutricionalmente exigente](#)

Fermenting bacteria

Growth curve [curva de crecimiento](#)

Logarithmic

Oxybiontic

Phosphotransferase

Proton motive force (electrochemical gradient)

Transporter

Uptake system [sistema de incorporación o transporte](#)

Genetics

Conjugation

Insertion sequence

Phage

Plasmid

Transduction

Transformation

Transposon