

BT1010 - Life Sciences - Syllabus

Course content:

- Membrane physiology, Nernst Equation, Goldman equation
- Action potential
- Neurotransmitters, Neuromuscular junctions
- Excitation contraction coupling, Sliding Filament theory
- Motor units
- EMG

Reference books:

1. Physiology (5ed.), Linda S Costanzo
2. Principles of neuroscience (5ed), Eric Kandel, James Schwartz et al (2012)