**Study Guide**

* Structure of skin
	+ Layers – structure & function
		- Epidermis – basale, spinosum, granulosum, lucidum, corneum
		- Dermis – papillary & reticular
		- Hypodermis
	+ What cell types and tissues are in each layer? What are their respective functions?
		- Keratinocytes vs. Melanocytes
		- Langerhern cells vs. Merkel cells
	+ Melanin – types, function, production
	+ Keratin – function, description
	+ Keratinization
* Skin color
	+ Pigment types & functions
	+ how is it determined
	+ functions
	+ Freckles, moles, age spots
* Accessory structures – types, structure, function, growth
	+ Hair & hair follicles – Lanuga, terminal, & vellus
	+ Sebaceous glands
	+ Sudoriferous glands – eccrine & apocrine
	+ Nails
* Functions of skin
	+ Thermoregulation
	+ Protection
	+ Sensation
	+ Excretion & Absorption
	+ Vitamin D
* Medical concerns
	+ Stretch marks
	+ Alopecia
	+ Wound healing – surface & deep, process of healing
	+ Skin cancer – types, process
	+ Burns – degrees, impacts