

Lab on Gametogenesis

In this activity you will be looking at spermatogenesis and oogenesis in the gonads of males and females. In this case you will be looking at a cross section of a rat testis and rabbit ovary. In the rat testis you will be drawing a “wedge” of a seminiferous tubule. This is the site of meiosis in males. In females you will be looking at a cross section of a rabbit ovary. You will be observing the location of meiosis in females. You will need to draw a section through the graffian follicle in the ovary.

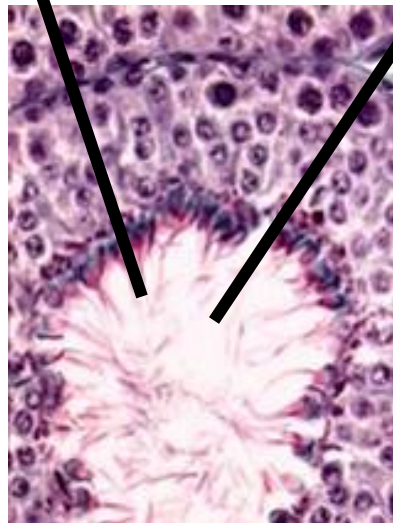
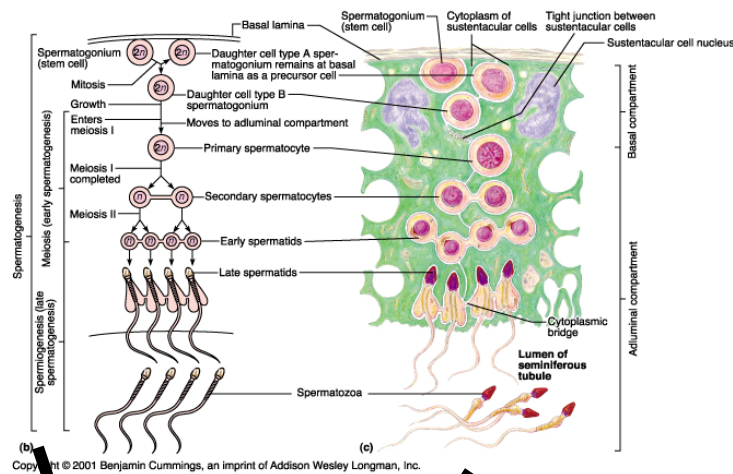
Materials:

Rat Testis Cross Section Prepared Slide

Rabbit Ovary Longitudinal Section Prepared Slide

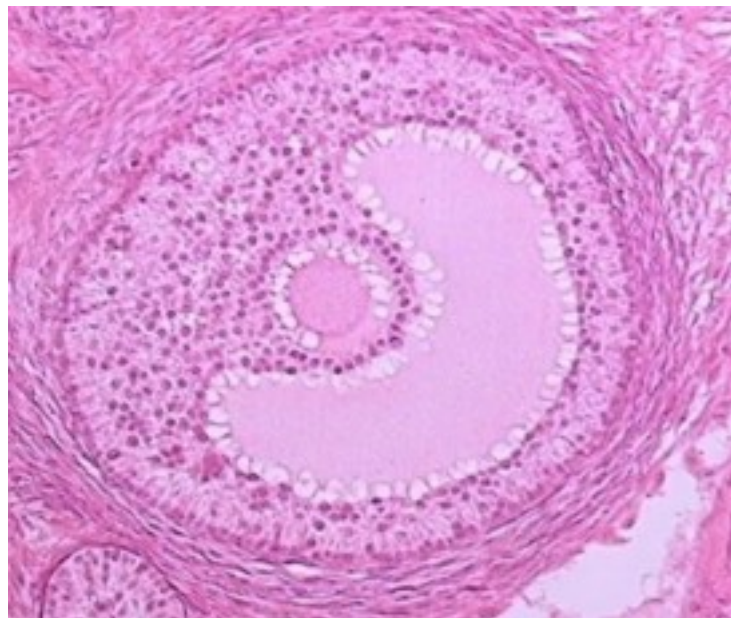
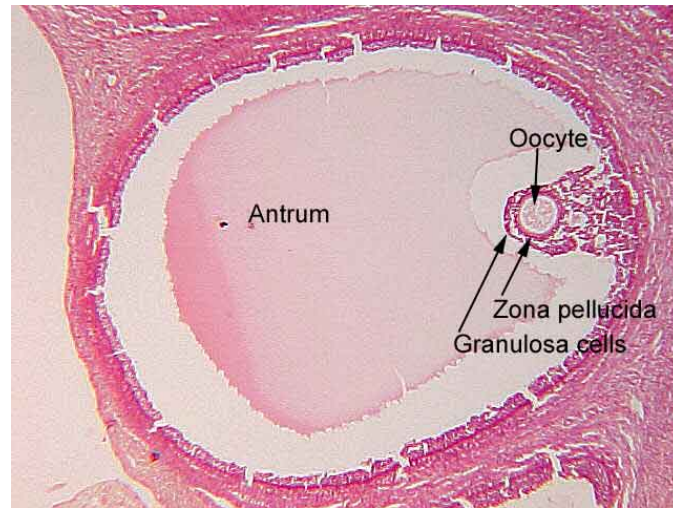
Procedures:

1. Obtain a rat testis slide. Focus on the slide on low power and then move to high power.



Draw a wedge as shown

2. Obtain a rabbit ovary slide. Focus on low power. You will need to draw this on the medium power.



3. Make sure to label and give size for each drawing.