

Functions of the Skin

1. Protection - protects from germs, physical damage, environment
(Structure: Epidermis, Keratin)
2. Thermoregulation (control body temp.)
(Structures: sweat, blood vessels)
(other passive structures: hair, fat)
3. Sensory Input - touch, pressure, pain, temperature.
(structure: nerve endings)
4. Excretion - getting rid of waste.
(structure: sweat glands + sweat)

Secondary Functions

5. Vitamin D production - sunlight causes skin to produce Vit. D
6. Fat Storage - lipids are used to make cell membranes, and used for energy.