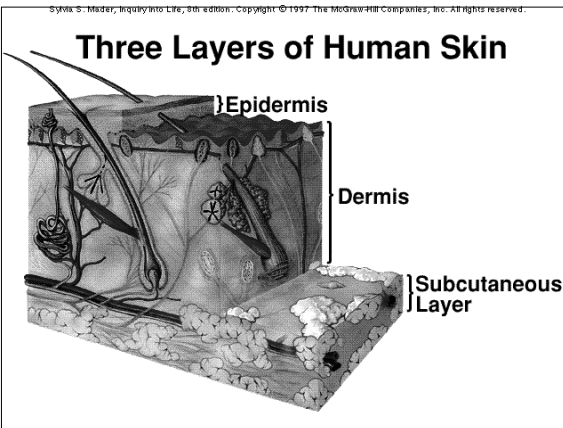


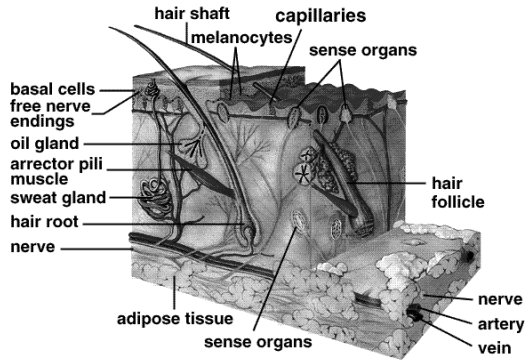
Integumentary System



Functions of the Skin

- **Protection of deeper tissue from:**
 - **Chemicals, bacteria, bumps, and drying**
- **Regulation of body temperature**
- **Synthesis of Vitamin D**

Parts of Human Skin

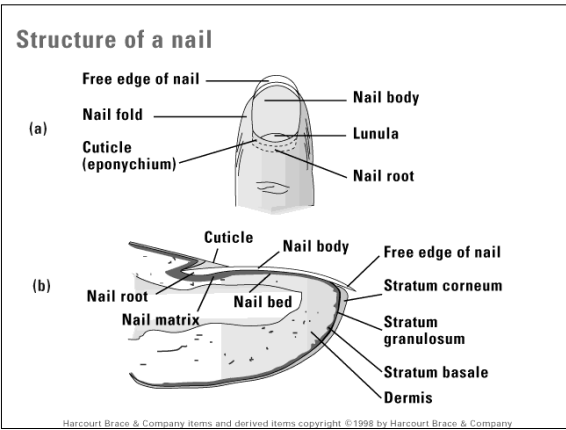


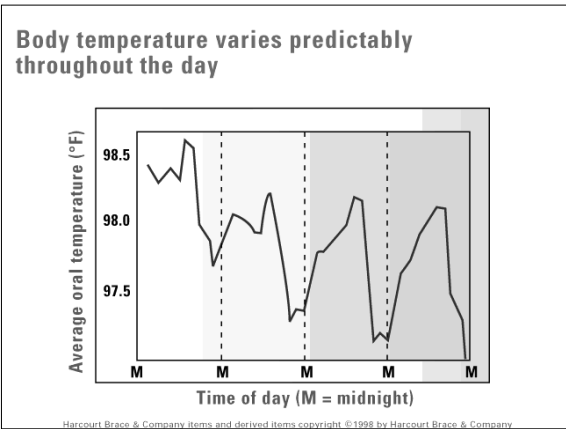
Structures of the Skin

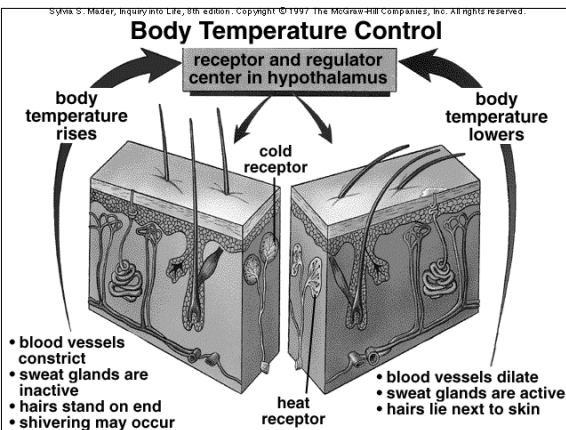
- **Epidermis**
 - **Stratified squamous epithelium**
 - keratin
 - **Melanocytes**
 - melanin
- **Dermis**
 - **Sense receptors**
 - Pain, touch, pressure, hot, and cold

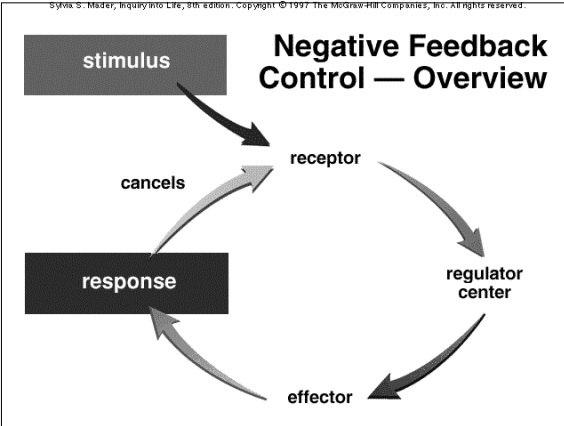
Appendages of the Skin

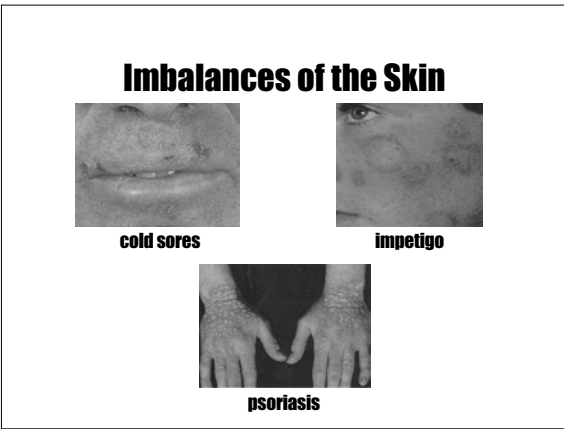
- **Cutaneous glands**
 - **Sebaceous (oil) glands**
 - **Sweat glands**
- **Hairs and hair follicles**
- **Nails**

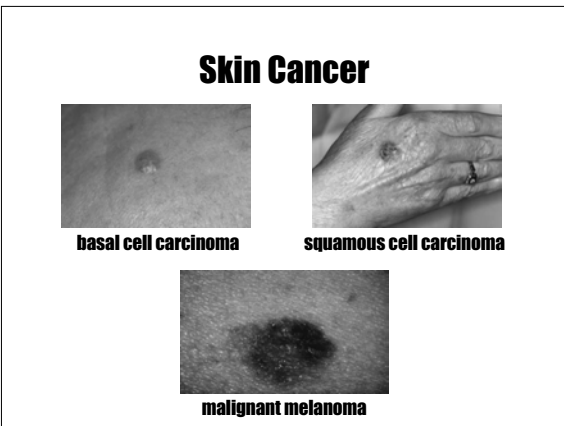












The End
