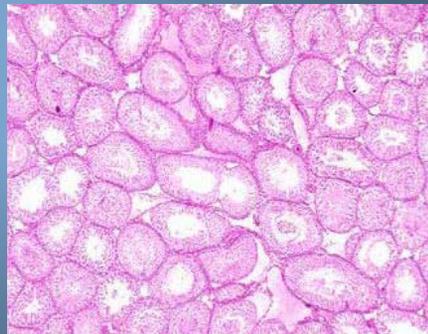
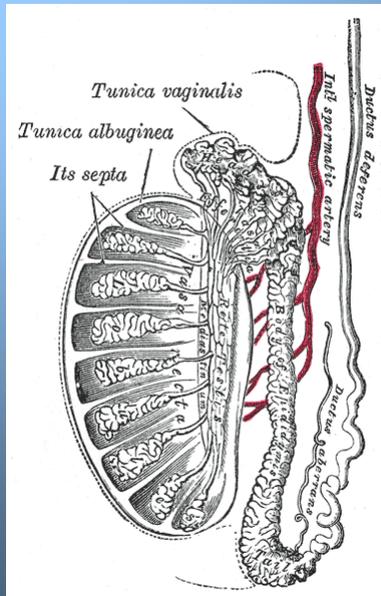


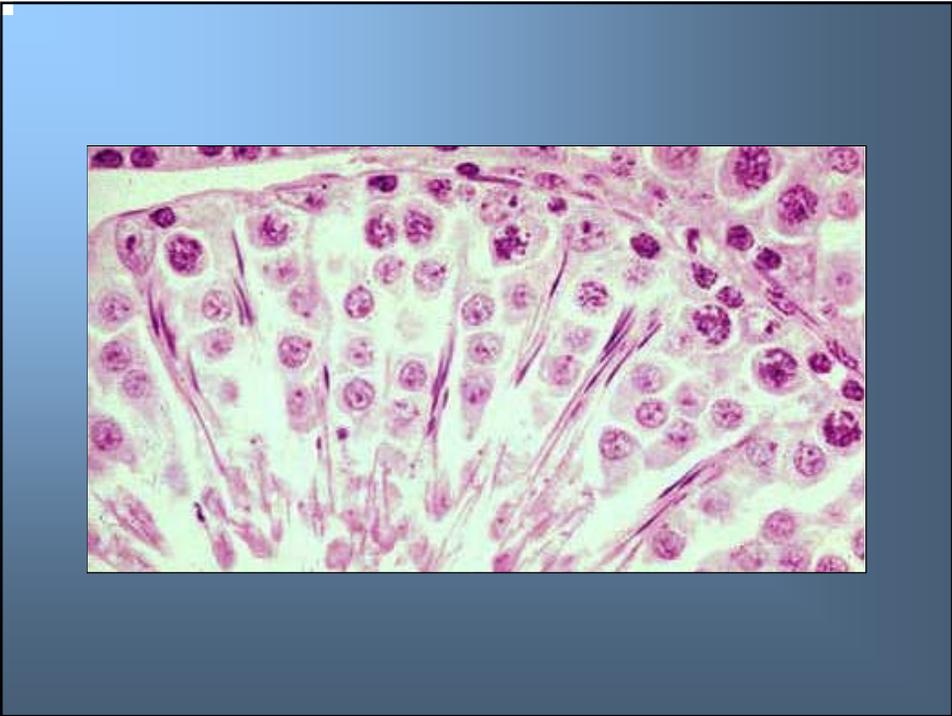
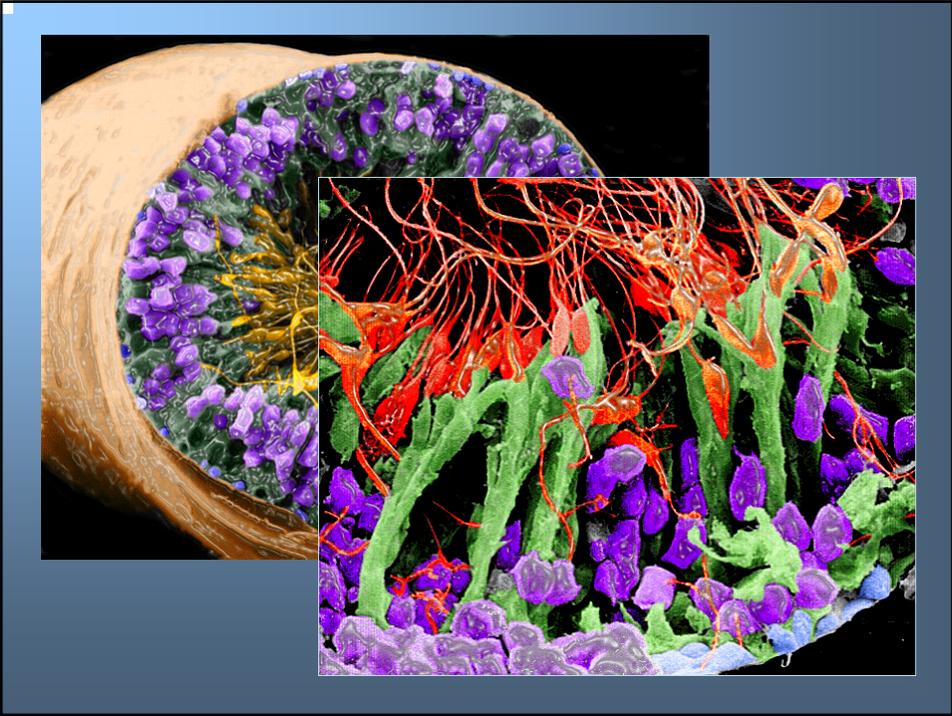
Programa Académico de Bachillerato
Universidad de Chile
Curso Biología

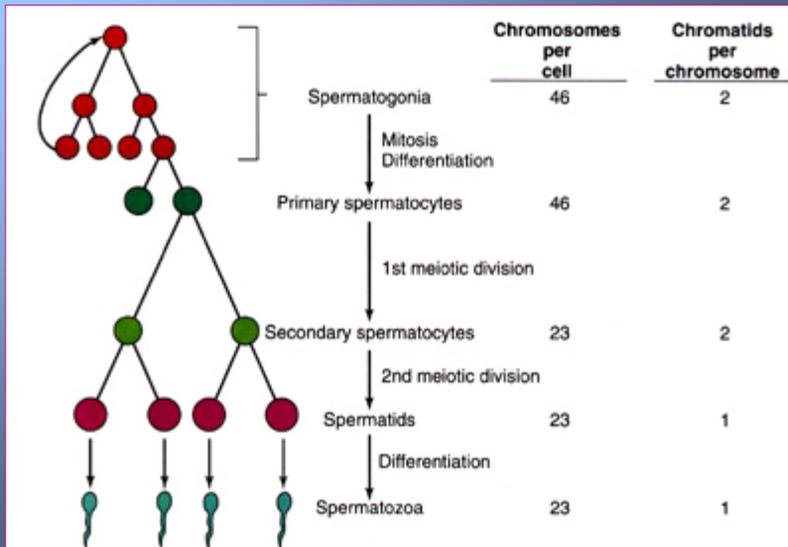


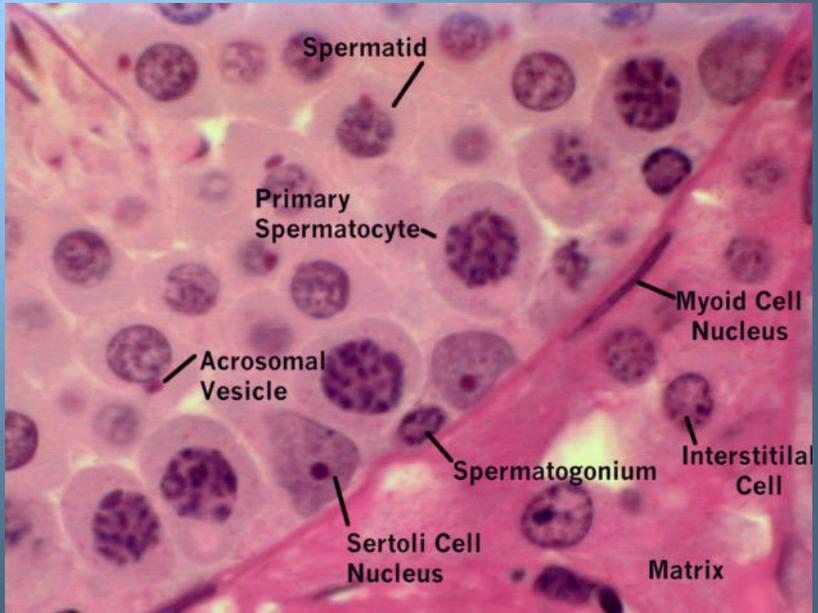
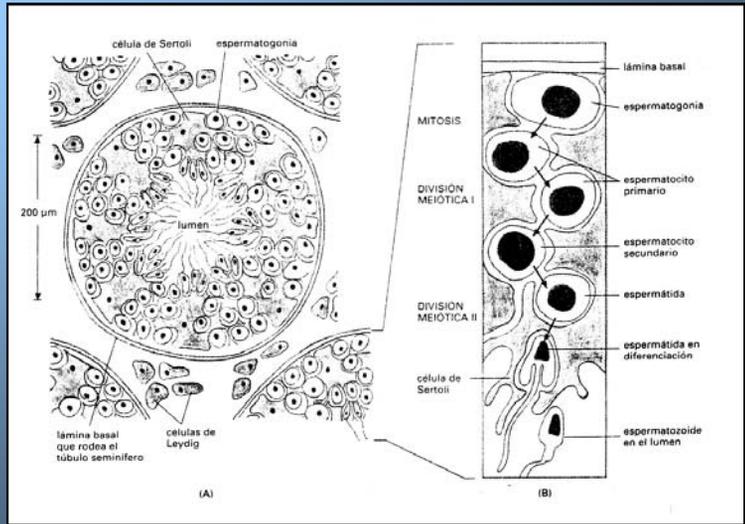
Clase: Gametogénesis

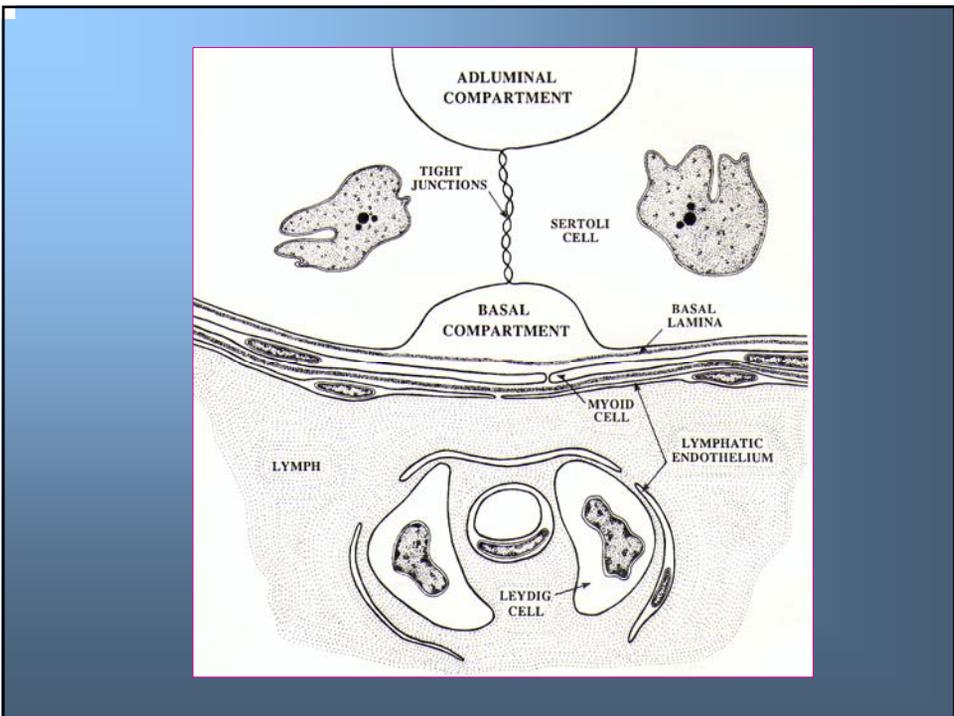
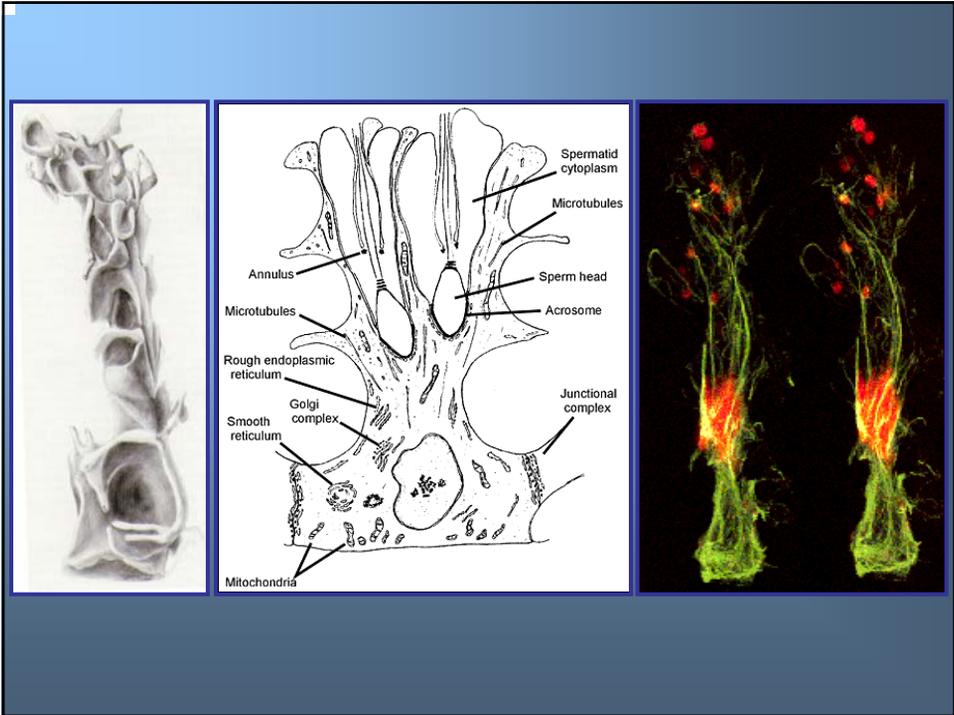
*Dr. Enrique Castellón
Programa de Fisiología y Biofísica
Instituto de Ciencias Biomédicas
Facultad de Medicina, Universidad de Chile*

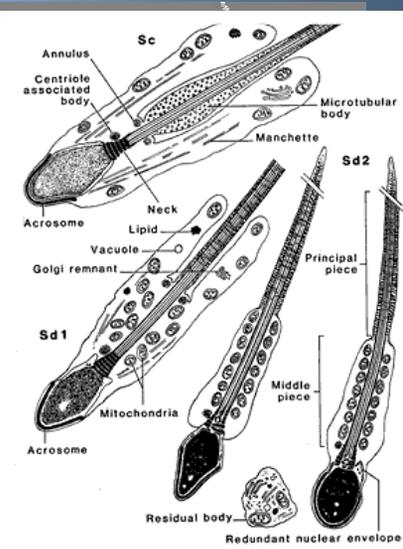
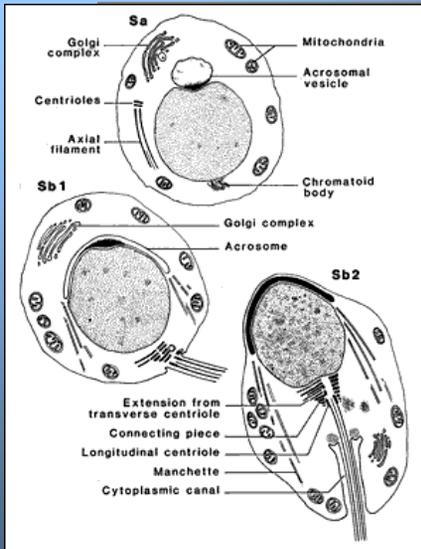
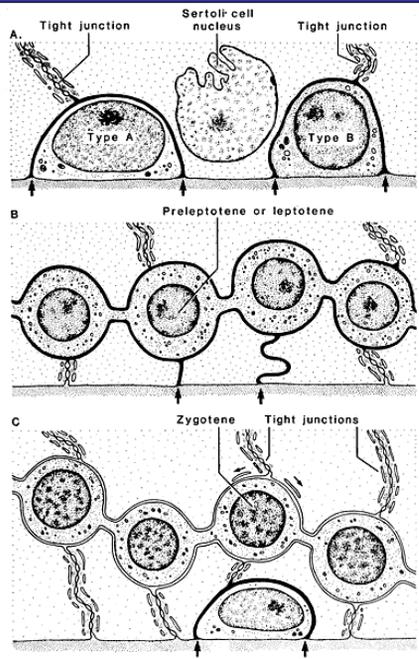
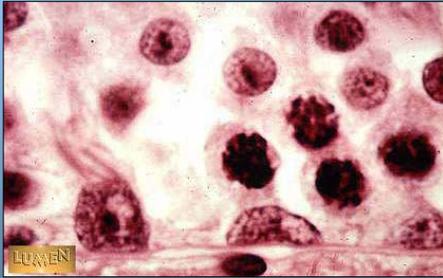


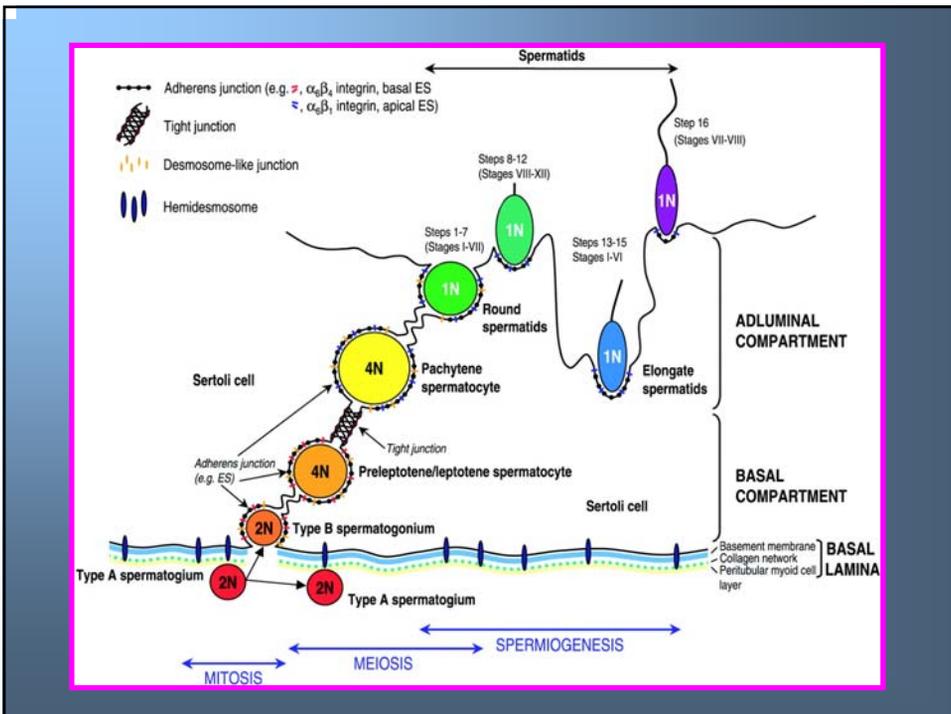
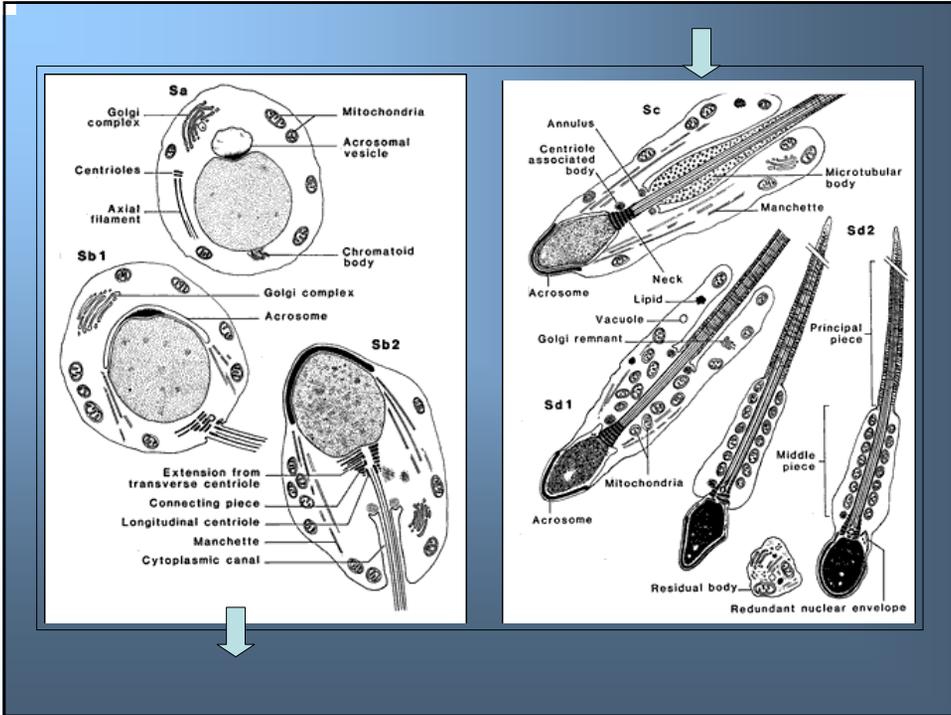


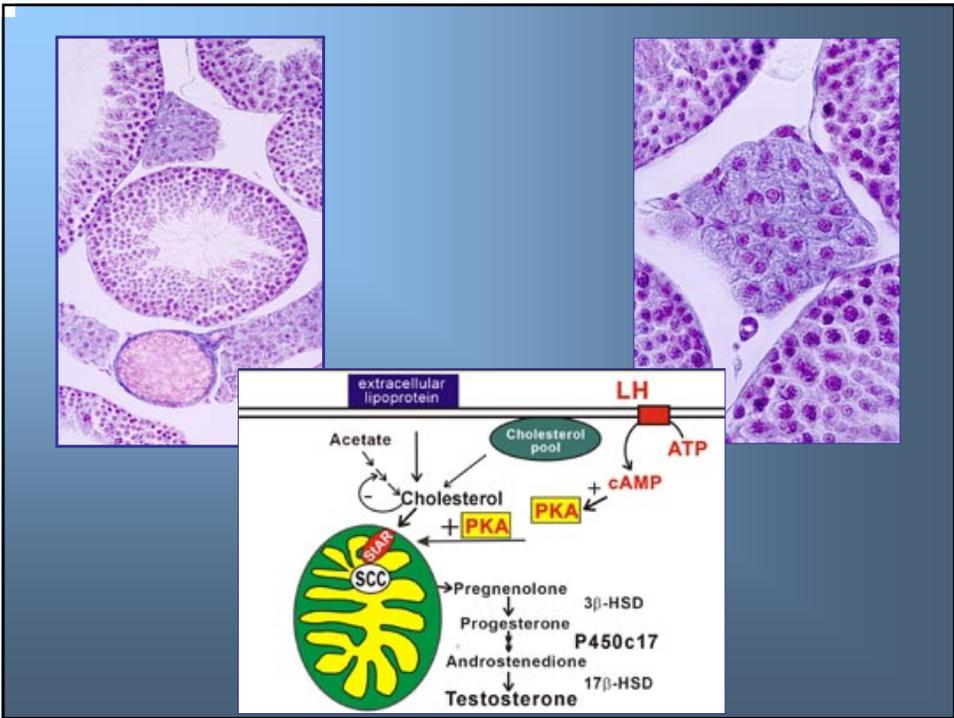
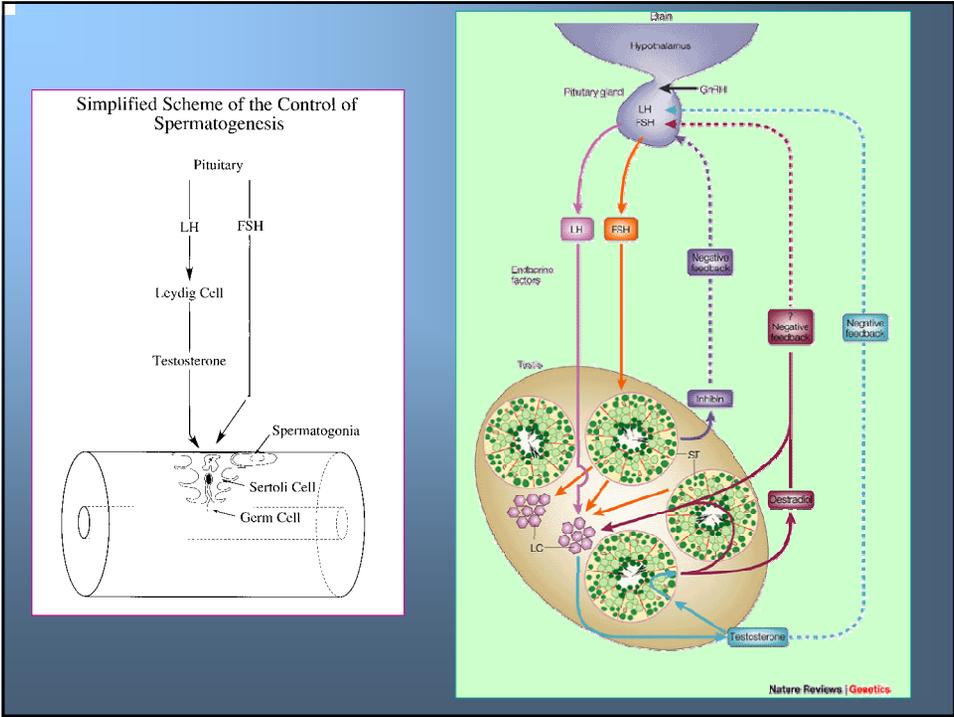




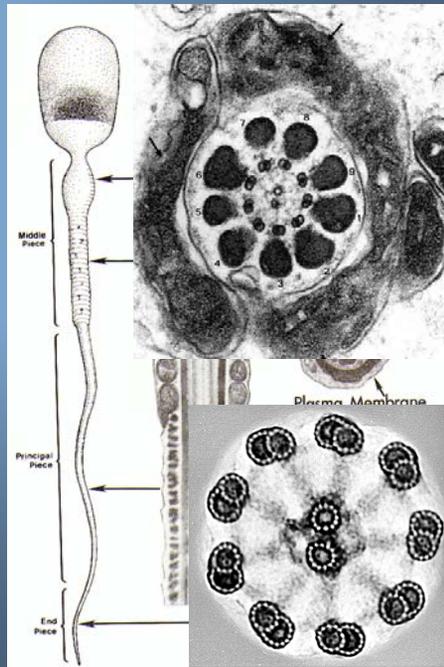
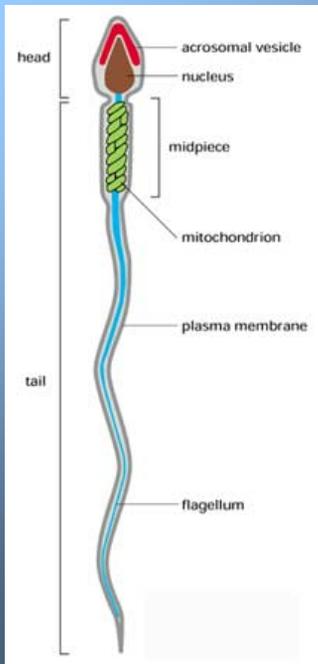
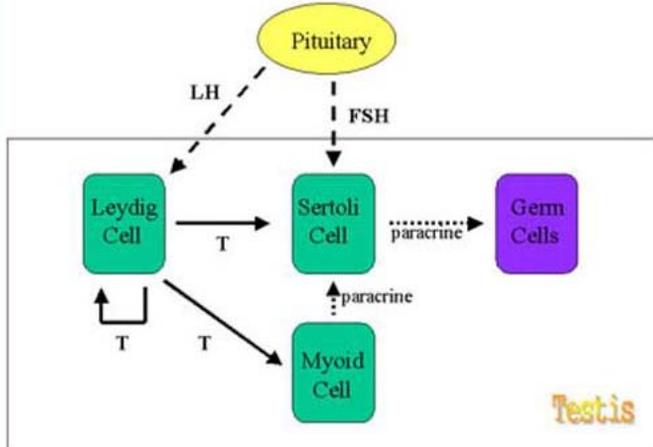


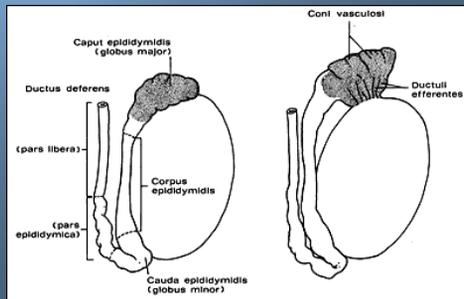
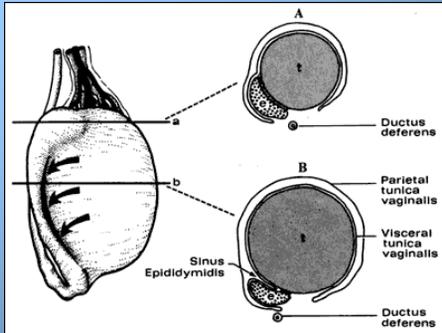
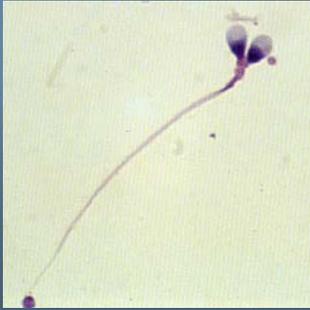
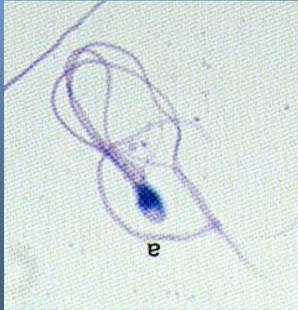
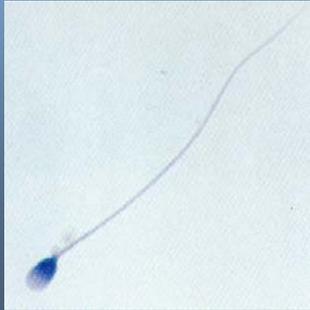
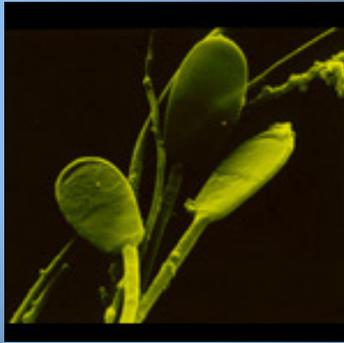




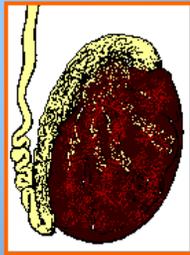


Role of Testosterone in Germ Cell Development

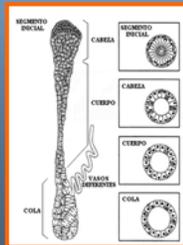




Production and maturation of sperm	
	Spermatogenesis in the testis approx. 70 days
	Maturation of sperm in the epididymis ≤ 2 weeks Acquisition of <ul style="list-style-type: none"> ■ Motility ■ Capacity to bind to an ovum ■ Capacity to penetrate the zona pellucida

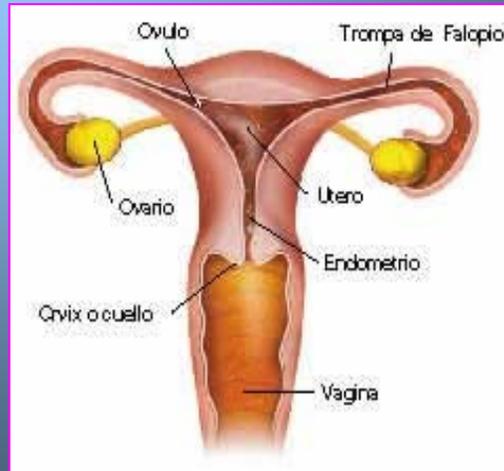


Función epididimaria

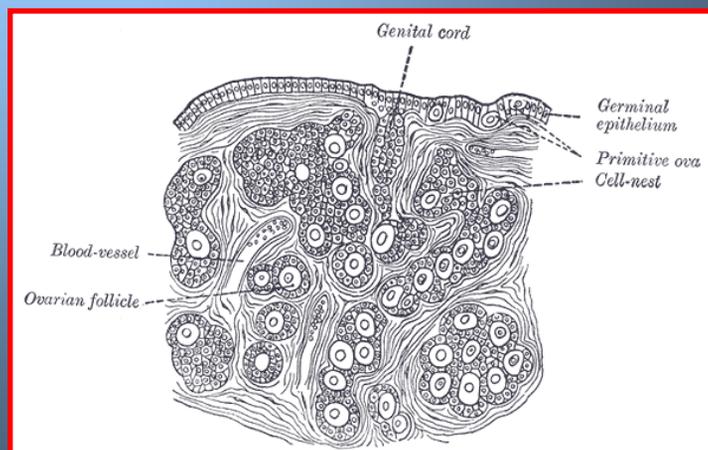


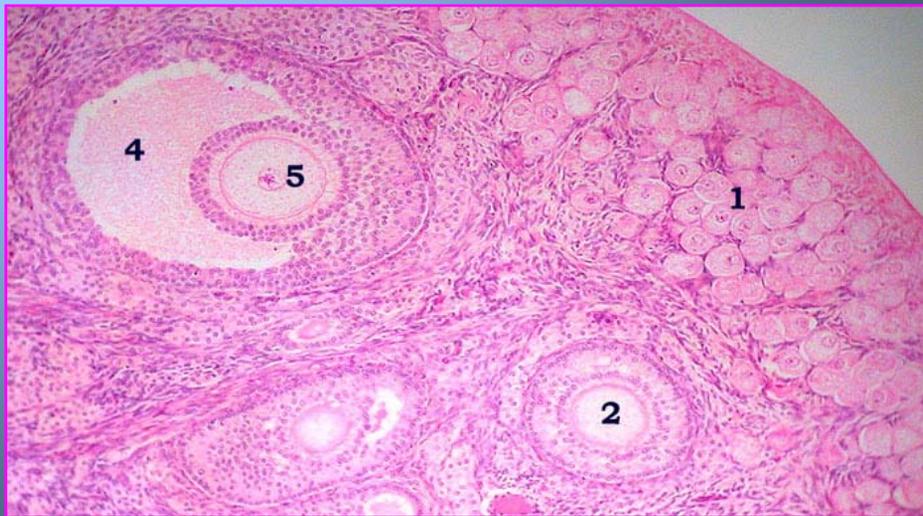
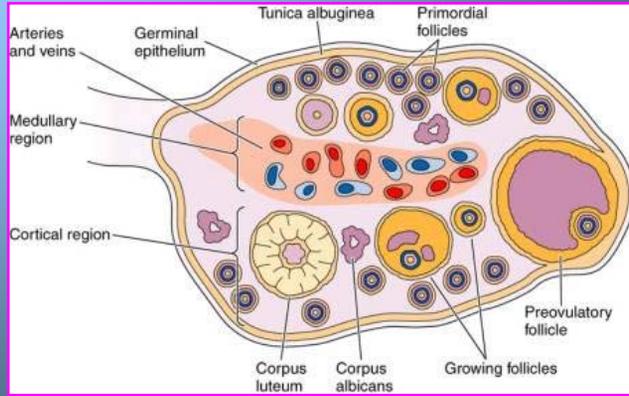
- Transporte
- Maduración
- Protección
- Almacenamiento

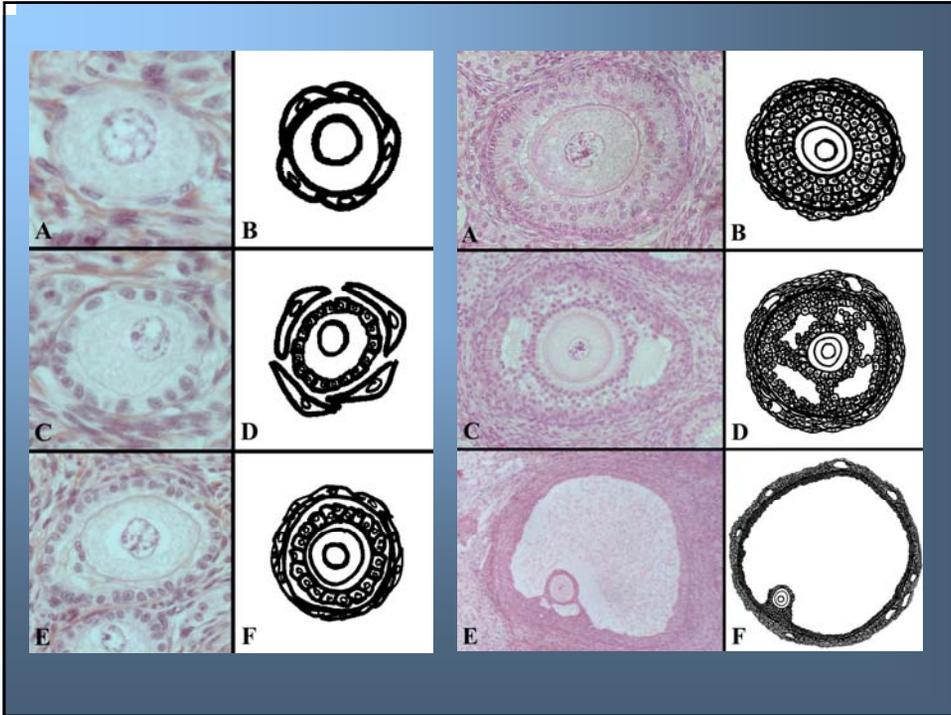
Aparato Reproductor Femenino



Comienzo de la meiosis y formación de folículos primordiales

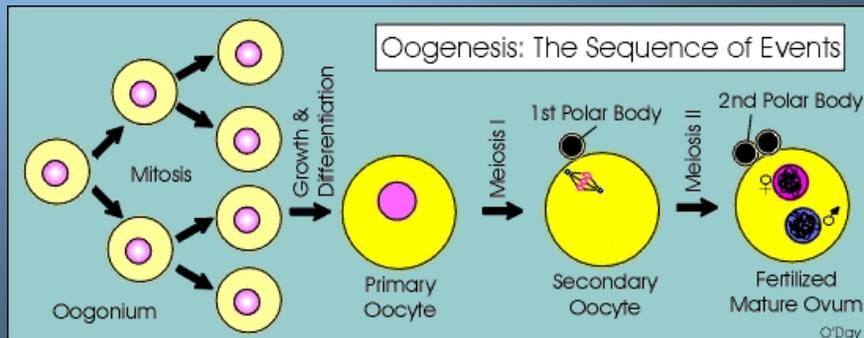




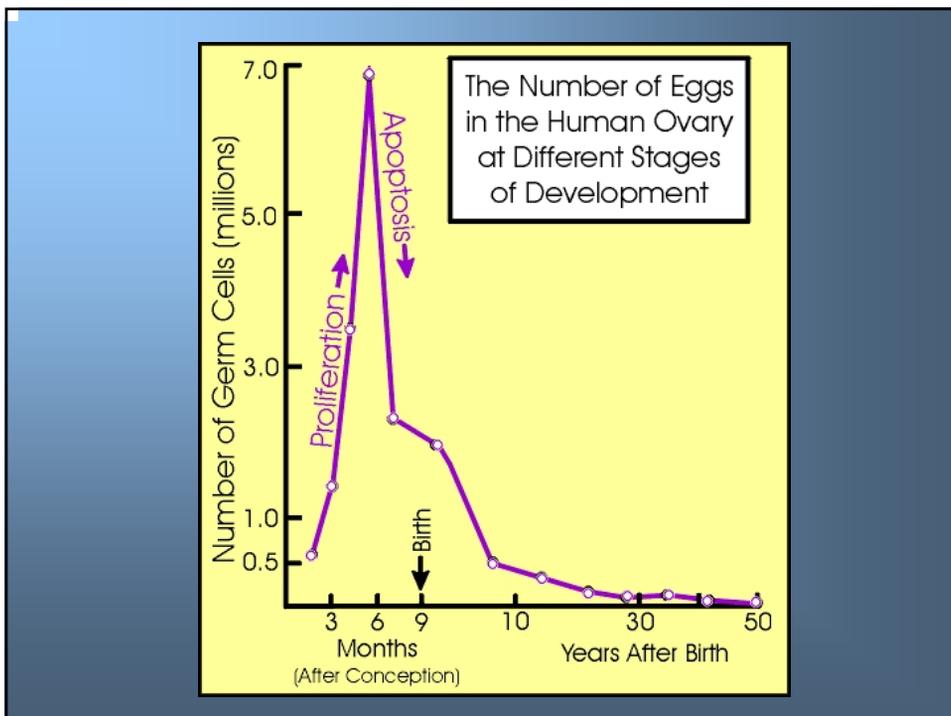
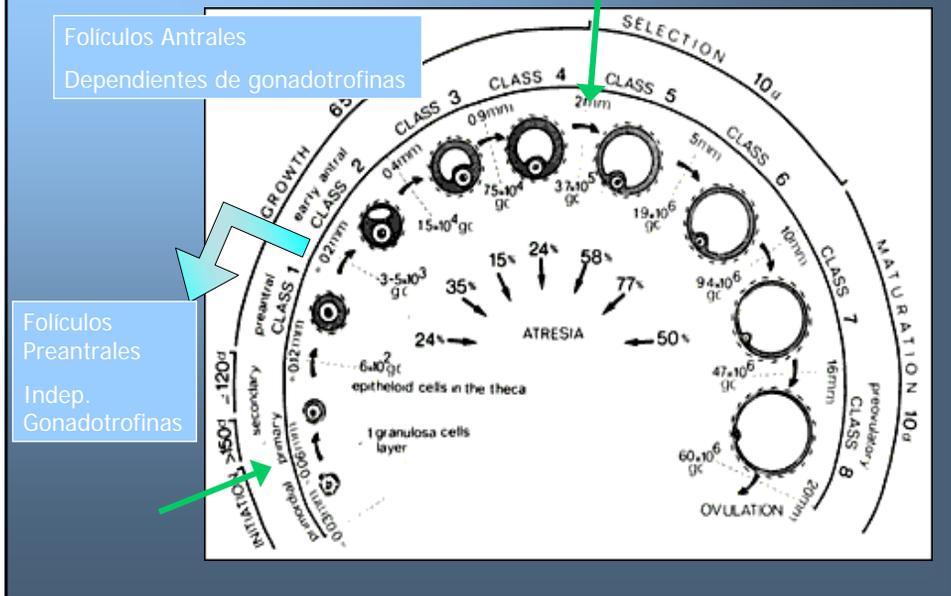


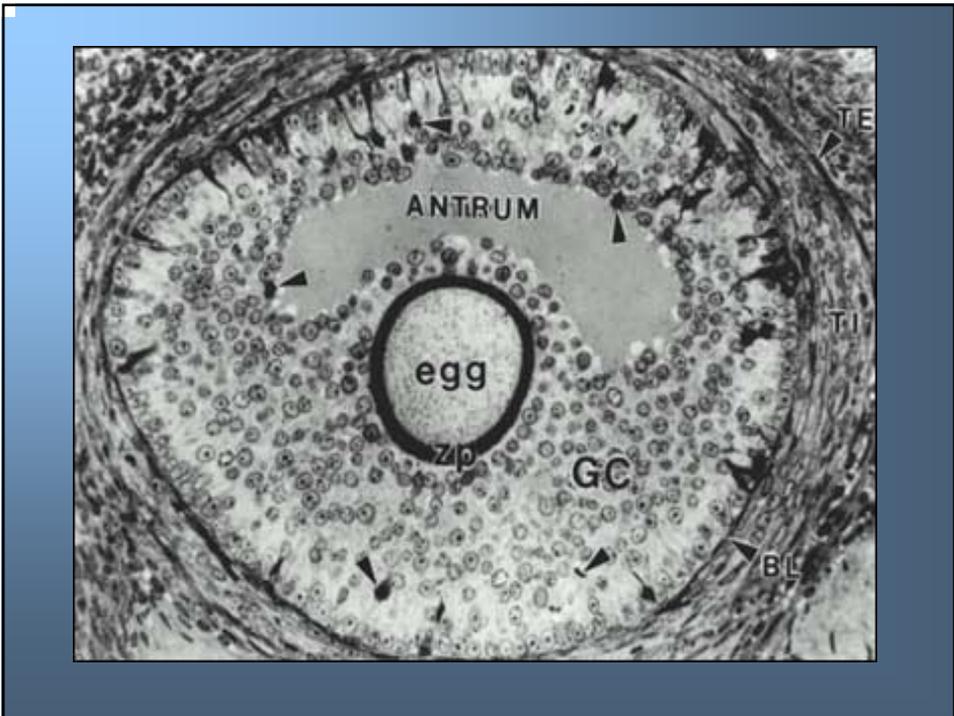
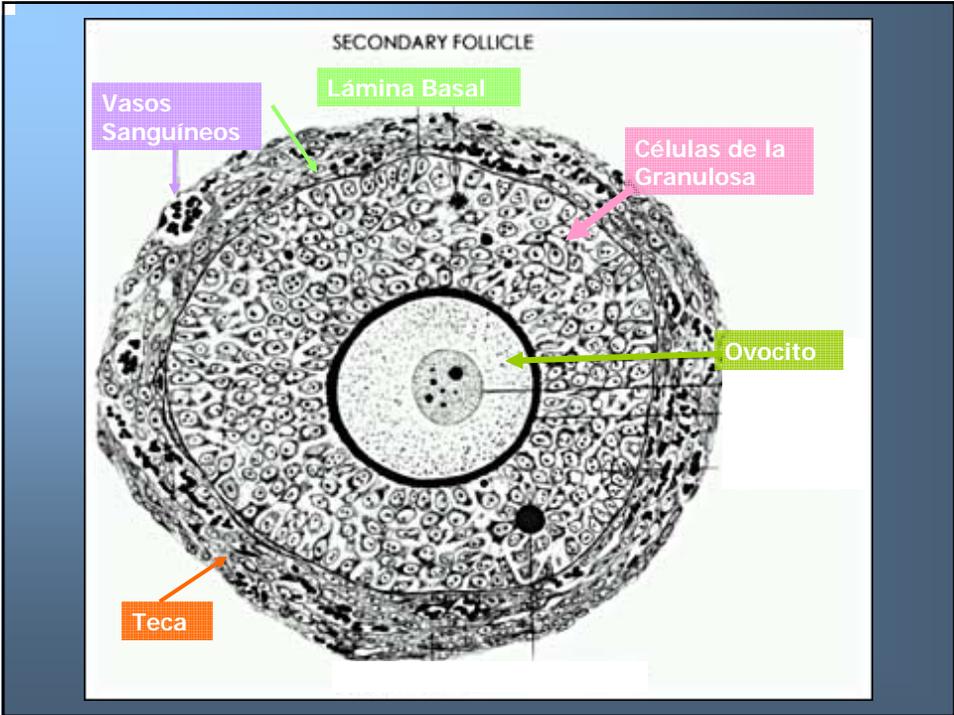
Establecimiento Reserva Ovárica

- Desarrollo embrionario células germinales
- Mecanismo de Arresto

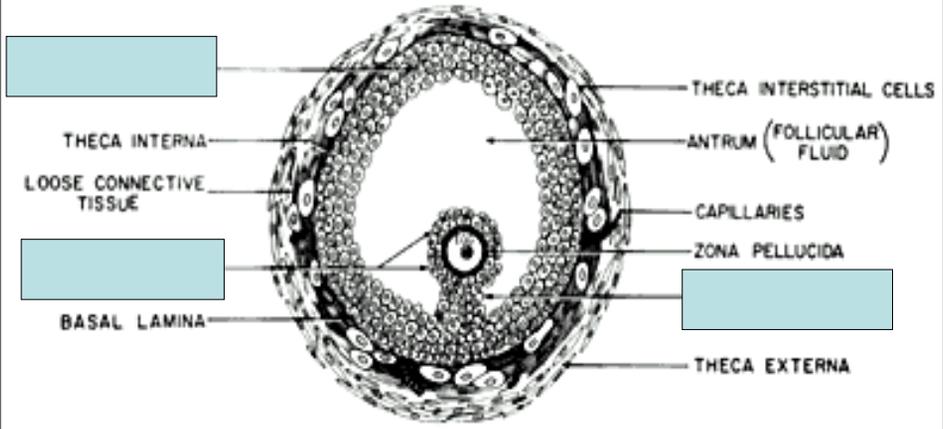


Ciclo de desarrollo folicular

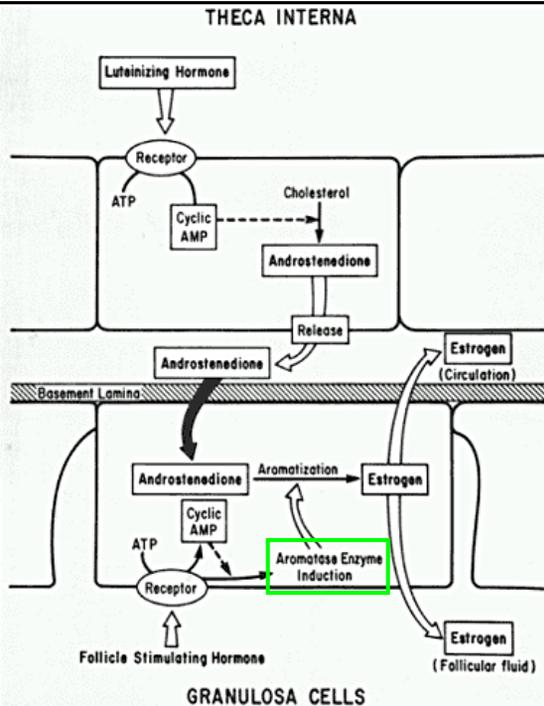




HISTOLOGIC ARCHITECTURE OF GRAAFIAN FOLLICLE

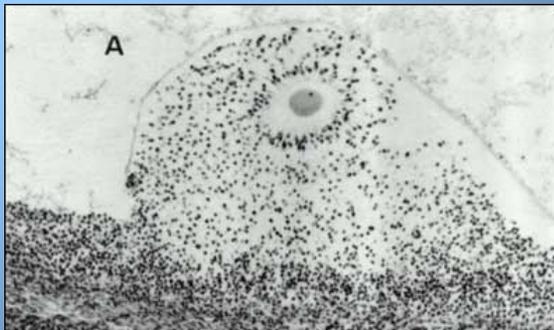
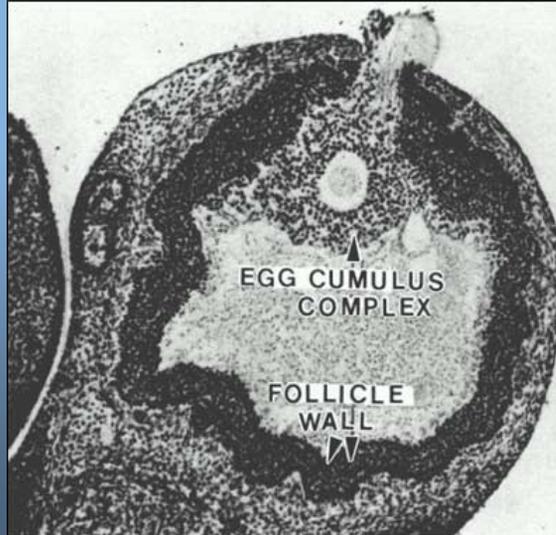
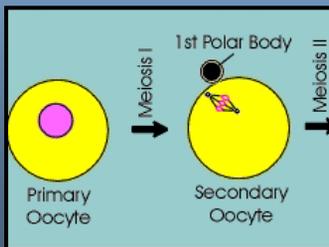


Síntesis de estrógenos en la granulosa

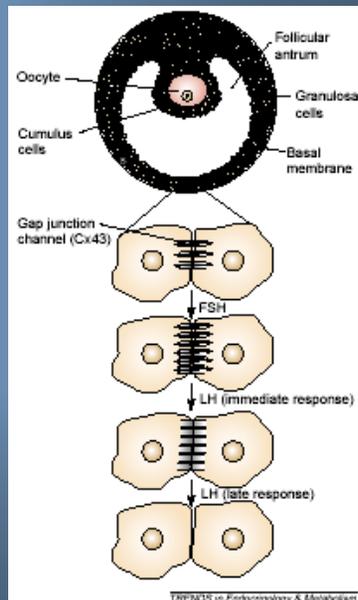


OVULACION

- Pulso LH y FSH
- Reactiva Meiosis
- ↓ cAMP



- LH/FSH
- Mucificación
- Pérdida uniones estrechas



Estigma y Ovulación

