**Items to Identify: Epithelium and Junctions**

**Slides to Identify**

* Slide 109: Skin, hand, monkey & Slide 19680: Human testis Epon thin section (toluidine blue)
	+ Simple squamous endothelial cells lining blood vessels
	+ Stratified squamous epithelium of skin
	+ Stratified cuboidal of sweat ducts
* Slide 111: Skin
	+ Stratified squamous epithelium of skin
	+ Prickle cell layer of desmosomes
* Slide HISTO052: Tongue
	+ Stratified squamous epithelium non-keratinized
* Slide 118: Liver & spleen with colloidal carbon, rat
	+ Simple squamous endothelial cells lining blood and lymph vessels
* Slide 133: Trachea, monkey
	+ Simple squamous endothelial cells lining blood and lymph vessels
	+ Pseudostratified epithelium lining tracheal lumen
	+ Ciliated epithelium of trachea, goblet cells, thick basement membrane
* Slide 160: Urinary bladder, monkey
	+ Transitional epithelium lining bladder
* Slide 178: Vagina
	+ Stratified squamous epithelium of skin
* Slide 196: Spermatic Cord
	+ Simple squamous endothelial cells lining blood and lymph vessels
* Slide 249: Ileum, monkey (PAS)
	+ Basement membrane of epithelium
* Slide 250: Ileum, monkey
	+ Terminal bars
	+ Simple squamous endothelial cells of blood and lymph vessels
	+ Intestine lined with simple columnar epithelium
* Slide 258: Kidney (PAS)
	+ Basement membrane of epithelium
	+ Simple squamous and simple cuboidal epithelium in medulla and cortex
* Slide 262: Ureter
	+ Transitional epithelium lining ureter
* Slide 277: Penis
	+ Transitional, stratified columnar, stratified squamous, simple columnar epithelium
* Slide 429: Larynx (Gallego’s stain)
	+ Transition from pseudostratified, ciliated epithelium to stratified squamous epithelium

**EM’s to Identify**

* EM 2: Liver
	+ Gap junction, desmosome, tight junction
* EM 2a: Liver- Gap junctions
	+ Gap junction
* EM 3: Intestine (Basal)
	+ Basal lamina
* EM 4: Intestine (Apical)
	+ Tight junction, zonula adherens, terminal web
* EM 4a: Intestine – Occludens Junction
	+ Tight junction structure
* EM 4b: Intestinal absorption cell (apex)
	+ Junctions between intestinal absorptive cells
* EM 4c: Intestinal absorptive cells
	+ Amplified lateral surface of intestinal absorptive cells
* EM 6b: Basal body – Cilia
	+ Tight junction (zonula occludens), zonula adherens, desmosome (macula adherens)
* EM 8g: Epidermis
	+ Desmosomes of epidermis
* EM 8h: Macrophage
	+ Thickened basal lamina
* EM 10a: Capillary
	+ Capillary endothelial cells
* EM 10f: Arteriolar wall
	+ Thin basal lamina, tight junctions (zonula occludens)
* EM 16: Surface mucosa (stomach)
	+ Basal lamina
* EM 17: Duodenum
	+ Basal lamina