

# The Integumentary System

- Integument = skin
- Skin is the largest organ in our body.
- Skin is an organ, but it is also its own body system, this is because it contains ALL 4 tissue types, and has a wide variety of functions.
- Bacteria live on our skin - two main types: Streptococcus & Staphylococcus. (coccus = berry shaped bacteria) (strepto = strips) (staphylo = grape-like clusters)

  
strepto...

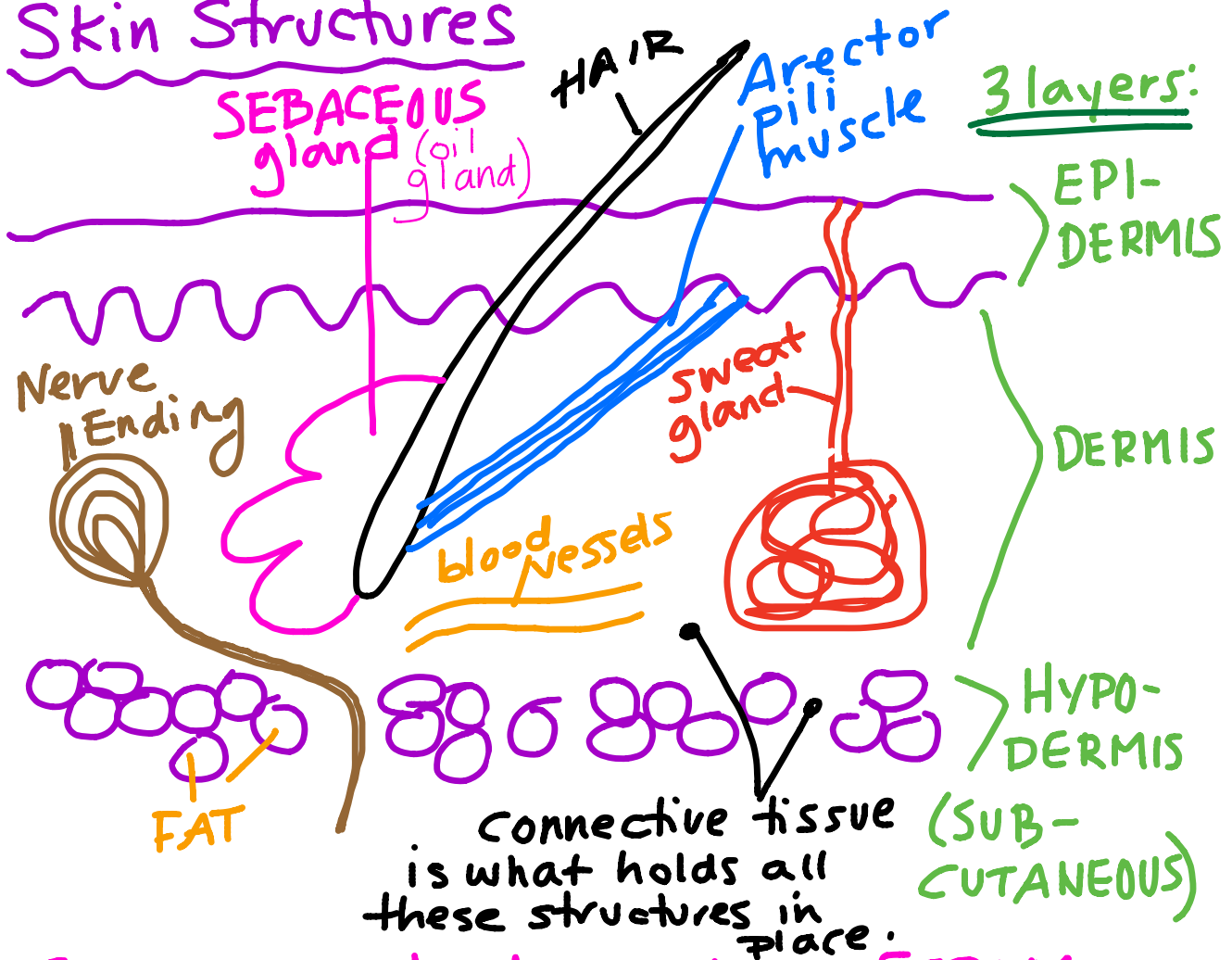
 staphyl...

→ both can cause disease, but they usually live in harmony ☺

- Yeast also lives in our skin, usually in harmony also.

\* Skin is our "1st Line of Defense" of our immune system.

# Skin Structures



SEBACEOUS gland = produces SEBUM  
- oil makes our skin supple (oil!)

Arector pili muscle = pulls on the hair, causing goosebumps!

Sweat Glands - two types: Apocrine & Merocrine (Eccrine)

Apocrine - found in armpits & groin.  
(Bacteria love to eat this sweat, producing odor).

Eccrine - found all over the body  
(ex: forehead, arms, hands, etc.)  
Bacteria don't like this sweat,  
little odor.

