

- BEALE, Geoffrey a PREER, John R. Paramecium: genetics and epigenetic. 1st Edition. CRC Press, 2008. 214 p. ISBN 978-0-415-25785-5.
- Carl Zeiss: Education in microscopy and digital imaging [online]. Germany [cit. 2015-11-25], <http://zeiss-campus.magnet.fsu.edu/tutorials/index.html>.
- Centromere Placement.svg. From Wikimedia Commons, Fockey003 [online]: [cit. 2022-04-04], File: Centromere Placement.svg - Wikimedia Commons.
- Cytokinesis. From Wikimedia Commons, CFCE [online]: [cit. 2022-04-05], File:Figure 10 02 04.jpg - Wikimedia Commons.
- Karyotype.png. From Wikimedia Commons, National Human Genome Research Institute [online]: [cit. 2022-04-05], File:Karyotype.png - Wikimedia Commons.
- NAVRÁTIL, Leoš, ROSINA, Jozef et al. Medicínská biofyzika. 1st Edition (2013). Grada Publishing, 2005. 524 p. ISBN 978-80-247-1152-2.
- Nikon: Základní metody světelné mikroskopie [online]. Brno ČR 2004 [cit. 2022-03-20], Základní metody světelné mikroskopie NIKON - Grafický Software (doczz.cz).
- SUPRIYA N: Biology Reader - Staining [online]. [cit. 2022-03-20], What is Staining? Definition, Objectives, Mechanism & Types - Biology Reader.
- Tonicity.png. From Wikimedia Commons, Emekadecatalyst [online]: [cit. 2022-04-04], File:Tonicity.png - Wikimedia Commons.
- Trepka velká s popisky.jpg. From Wikimedia Commons, HonzaXJ [online]: [cit. 2022-04-04], File: Trapka velka Paramecium caudatum.jpg - Wikimedia Commons.
- Turgor pressure on plant cells diagram.jpg. From Wikimedia Commons, LadyofHats [online]: [cit. 2022-04-04], File:Turgor pressure on plant cells diagram.svg - Wikimedia Commons File:Tonicity.png - Wikimedia Commons.

Videos

Practical Class 1

- Preparing a microscope slide (QR code 1) from Read David, (27. 4. 2022), https://www.youtube.com/watch?v=YUODYrU_OFM
- Basic microscope setup and use (QR code 2) from Fresno State (27. 4. 2022), <https://youtu.be/SUo2fHZaZCU>

Practical Class 2

- Concave plasmolysis and deplasmolysis (QR code 3) from HeelNatuurlijk1, (27. 4. 2022), <https://www.youtube.com/watch?v=x11mkGnOc8g>
- Convex plasmolysis (QR code 4) from Lee Beavington, (27. 4. 2022), <https://www.youtube.com/watch?v=rMtaqq2bmFU>
- How to use a micropipette (QR code 5) from Eppendorf, (27. 4. 2022), <https://www.youtube.com/watch?v=QGx490kuKjg>

Practical Class 3

- Genetics - Mendel peas experiment (QR code 6) from TED-Ed, (27. 4. 2022), <https://www.youtube.com/watch?v=Mehz7tCxjSE>

Practical Class 4:

- Cell culture - Introduction (QR code 7) from Applied Biological Materials - abm, (27.4.2022), <https://www.youtube.com/watch?v=RpDke-Sadzo>
- Cell culture - Passaging of the cells (QR code 8) from Thermo Fisher Scientific, (28. 4. 2022), <https://www.youtube.com/watch?v=CMRKKl9XSDU>
- Cell culture - Freezing the cells (QR code 9) from Thermo Fisher Scientific (28. 4. 2022), <https://www.youtube.com/watch?v=tCNtKrxlZPs>
- Cell counting (QR code 10) from Thermo Fisher Scientific (26. 4. 2022), <https://www.youtube.com/watch?v=WWS9sZbGj6A>

Practical Class 5:

- Paramecium caudatum* in microscope (QR code 11) from Zuzana Müllerová (19. 8. 2020), https://youtu.be/Az6_1fGq8_Q

Photodynamic effect (QR code 12) from Service India (28. 4. 2022), <https://youtu.be/FwTPOJ9qRcM>

Photodynamic immunotherapy (QR code 13) from National Cancer Institute (17. 5. 2016), <https://youtube.com/watch?v=3yuVw90AEhs>

Practical Class 6:

Mitosis and cytokinesis (QR code 14) from Teacher's Pet (28. 4. 2022), <https://www.youtube.com/watch?v=3CfvmWMzF2A>

Other resources:

Online microscope: University of Delaware's Open Learning Materials Directory (2003), od M. Barrett, J. Cona, P. Hyde, B. Ketcham, B. Kinney, Justin Schakelman (4. 5. 2022), <https://www1.udel.edu/biology/ketcham/microscope/scope.html>

Basics of microscopy with questions: BioNetwork od NC Community Colleges (4. 5. 2022), <https://www.ncbionetwork.org/educational-resources/elearning/microscope-basics>