

LEARNING GOALS

LECTURE 2: EPITHELIAL TISSUE

OVERALL GOALS

- A. Describe the characteristics of epithelium that distinguish it from other types of tissues.
- B. Throughout the course be able to predict the type of epithelium presented based on function and vice versa, be able to predict the function of an epithelium based on structure

SPECIFIC GOALS

CLASSIFICATIONS & STRUCTURE

- 1) Describe the characteristics of epithelium that distinguish it from other types of tissues.
- 2) Describe structural classifications of epithelial tissue by layering: simple or stratified.
- 3) Illustrate epithelial tissues by shape: squamous, cuboidal, or columnar.
- 4) List epithelial cell types and their function.
- 5) Name the specialized structures associated with the lateral, basal, and apical surfaces of epithelial cells.

FUNCTION OF EPITHELIUM

- 6) Predict which epithelial cell type you would expect to find in an organ given the tissue functions.