**Items to Identify: Peripheral Nervous System**

**Slides to Identify**

* Slide 105: Fingertip, monkey
	+ Peripheral nerve, myelinated and unmyelinated axons
* Slide 109: Skin, hand, monkey
	+ Peripheral nerve, myelinated and unmyelinated axons
	+ Pacinian corpuscle (receptor)
* Slide 146:
	+ Dorsal root ganglion, possible lipofuscin granules
* Slide 152: Duodenum
	+ Auerbach’s plexus (neuronal cell bodies with eccentric nuclei), satellite cells
* Slide 193: Peripheral nerve, monkey
	+ Peripheral nerve longitudinal
	+ Schwann cell nuclei, myelinated and unmyelinated axons
	+ Nodes of Ranvier and Schmidt-Lanterman clefts
* Slide 196: Spermatic cord & Slide 426: Renal artery and vein with nerves
	+ Peripheral nerve
* Slide 440: Sublingual gland
	+ Ganglia with neuronal cell bodies, centrally located nuclei, prominent nucleolus, Nissl substance (rough ER and free ribosomes), satellite cells, capillaries, possible lipofuscin granules
* Slide 492: Peripheral ganglion, monkey
	+ Ganglia with neuronal cell bodies, centrally located nuclei, prominent nucleolus, Nissl substance (rough ER and free ribosomes), satellite cells, capillaries, possible lipofuscin granules
	+ Peripheral nerve
* Slide 19753: Fetal brain and muscle
	+ Muscle spindle, motor end plate
* Slide 29291: Monkey portal vein and bile ducts
	+ Ganglion cells in wall of cystic duct
* Slide 32409: Rat intestine (toluidine blue)
	+ Nerve cells, Auerbach’s plexus, Meissner’s plexus
* Slide HISTO007: Skeletal Muscle – nerve and motor end plate
	+ Single nerve innervation of several muscle fibers
* Slide HISTO017: Vertebra and attached muscles and nerves
	+ Nerve cell bodies in spinal cord and attached ganglia
* Slide HISTO0280: Inner ear
	+ Bipolar neurons

**EMs to Identify**

* EM 10c: Postganglionic neuronal cell body in an Auerbach's plexus
	+ Nissl substance, lipofuscin granules, neurofilaments
	+ Synapses, synaptic vesicles
* EM 10d: Schwann cell with myelinated and unmyelinated axons
	+ Collagen fibers, Schwann cells, basal lamina, perineurium, tight junctions, fibroblasts
	+ Myelinated and unmyelinated axons- intermediate filaments, microtubules
* EM 10e: Nerve terminal on smooth muscle
	+ Presynaptic and postsynaptic sites, synaptic clefts, synaptic vesicles