Biology12
Microscopic Anatomy of Ovaries

Examine a prepared slide of an ovary (see diagram below). Note that the ovary contains an inner core of loose fibrous tissue. The outer part contains the follicles that produce the eggs. Find a mature follicle and switch to high power. Note the egg surrounded by cells to one side of the liquid filled follicle. The follicular cells surround the egg. Ovarian follicles produce the female sex hormones, estrogen and progesterone. Draw a section of the ovary showing a mature follicle, labeling the bolded structures.