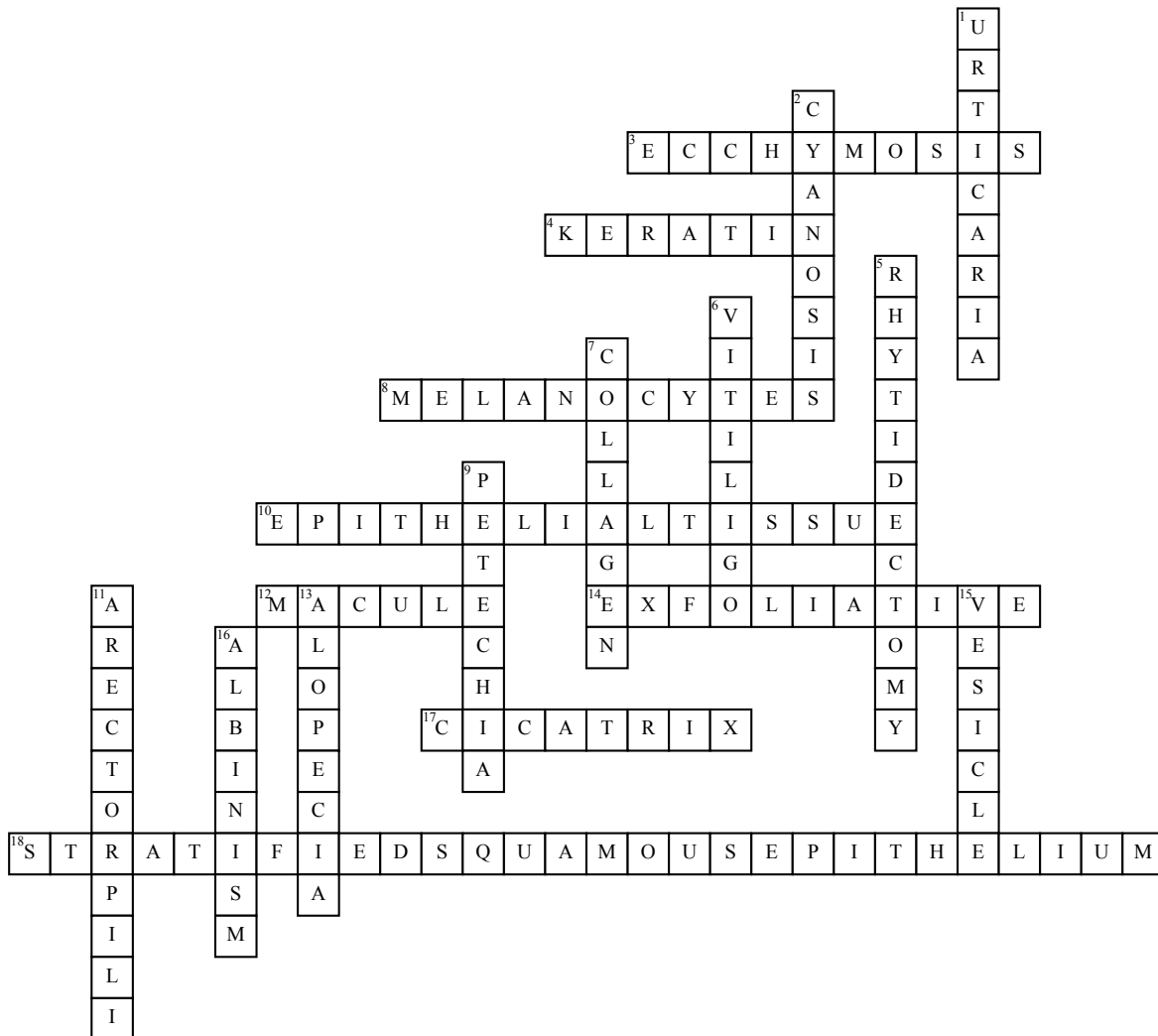


Ch. 4 Integumentary System



Across

3. Black and blue or purplish bruising caused by ruptured blood vessels beneath the skin
4. a fibrous, water repellant, protein found in the epidermis, hair, and nails
8. cells that contain and produce dark brown to black pigments
10. Tissue that covers outside of the body and lines organs and cavities (mucous membranes).
12. aka freckle
14. cells are scraped from the tissue and examined under a microscope

17. scar left after the healing of a wound

18. flat, scaly cells constantly being shed (dead skin cells) and replaced by new cells

Down

1. hives with localized swelling and itching
2. blue or purple discoloration of the skin or mucous membranes from poor circulation/lack of O₂
5. surgical removal of facial skin (wrinkles)
6. loss of pigment in areas of the skin (milk-white patches)

7. a fibrous protein found in skin, bone, cartilage, tendons and ligaments

9. round, pinpoint intradermal skin hemorrhage

11. smooth muscle bundle, contracts on cold temperature or fear, "goosebumps"

13. Hair loss that results from genetics, normal aging, illness, or drugs used to treat certain diseases

15. aka blister

16. an inherited condition that prevents the production of melanin