

Major figures of biology included in this textbook (in the order in which they appear)

- Francesco Redi (life from life)
- Louis Pasteur (microbes)
- Edward Jenner (scientific thinking; vaccination)
- E. O. Wilson (biodiversity / Half-Earth Project)
- Sylvia Earle (ocean biodiversity / Mission Blue)
- Simard, Suzanne (mycorrhizal network)
- Rachel Carson (pollution / biomagnification)
- Dr. Jane Goodall (chimpanzee behavior)
- Anton van Leeuwenhoek (microscope)
- Robert Hooke (cells; microscope)
- Carolus Linnaeus (classification)
- Luther Burbank (grafting)
- Stanley Miller (origin of life experiment)
- Harold Urey (origin of life experiment)
- Joseph Priestley (oxygen)
- C.E. Bloch (vitamin A)
- E.V. McCollum (vitamin A)
- Chris Servheen (grizzly bears)
- Henry Judah Heimlich (choking maneuver)
- Alexis St. Martin (digestion)
- William Beaumont (digestion)
- Stanley Dudrick (total peritoneal nutrition)
- Charles Drew (blood plasma)
- Florence Sabin (embryology)
- William Harvey (circulation)
- Marcello Malpighi (capillaries)
- Chris Pizzo (mountain air)
- Jimmy Tontlewicz (mammalian diving reflex)
- Konrad Lorenz (imprinting)
- Stephen Hawking (ALS / genius)
- Wilder Penfield (brain map)
- Keith Sedlacek (biofeedback)
- Alexander Fleming (penicillin)
- Valerie Pence (plant tissue culture)
- Ernest Just (embryology / cytoplasm)
- Louise Brown (IVF / "test tube baby")
- Rosalind Franklin (DNA)
- Maurice Wilkins (DNA)
- James Watson (DNA)
- Frances Crick (DNA)
- Barbara McClintock (genes)
- Gregor Mendel (genetics / dominant & recessive)
- Thomas Hunt Morgan (genetics / fruit flies)
- Alec Jeffreys (DNA fingerprinting)
- Kary Mullis (PCR - polymerase chain reaction)
- Angela Ferguson (sickle cell disease)
- Jennifer Doudna (CRISPR)
- Emmanuelle Charpentier (CRISPR)
- Robert Bakker (dinosaurs)
- Charles Darwin (natural selection)
- Jayakumar Rajadas (Lyme disease antibody)
- Venkata Raveendra Pothineni (Lyme disease)
- Erol Fikrig (Lyme disease tick vaccine)
- Andreas Gruentzig (angioplasty)
- Paul Talalay (chemoprotection)
- Jed Fahey (chemoprotection)
- Paul Anastas (SADD)
- Neil Shubin (Tiktaalik / evolution)
- Lynn Margulis (endosymbiosis)