

## **Laboratory Exercise I: Blood**

### **Introduction**

During lab you will carry out Exercise 29, Blood, in the Human Anatomy and Physiology Laboratory Manual. To prepare yourself for the lab you should read Exercise 29 before coming to lab. Chapter 18 in your lecture text is also a useful reading. In addition to this, a number of other resources are available to you for preparation, and you will have to complete the pre-lab and turn it in at the **BEGINNING** of your lab session.

### **Objectives**

The objectives for the lab are outlined in p.285 of your lab manual.

### **Preparation for lab:**

The following are available resources to help you study blood – you are not required to use all of these, but should come into lab prepared - you will work more efficiently and you will be able to finish your lab exercise more readily.

#### Required preparation:

1. Exercise 29 in the lab manual: read prior to class
2. Prelab exercise: complete Review Sheet 29, pp. 601-605 in your lab manual and turn them in to your instructor at the beginning of lab.
3. Examine plates 58 – 63 in your lab manual's histology atlas, p. 697.
4. Examine blood slides in the Physioex Histology module

#### Optional preparation:

1. Chapter 18 in your lecture text – use this as reference to clarify material in lab manual.
2. [Laboratory resources](#): a collection of many links that will help you with your study of blood.

### **In Lab assignment:**

You will conduct a study of the profile of your blood and turn in a summary sheet (provided in lab) with your data.