

Week	Histological specimens												
<p>Week 1 02.10 - 02.14.</p>	<p>Simple epithelial tissues</p> <ol style="list-style-type: none"> 1. Simple squamous epithelium (pancreas, Toluidine blue (TB)) 2. Simple cuboidal + columnar epithelium (biliary vesicle, human, HE) 3. Pseudostratified simple columnar epithelium - Trachea (human, HE) <hr/> <p>Simple and stratified epithelial tissues</p> <ol style="list-style-type: none"> 4.a Transitional epithelium - Urinary vesicle (monkey, HE) 5. Stratified non-keratinizing squamous epithelium - Esophagus: upper and middle portions (human, HE) 6. Stratified keratinizing squamous epithelium - Plantar skin (human, HE) 7.a Stratified columnar epithelium - Penis (human, HE) 												
<p>Week 2 02.17 - 21.</p>	<p>Glandular epithelium</p> <ol style="list-style-type: none"> 3 Goblet cells (Trachea HE) 10.a. Merocrine secretion (seromucous) - Submandibular gland (human, HE) 11. Apocrine secretion - Axillary skin (human, HE) 12. Holocrine secretion - Hairy skin (HE) 10c. <i>Submandibular gland (human, Movat pentachrome)</i> Connective tissue fibres and cells. Connective tissue types. <hr/> <table border="0"> <tr> <td>20a. Umbilical cord (newborn human, HE)</td> <td></td> </tr> <tr> <td>6. Plantar skin (human, HE)</td> <td>3. Trachea (human, HE)</td> </tr> <tr> <td>21. Lymph node (semithin section; rat, toluidine blue)</td> <td>155 Granulation tissue (connective tissue cells (HE)</td> </tr> <tr> <td>24. Liver (human, silver nitrate impregnation)</td> <td></td> </tr> <tr> <td>25.b Aorta (resorcin-fuchsin)</td> <td>86. Vagina (human, trichrome)</td> </tr> </table>	20a. Umbilical cord (newborn human, HE)		6. Plantar skin (human, HE)	3. Trachea (human, HE)	21. Lymph node (semithin section; rat, toluidine blue)	155 Granulation tissue (connective tissue cells (HE)	24. Liver (human, silver nitrate impregnation)		25.b Aorta (resorcin-fuchsin)	86. Vagina (human, trichrome)		
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<p>Week 3 02.24 - 28.</p>	<p>Types of connective tissue</p> <ol style="list-style-type: none"> 20a Umbilical cord (newborn human, HE) 6. Plantar skin (human, HE) 26. Tendon (human, HE) 10.a. Submandibular gland (human, HE) 27 Uterus (human, HE) 28. Blood smear (May-Grünwald-Giemsa = MGG) <hr/> <p>Supporting tissues (cartilage, bone)</p> <table border="0"> <tr> <td>30. Hyaline cartilage (human costal cartilage, HE)</td> <td>35. Compact bone (cross section, Schmorl's picrothionin stain)</td> </tr> <tr> <td>32. Auricule (human, Verhoeff's stain)</td> <td>36. Compact bone (longitudinal section, Schmorl's stain)</td> </tr> <tr> <td>33. Meniscus (human, HE)</td> <td>37. Trabecular bone, bone marrow, (body of vertebra+intervertebral disc, human, HE)</td> </tr> <tr> <td>34. Cross section of a long bone (human ulna, unstained)</td> <td>31. Hyaline cartilage (lung, human, semithin section, toluidine blue)</td> </tr> </table>	30. Hyaline cartilage (human costal cartilage, HE)	35. Compact bone (cross section, Schmorl's picrothionin stain)	32. Auricule (human, Verhoeff's stain)	36. Compact bone (longitudinal section, Schmorl's stain)	33. Meniscus (human, HE)	37. Trabecular bone, bone marrow, (body of vertebra+intervertebral disc, human, HE)	34. Cross section of a long bone (human ulna, unstained)	31. Hyaline cartilage (lung, human, semithin section, toluidine blue)				
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<p>Week 4 03.03 -03.07.</p>	<p>Types of ossification, bone restructuring</p> <ol style="list-style-type: none"> 38.b Intramembranous ossification (calvary, human, AZAN) 39. Endochondral ossification (Week 17 human fetus, longitudinal section of developing foot, HE) <hr/> <p>Nerve tissue</p> <ol style="list-style-type: none"> 40. Peripheral nerve (sciatic nerve, longitudinal and cross sections, human, HE) 41. Multipolar nerve cell (celiac ganglion, human, Bielschowsky's impregnation) 												
<p>Week 5 03.10 - 03.14.</p>	<p>Smooth, skeletal and cardiac muscle types</p> <ol style="list-style-type: none"> 50. Skeletal muscle (iron hematoxylin) 5. Smooth muscle and visceral striated muscle (esophagus: upper and middle portions, human, HE) 51. Cardiac muscle (human, HE) 52. <i>Eberth's line, heart, atrioventricular node (human, trichrome)</i> <hr/> <p>MIDTERM 1. Basic tissues</p> <p>Histology of blood vessels</p> <table border="0"> <tr> <td>25a. Large artery of elastic type (aorta, human, HE)</td> <td>25b. Elastic artery (aorta, resorcin fuchsin)</td> </tr> <tr> <td>60. Medium size artery and vein (femoral vessels, Movat)</td> <td></td> </tr> <tr> <td>61. Small arteries, arterioles and small veins, venules (tongue, human, HE)</td> <td></td> </tr> <tr> <td>1. Capillaries (pancreas, semithin section, rat, toluidine blue)</td> <td></td> </tr> <tr> <td>63. <i>Pericyte (skin of human abdominal wall, α-smooth muscle actin (SMA) immunocytochemistry)</i></td> <td></td> </tr> <tr> <td>64. <i>Arteriovenous anastomosis /glomus organ (fingertip, human hand, HE)</i></td> <td></td> </tr> </table>	25a. Large artery of elastic type (aorta, human, HE)	25b. Elastic artery (aorta, resorcin fuchsin)	60. Medium size artery and vein (femoral vessels, Movat)		61. Small arteries, arterioles and small veins, venules (tongue, human, HE)		1. Capillaries (pancreas, semithin section, rat, toluidine blue)		63. <i>Pericyte (skin of human abdominal wall, α-smooth muscle actin (SMA) immunocytochemistry)</i>		64. <i>Arteriovenous anastomosis /glomus organ (fingertip, human hand, HE)</i>	
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<p>Week 6 03.17 -03.21.</p>	<p>Lymphatic organs 100a Thymus (HE) 100b Thymus (pancytokeratin ICC), 101. Palatine tonsil (HE) 103. Pharyngeal tonsil (HE) 102. Lingual tonsil (HE) 102 a,b Palatine tonsil (T/B cell ICC)</p> <hr/> <p>Lymphatic organs 21. Lymph node (rat, TB) 105. Spleen (human, HE) 106 a,b Spleen (human T/B cell ICC)</p>
<p>Week 7 03.24 -03.28</p>	<p>Gastrointestinal tract 110. Lip (Krutstay trichrome) 61. Tongue: <i>filiform and fungiform papillae</i> (HE) 111. Tongue; foliate papillae (human + monkey or rabbit, HE) 112. Tongue: <i>circumvallate papillae</i> (HE)</p> <hr/> <p>120.a, b Ground tooth (unstained) 10c. Submandibular gland (Movat pentachrom) 121. Developing tooth (AZAN) 51. Parotid gland (HE) 122. Sublingual g+ submandibular glands (HE) 10a. Submandibular gland (human, HE)</p>
<p>Week 8 04.01 - 04.</p>	<p>5. Esophagus: upper and middle portions (human, HE) 130a. Stomach, fundus (HE) 132.a Duodenum (HE) 132.b Duodenum (human PAS +H) 131. Gastro-esophageal junction - cardia (HE) 132c Duodenum (human, alcian blue H picrosirius red) 134. Pylorus (gastroduodenal junction, HE) 133 Duodenum (cat, HE)</p> <hr/> <p>135a Jejunum (HE) 136a Ileum (human, HE) 136a Ileum (Peyer's patches, human, HE) 138a. Vermiform appendix (human, HE) 137. Colon (human, HE) 138.b Vermiform appendix (aged, human, HE)</p>
<p>Week 9 04.07 - 04.11</p>	<p>140.a,b Liver (human, HE) 24. Liver (human, silver impregnation) 141 Liver (human, trichrome) 140.c Liver (human, SMA ICC/H) 2. Biliary vesicle: fundus & neck (human, HE) 70. Pancreas (HE)</p>
<p>Week 10 04.14- 04.18</p> <p><i>Friday is holiday</i></p>	<p>Respiratory system * EM 12-17 Epiglottis, larynx, AND Trachea and lung 150. Epiglottis (HE) 151. Larynx (HE)</p> <hr/> <p>3. Trachea (HE) 153. Lung (toluidine blue) * EM 12-17 Kidney, ureter, urinary bladder 152. Lung (HE) 154. Fetal lung (human, HE)</p>
<p>Week 11 04.21 -04.25.</p> <p><i>Monday is holiday</i></p>	<p>Urinary system * EM 12-17 No histology class on Easter Monday 160. Kidney (HE) 161. Kidney (semithin, toluidine blue) 162. Ureter (HE) 4.a,b Urinary vesicle (monkey, HE)</p> <hr/> <p>MIDTERM 2. Histology of internal organs (except for the genital organs) Male genital system 170.a, b Testicle (human,HE) 172. Spermatic cord (human, trichrome) 171.c Epididymis (human, HE)</p>
<p>Week 12 04.28 - 05.02.</p> <p><i>Thursday is May 1</i></p>	<p>173. Prostate (aged, human, HE) 174.a,b Seminal vesicle (HE) 7.a Penis (human, HE) 7.b Penis (human, Verhoeff's elastic stain) 7.c Glans penis (HE)</p> <hr/> <p>No Histology classes on Thursday</p>
<p>Week 13 05.05 - 09.</p>	<p>Female genital tract 180. Ovary (rabbit, HE) 182. Fallopian tube, isthmus and ampulla (human, HE) 181.a, b Corpus luteum (human, HE)</p> <hr/> <p>27. Uterus, proliferation's phase (human, HE) 183. Uterus, secretory phase (human, HE) 23a. Vagina (human, trichrome) 23b. Vagina (human, HE)</p>
<p>Week 14 05.12 - 16.</p>	<p>20a. Umbilical cord of a newborn (human, HE) 184. Mamma non-lactans (HE) 186a. Placenta (mature (delivered), human, HE) 185. Mamma Lactans (HE) 186b. Placenta (mature, human, pan-cytokeratin ICC) 186c. Placenta (6th week of pregnancy, human, HE) 187a Clitoris (glans, human, HE) 187b Clitoris (body, HE) 188. Clitoris (glans, Neurofibril staining)</p> <hr/> <p>REVISION</p>