

BIBLIOGRAPHY for online resources (module 3)

Epidermis-- Basement membrane

http://www.histology.leeds.ac.uk/tissue_types/connective/con_basal_lam.php
<http://www.siumed.edu/~dking2/intro/epith.htm#polarized>
<https://www.youtube.com/watch?v=ob-Z-OA54O4> (Ben Garside)
<http://www.hindawi.com/journals/bmri/2013/179784/fig2/>
Adhesion junctions: <http://www.mechanobio.info/topics/signaling/go-0007267>

Connective Tissue

<http://www.siumed.edu/~dking2/intro/ct.htm>
<http://www.ncbi.nlm.nih.gov/books/NBK26889/>
<https://en.wikipedia.org/wiki/Fibroblast>
<https://en.wikipedia.org/wiki/Glycosaminoglycan>
http://www.histology.leeds.ac.uk/tissue_types/connective/connective_groundS.php
<http://www.hyaluronicacid.co.nz/faq>
https://en.wikipedia.org/wiki/Hyaluronic_acid
<https://en.wikipedia.org/wiki/Proteoglycan>
<https://en.wikipedia.org/wiki/Glucosamine>
<http://kentsimmons.uwinnipeg.ca/cm1504/15lab42006/lb4pg6.htm>
http://web.clark.edu/rrausch/biolabs/histo/connective/ct_index.html
Fibroblasts communicate with immune cells: <http://cardiovascres.oxfordjournals.org/content/102/2/258>
<http://www.magicalrobot.org/BeingHuman/2010/03/fascia-bones-and-muscles>

Bone tissue

http://medcell.med.yale.edu/histology/bone_lab.php
http://en.wikivet.net/Bones_-_Anatomy_%26_Physiology
http://link.springer.com/chapter/10.1007%2F978-0-387-72009-8_10#page-1
<https://secure.health.utas.edu.au/intranet/cds/cam102/Practicals/01.Week%20%20-%20Histology%20of%20Cartilage%20and%20Bone.html>

Nitric oxide, and nitrates in plants

<http://healthyeating.sfgate.com/sodium-nitrite-vegetables-3535.html>
<http://blogs.mcgill.ca/oss/2013/04/04/is-celery-juice-a-viable-alternative-to-nitrites-in-cured-meats/>

Blood cells

<http://www.motifolio.com/9111140.html>
http://en.wikipedia.org/wiki/Beta_globulins

Bilirubin

<http://www.masterorganicchemistry.com/2011/11/18/organic-chemistry-is-shit/>
<http://en.wikipedia.org/wiki/Transferrin>

Blood proteins

<http://www.uofmhealth.org/health-library/hw43650>
http://en.wikipedia.org/wiki/Serum_protein_electrophoresis
<http://old.lf3.cuni.cz/physio/Physiology/education/materialy/reinis/blood06.htm>
<https://courses.washington.edu/conj/bess/cholesterol/liver.html>

Clotting

<http://en.wikipedia.org/wiki/Coagulation>

<http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/C/Clotting.html>

<https://www.youtube.com/watch?v=SffnpNxGWb8&spfreload=1>

<https://www.youtube.com/watch?v=VxEIsPOdOLw>

http://en.wikipedia.org/wiki/Protein_C

<http://www.med.illinois.edu/hematology/ptprotc.htm>

<http://www.rarecoagulationdisorders.org/diseases/rare-congenital-fibrinogen-deficiencies/disease-overview>

<https://www.youtube.com/watch?v=FNvQ788wzk>

<http://eurheartj.oxfordjournals.org/content/early/2009/11/30/eurheartj.ehp504/F3>

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<http://www.sigmaaldrich.com/life-science/metabolomics/enzyme-explorer/learning-center/structural-proteins/fibrinogen-fibrin.html>

http://www.nature.com/srep/2012/121120/srep00879/fig_tab/srep00879_F1.html

<http://faculty.uml.edu/vbarsegov/research/fibers.html>

<http://galleryhip.com/fibrinogen-cascade.html>

<http://www.wfh.org/en/page.aspx?pid=663>

Blood Types

<http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/B/BloodGroups.html>

<http://biology.stackexchange.com/questions/26374/why-can-blood-group-o-be-given-to-all-blood-groups>

Blood type quiz game

<https://secure.health.utas.edu.au/intranet/cds/cam102/Practicals/01.Week%20%20-%20Histology%20of%20Cartilage%20and%20Bone.html>

White cells

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http://en.wikipedia.org/wiki/Neutrophil_granulocyte

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2092448/>

http://en.wikipedia.org/wiki/Eosinophil_granulocyte

http://medcell.med.yale.edu/histology/blood_bone_marrow_lab/basophil.php (basophil)

http://www.garlandscience.com/res/pdf/9780815341239_ch07.pdf (lymphocytes in general)

<http://bmb.oxfordjournals.org/content/56/4/936.full.pdf> (mast cells)

<http://askabiologist.asu.edu/b-cell> (difference between B and T cells)

<http://www.biology.arizona.edu/immunology/tutorials/antibody/structure.html> (antibodies)

<http://www.ncbi.nlm.nih.gov/books/NBK27105/> (neutrophils)

http://www.varsitytutors.com/ap_biology-help/systems-physiology/immune-system

<http://quizlet.com/5432861/ap-biology-exam-review-chapter-14-the-human-immune-system-platarozaluna-flash-cards/>

<http://www.ncbi.nlm.nih.gov/books/NBK26827/> (T cell activation)

<http://www.ncbi.nlm.nih.gov/pubmed/21926462> (mast cells and venom)

<http://news.stanford.edu/news/2006/august9/med-venom-080906.html> (mast cells and venom)

TNF-ALPHA: <http://www.nature.com/cdd/journal/v10/n1/full/4401189a.html>

MHC I and II:

<http://doctor-jones.co.uk/Immunology/Tutorial/The%20Major%20Histocompatibility%20Complex.htm>

<http://en.wikipedia.org/wiki/HLA-A>

<https://en.wikipedia.org/wiki/Monocyte>

http://www.nature.com/nri/journal/v4/n10/fig_tab/nri1460_ft.html (mast cells)

<http://www.nature.com/nri/journal/v14/n7/full/nri3690.html> (mast cells)

<http://www.ncbi.nlm.nih.gov/pubmed/25544991> (eosinophils)
<https://www.zellbiologie.uni-bonn.de/research%20groups/prof.-haas/Current-studies> (phagosomes)
<https://en.wikipedia.org/wiki/Opsonin>
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC4176147/> (opsonization and neutrophils)
<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC2920840/> (battle for iron between host and bacteria)
<http://www.sciencebrainwaves.com/the-immune-cell-the-neutrophil-the-good-the-bad-or-the-ugly/>
<https://en.wikipedia.org/wiki/Granzyme>
<http://bmb.oxfordjournals.org/content/77-78/1/103.full> (leprosy)

Inflammation

<http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3233666/> [endothelial cells and inflammation]

Complement

<http://www.us.elsevierhealth.com/media/us/samplechapters/9780723433521/9780723433521.pdf>
http://en.wikipedia.org/wiki/Complement_system

Proteasomes

<http://en.wikipedia.org/wiki/Proteasome>

Reactive Oxygen species

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Neurons

<http://jonlieffmd.com/blog/dynamic-relationship-of-mitochondria-and-neurons>
<https://courses.candelalearning.com/ap2x1/chapter/nervous-tissue-2/>
<http://www.bem.fi/book/05/05.htm>
<http://physiologyonline.physiology.org/content/21/3/208> (astrocytes)

Neurons and neuroglia

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Muscle fibers

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