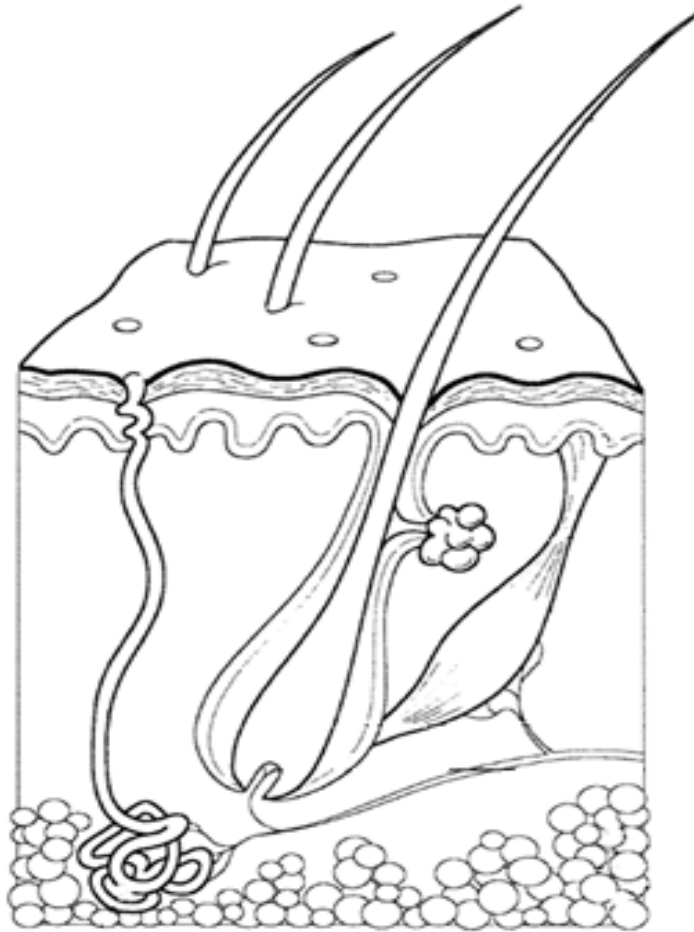


**Section 5.2- Accessory Structures of the Skin
Regular Anatomy**

Using different colors and the list below, color and label the different accessory structures of the skin.



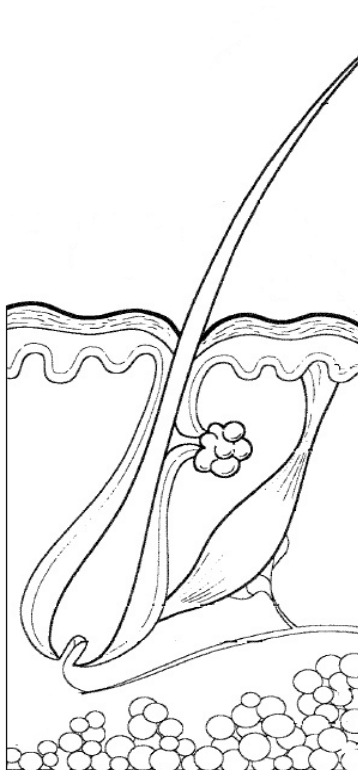
Arrector pili muscle
 Hair

Nerve
 Sebaceous gland

Sweat gland

1. Sebaceous glands secrete _____, which is an oily substance that lubricates and waterproofs skin and hair.
2. When cold, arrector pili muscles contract when stimulated and pull on hair follicles causing hairs to stand creating _____.
3. When a person is hot, sweat gland secrete _____, which is composed mostly of water, salts, some urea, and waste substances.
 - a. The type of sweat gland that becomes active during puberty is called an _____ glands.
 - b. The type of sweat gland that becomes active when a person is hot is called an _____ gland.
 - c. All sweat glands become active when a person is under _____.

Using different colors and the list below, color and label the different parts of hair and accessory structures associated with hair.



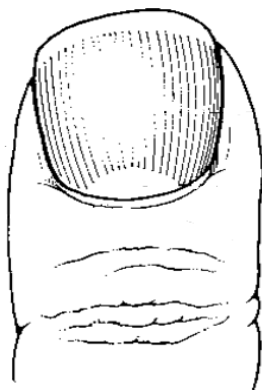
- Arrector pili muscle
- Hair follicle

- Hair root
- Hair shaft

- Sebaceous gland

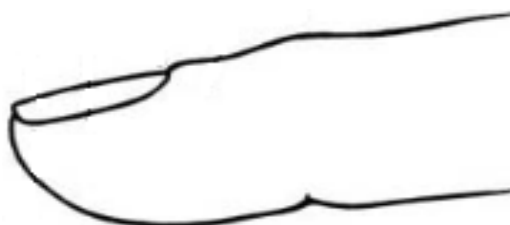
1. The process of cell division is called _____.
- a. Using the color red, color and label the region of hair where cell division occurs.

Using different colors and the list below, color and label the different parts of the nail.



- Cuticle
- Lunula

- Free edge
- Nail body



- Nail bed

- Nail root