

Laboratory Exercise 6: Digestive system anatomy

Introduction

During this lab you will carry out Exercise 38 in the Human Anatomy and Physiology Laboratory Manual.

Objectives

The specific objectives for the lab are outlined in page 388 of your lab manual.

The main objective of Exercise 38 is to familiarize you with the gross anatomy of the major structures of the digestive tract and its accessory organs.

You will also become familiar with the histology of the tract and its accessory structures.

Preparation:

The following resources are available to prepare you for lab.

Required preparation:

Exercise 38

Read Exercise 38 in the lab manual and review relevant photomicrographs in the manual's histology atlas

Optional preparation

Use Chapter 24 of the text as a resource to clarify information from lab manual and the histology atlas; a Powerpoint presentation with several micrographs will also be available in public folders.

In-lab assignment

Complete Review Sheets, Exercise 38 (pp. 651 – 656) and turn them in at end of lab.