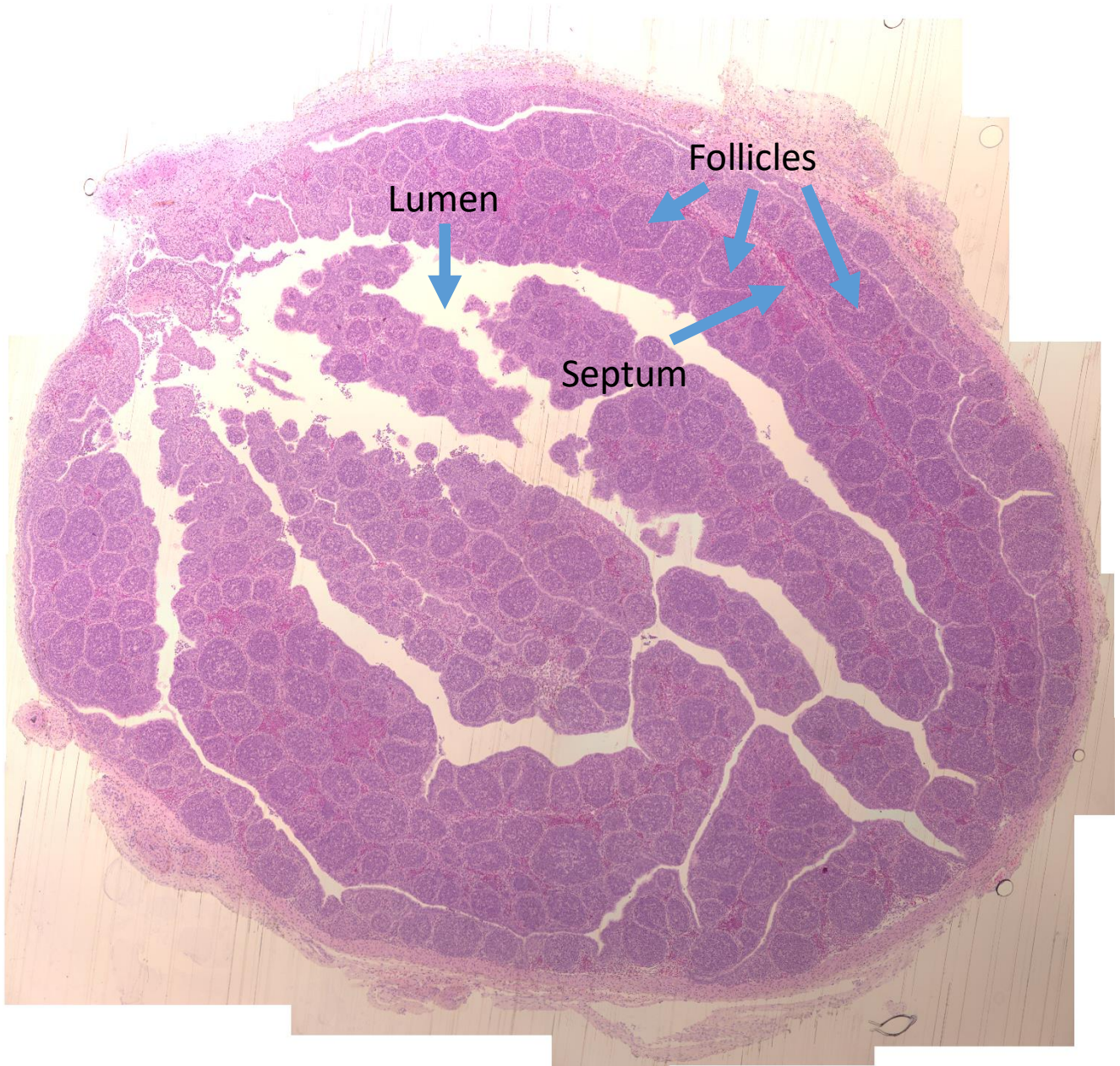


Bursa analysis



Background: A bursa is a small fluid-filled sac lined by membrane with an inner capillary layer of viscous fluid. It provides a cushion between bones and tendons and/or muscles around a joint.

Aim: Segment the image into follicles (roundish collections of cells), septum (tissue between the cells), and lumen (bright holes):

Output:

1. Follicle size (mean and std) and count
2. Total follicle area
3. Total area (tissue + lumen)
4. Lumen area