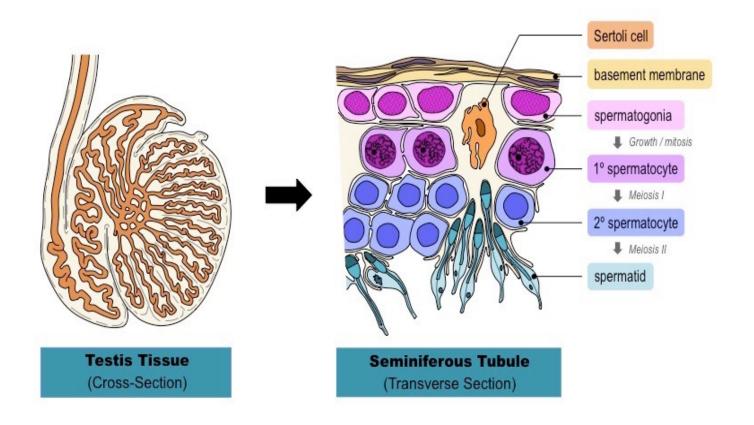
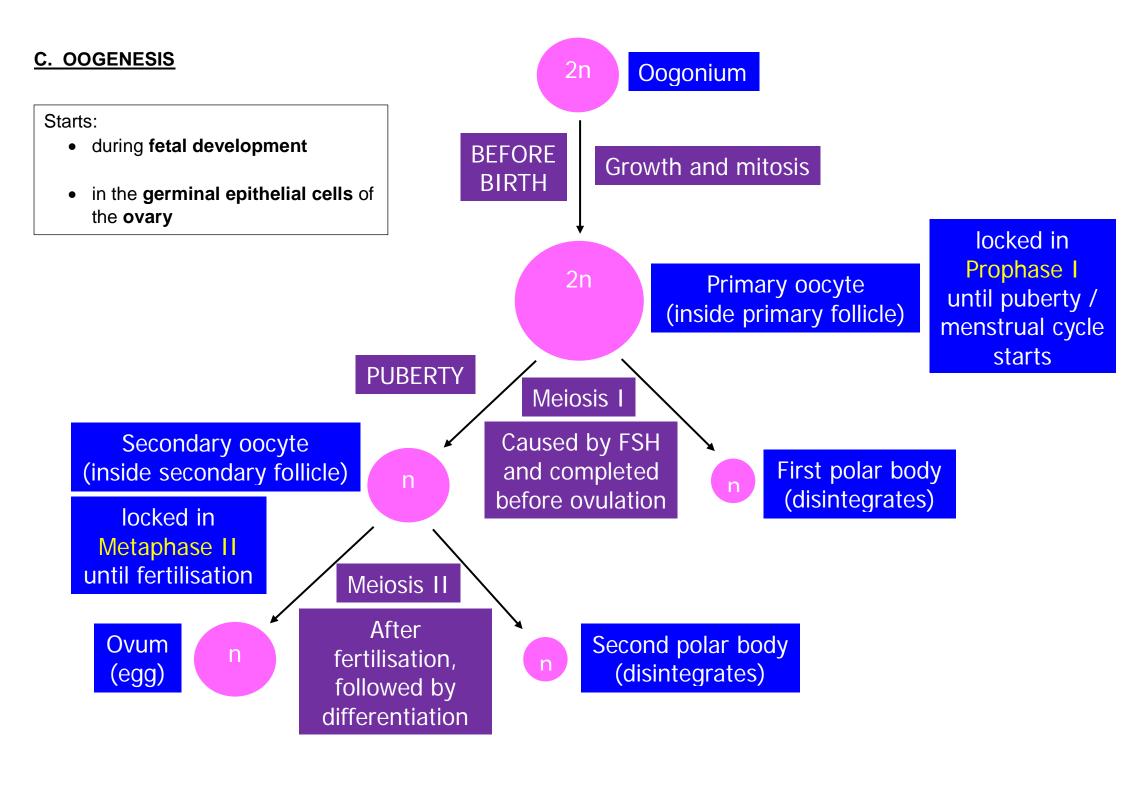


SERTOLI (NURSE) CELLS nourish the spermatids as they differentiate into spermatazoa

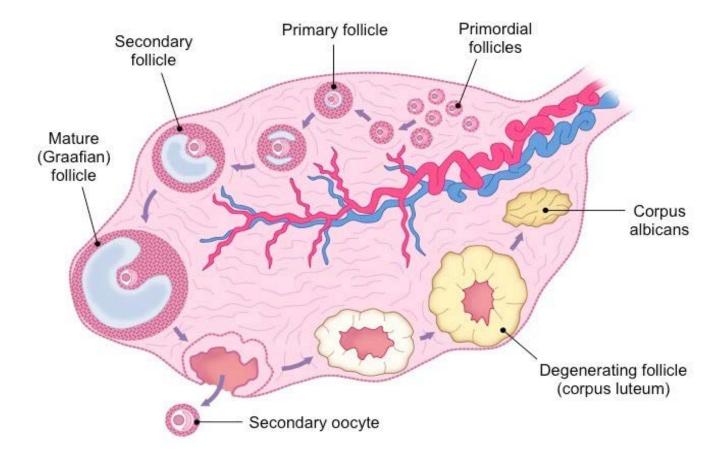
B. INSIDE THE SEMINIFEROUS TUBULES



- The further you go in from the outer layer, the further on spermatogenesis is.
- For example, the first cells, spermatogonia, are made nearest to the surface membrane.



D. INSIDE THE OVARY



- The further you go anticlockwise from the outer layer, the further on oogenesis is.
- Oogonia form primordial follicles, which are at the very start.

Spermatogenesis	Oogenesis
Both start with germ cells/germinal epithelium (of gonads)	
Both involve cell growth before mitosis	
Both start with mitosis to produce many gametes	
Both involve meiosis/reduction division/creating haploid (n) cells	
Happens in testes	Happens in ovaries
Millions/large numbers produced daily	One/few produced per month
Released during ejaculation	Released during ovulation
Begins during puberty	Begins before birth
Continues throughout life	Stops at menopause
Four sperm made per meiosis	One egg produced per meiosis
Polar bodies not produced / equal division of cytoplasm	Polar bodies produced / unequal division of cytoplasm
Cytoplasm is reduced in sperm	Cytoplasm is increased in eggs
Sperm are motile/mobile	Eggs are not motile/mobile