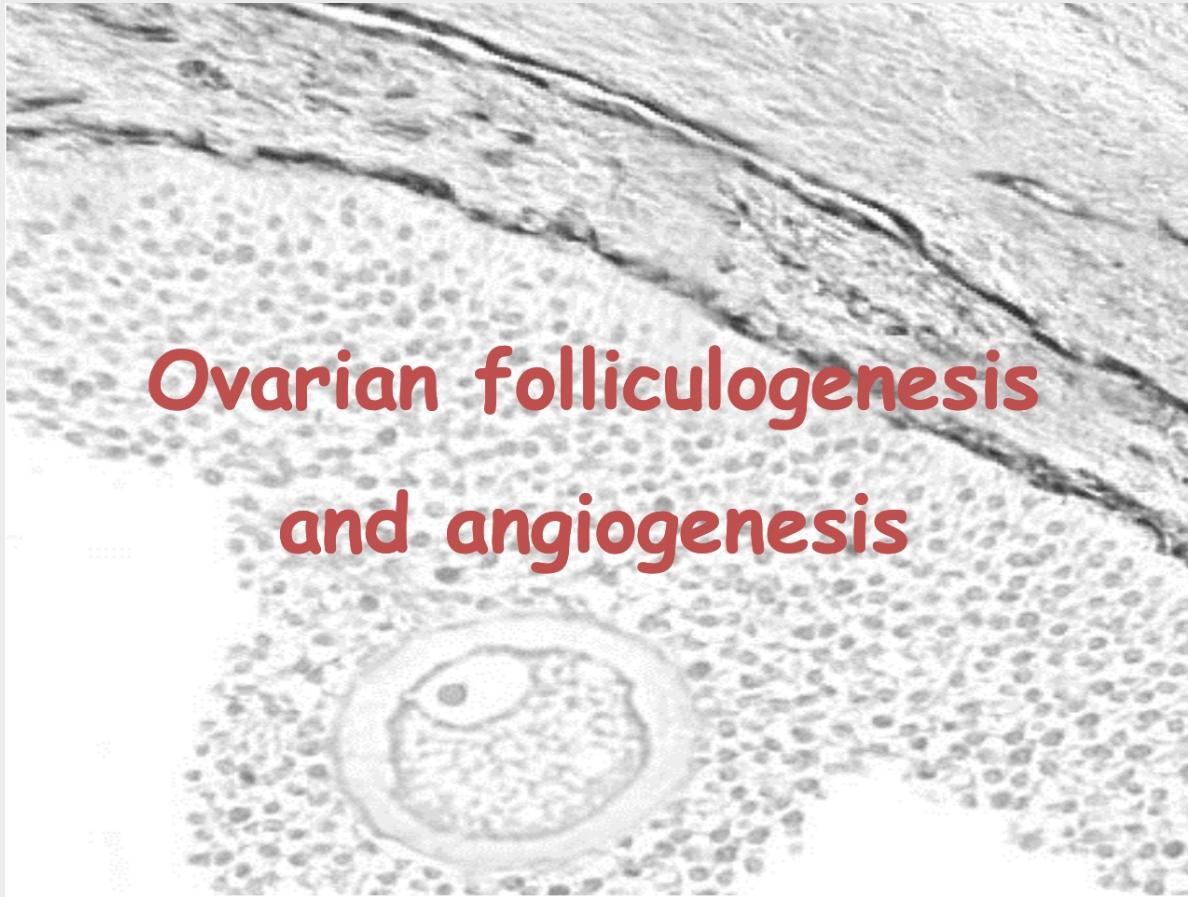
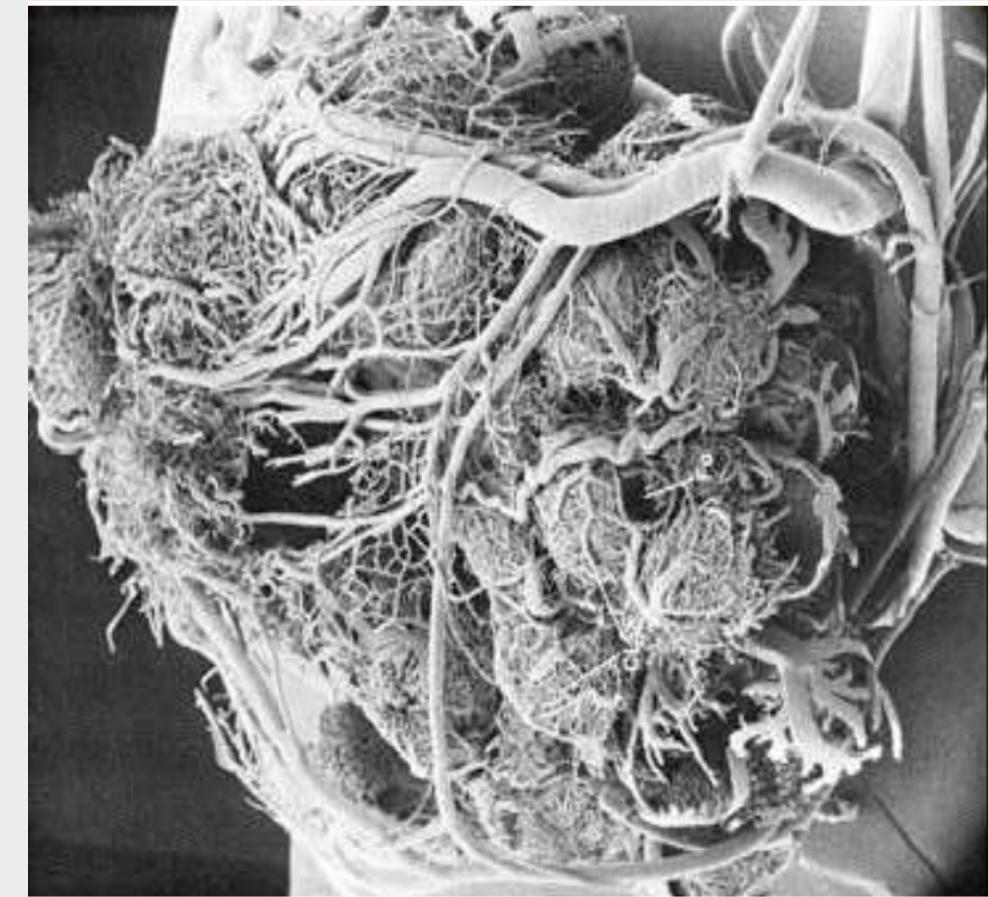
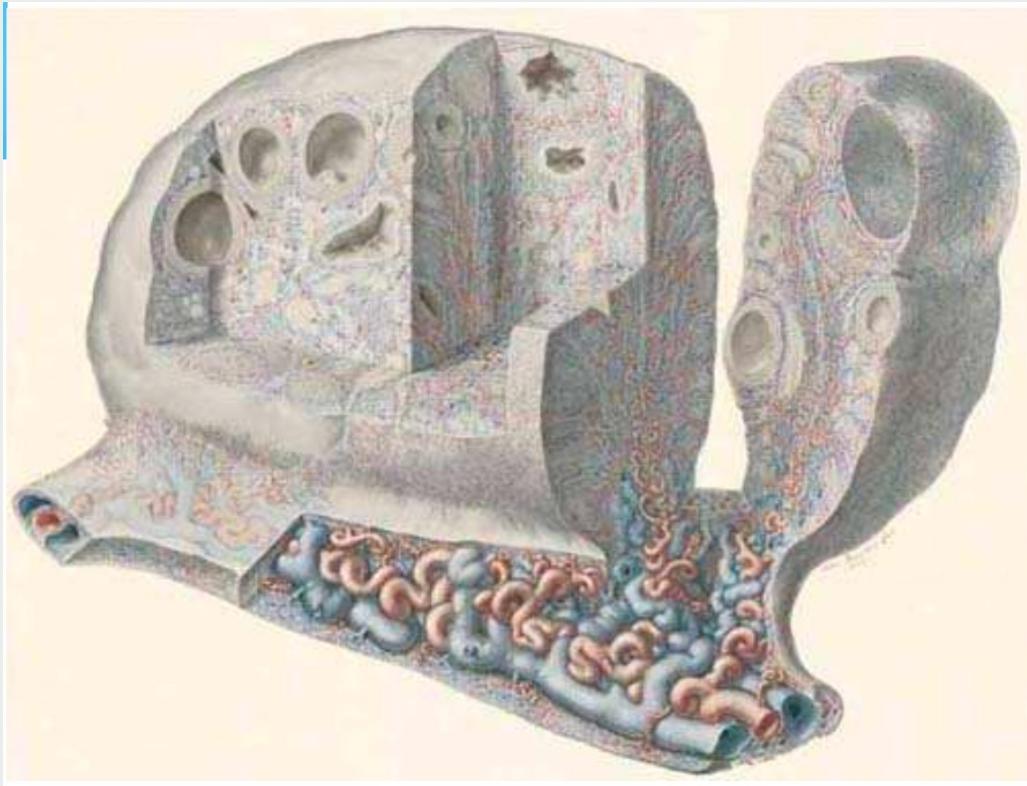
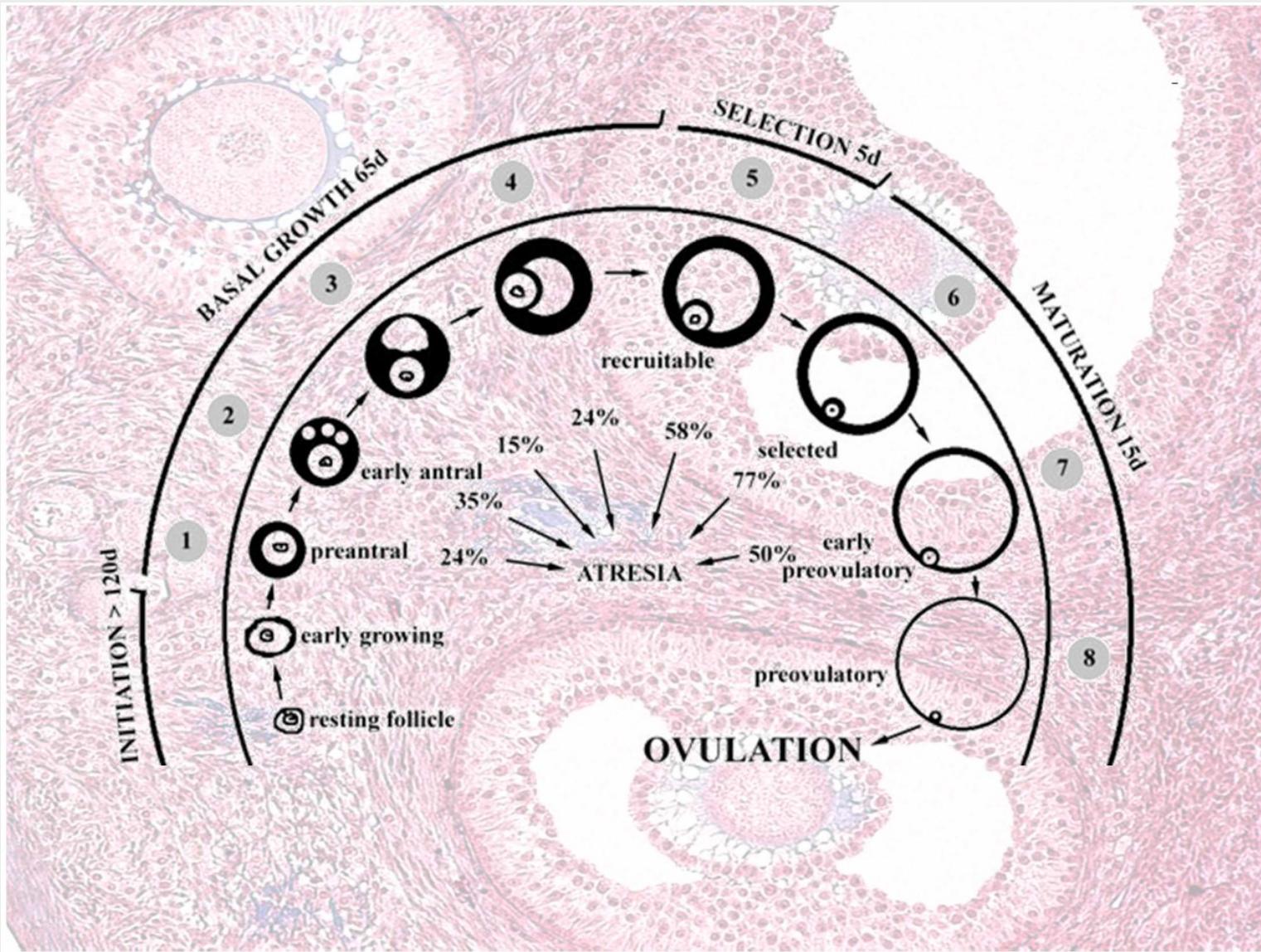


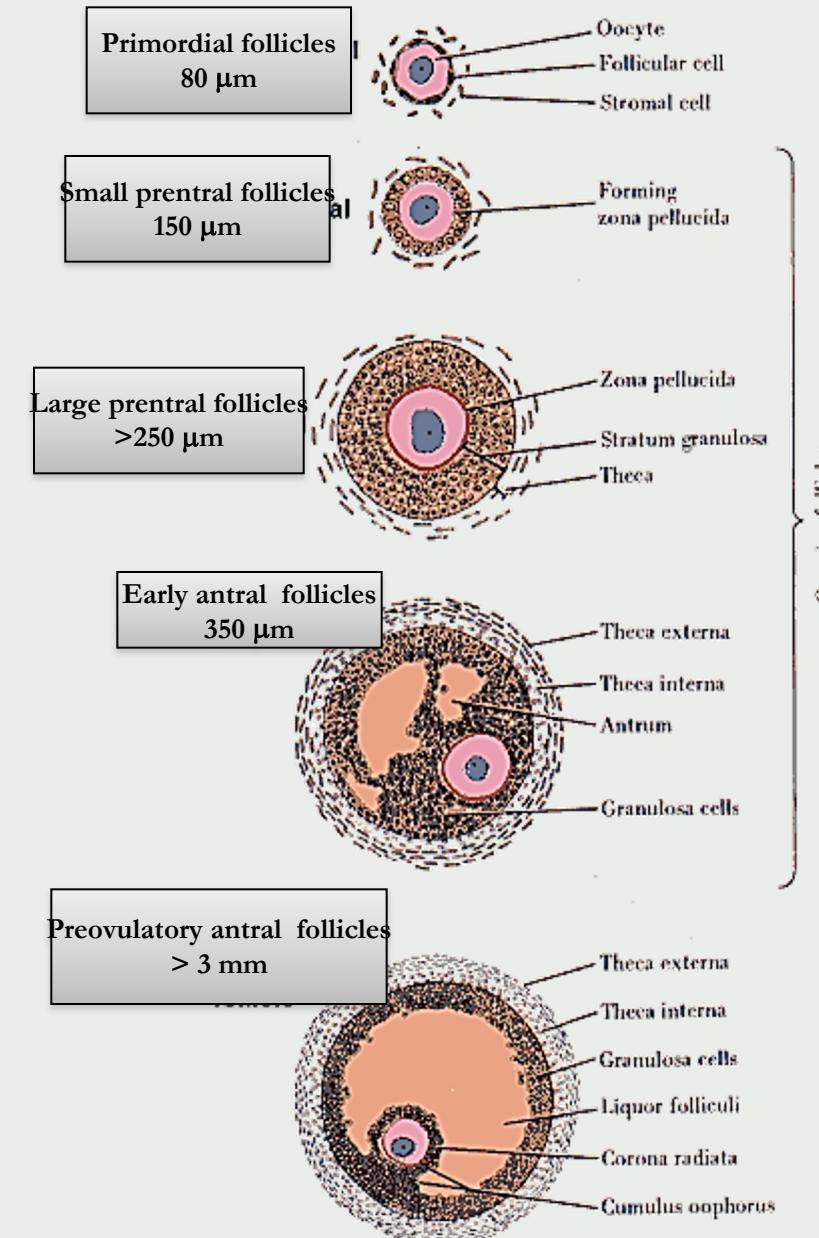
Ovarian folliculogenesis and angiogenesis



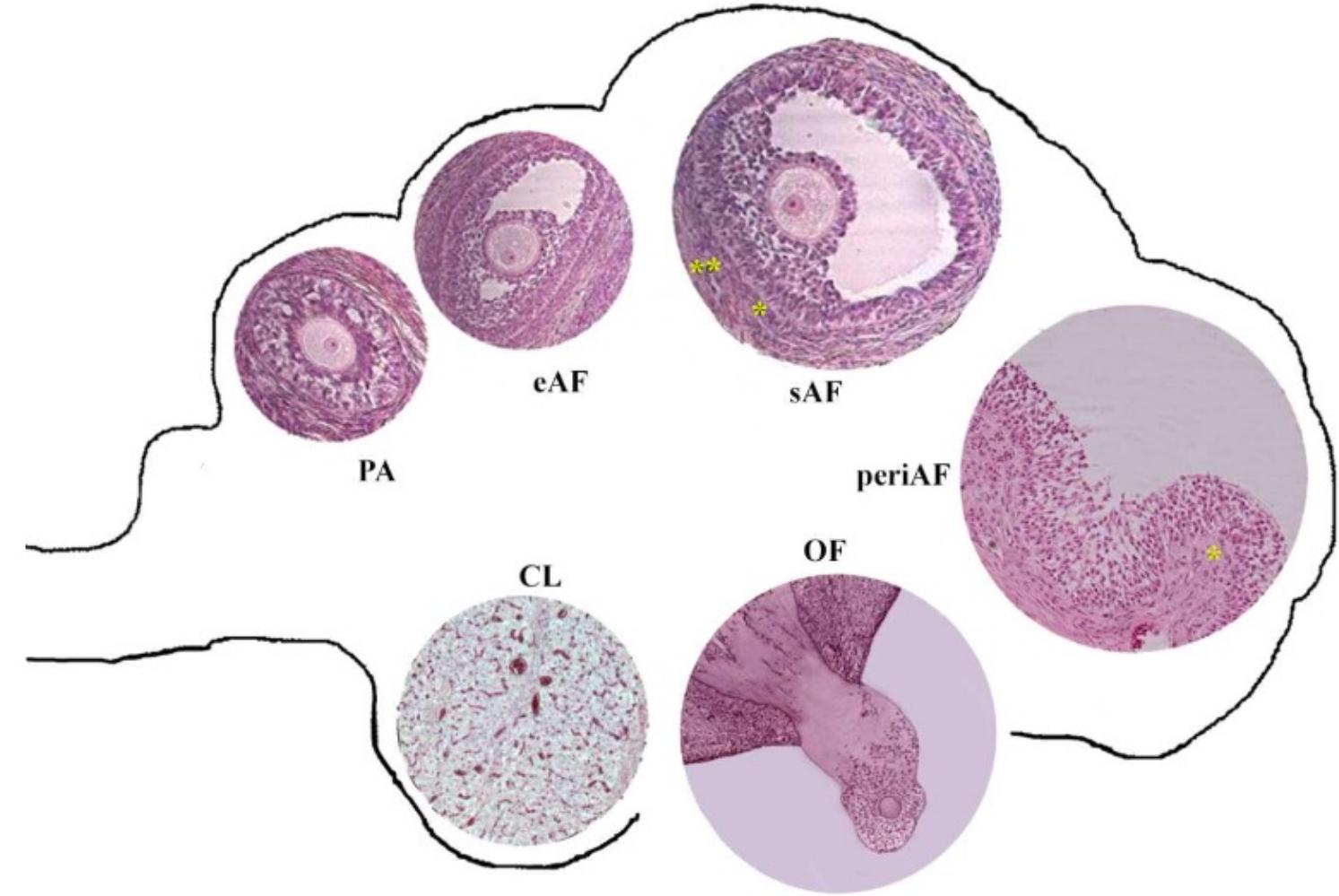




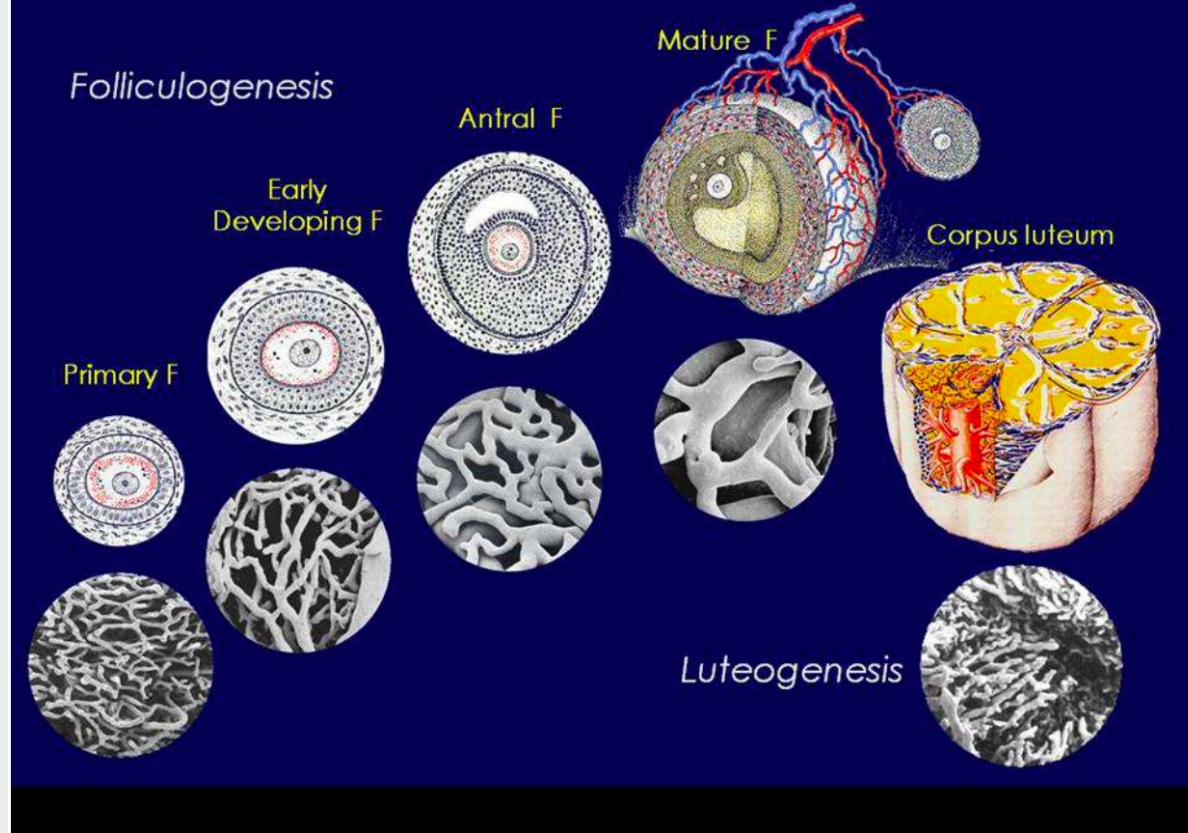
OVARIAN FOLLICLES



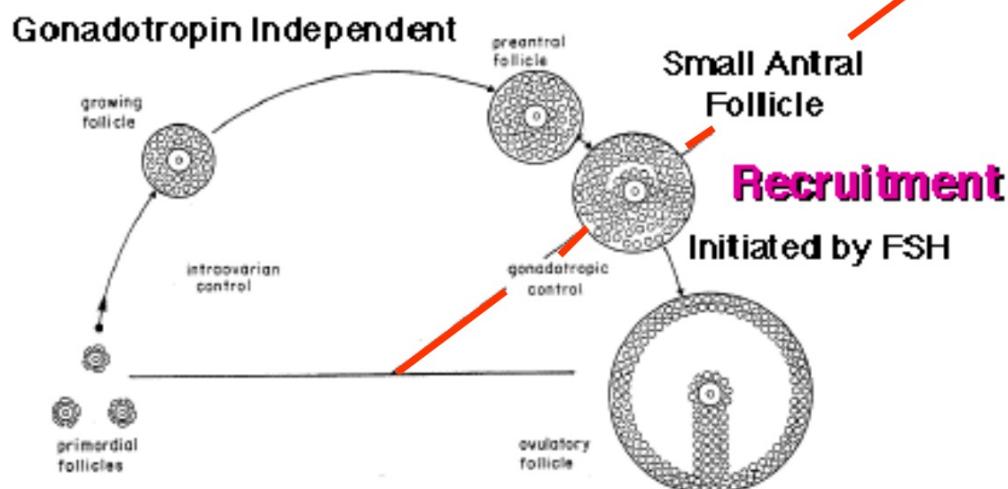
OVARIAN FOLLICLE MORPHOLOGY AND DEVELOPMENT



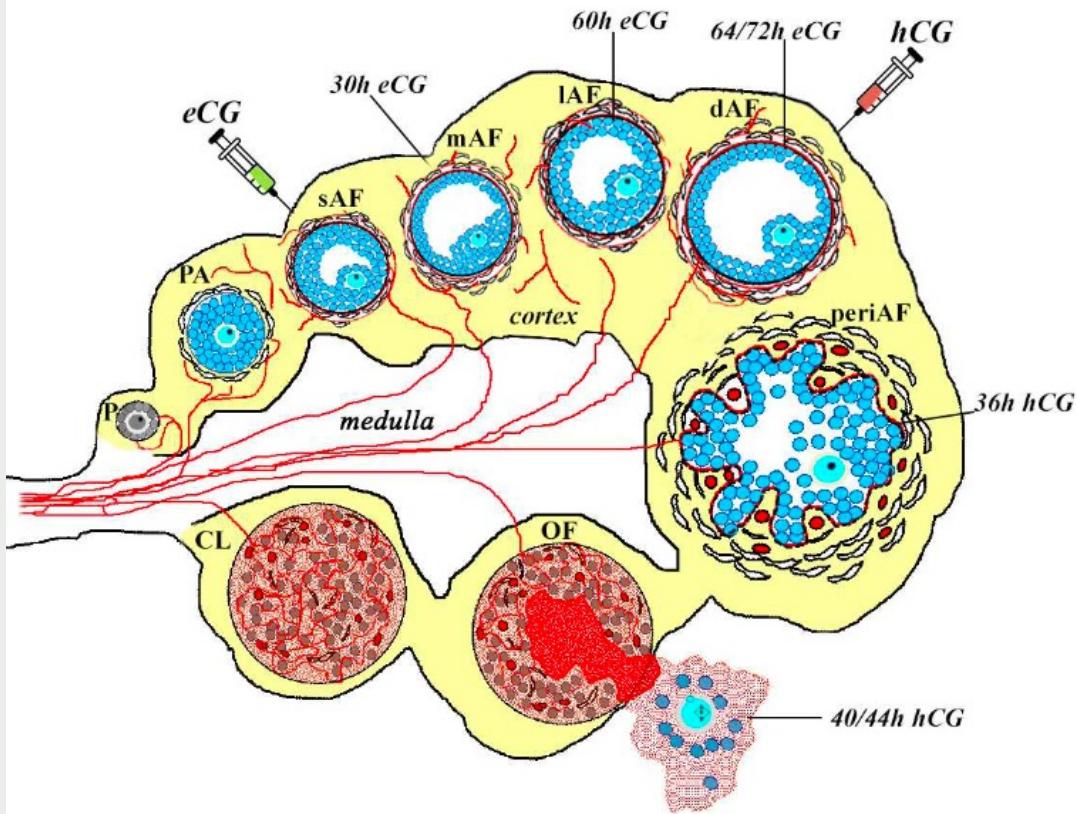
Factors influencing vascular remodeling in the ovary

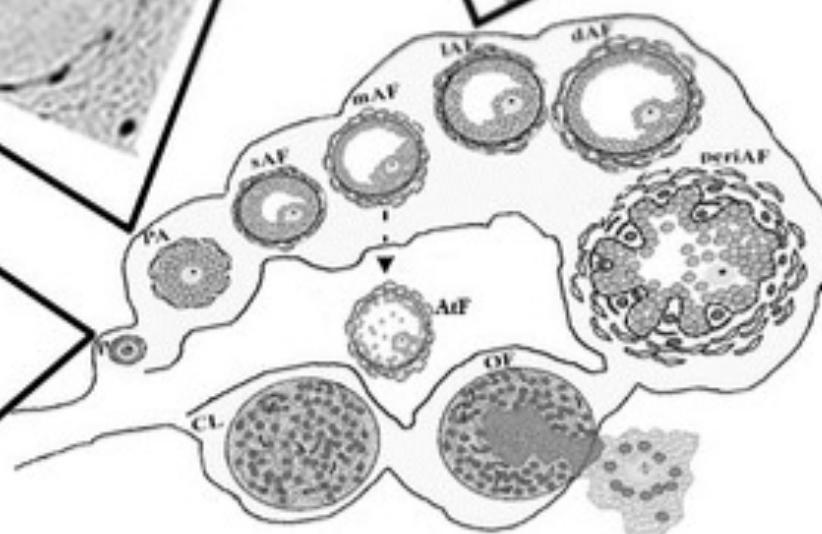
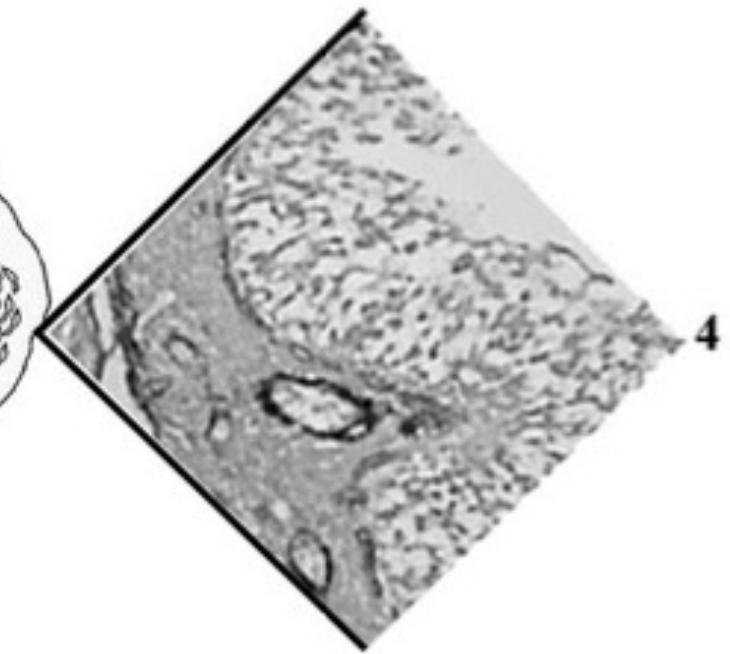
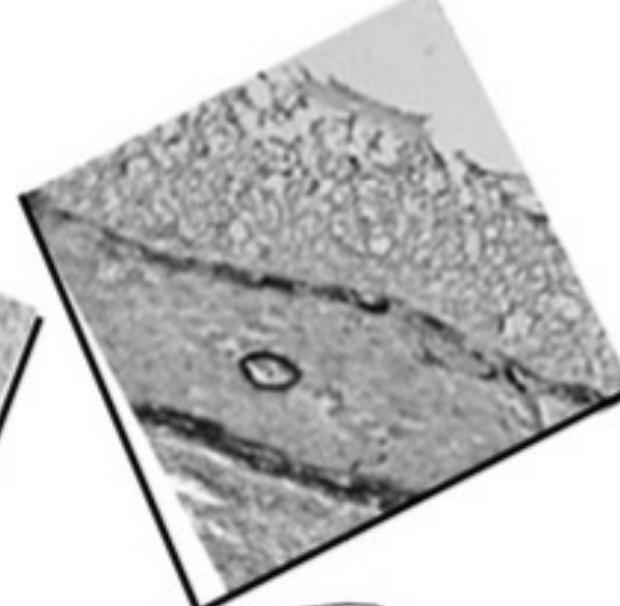
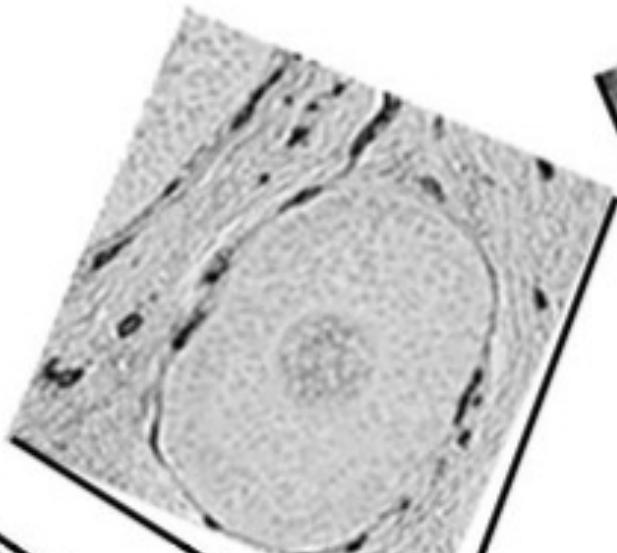
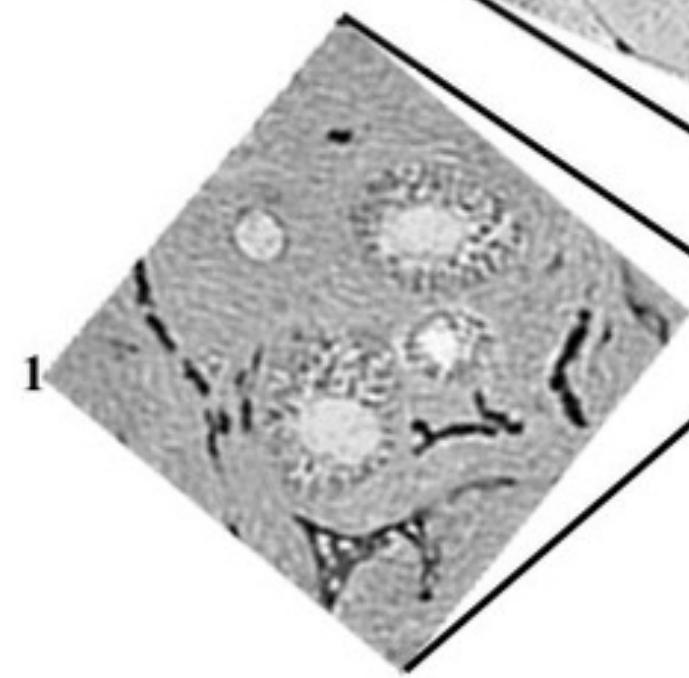


Follicular Growth

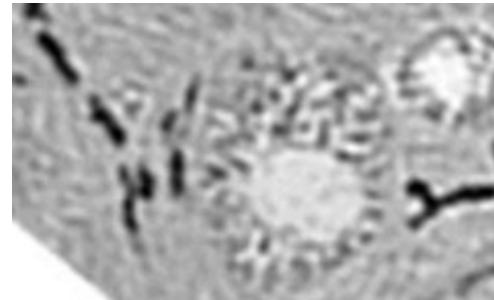
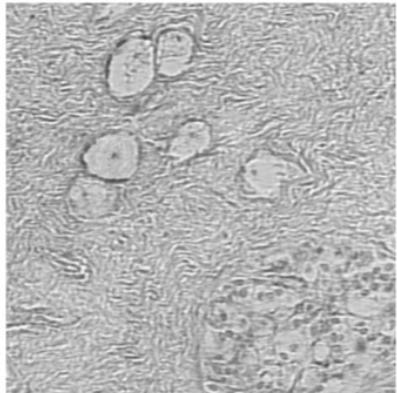


OVARIAN FOLLICULAR PHASE
BY HORMONAL PHARMACOLOGICAL TREATMENT

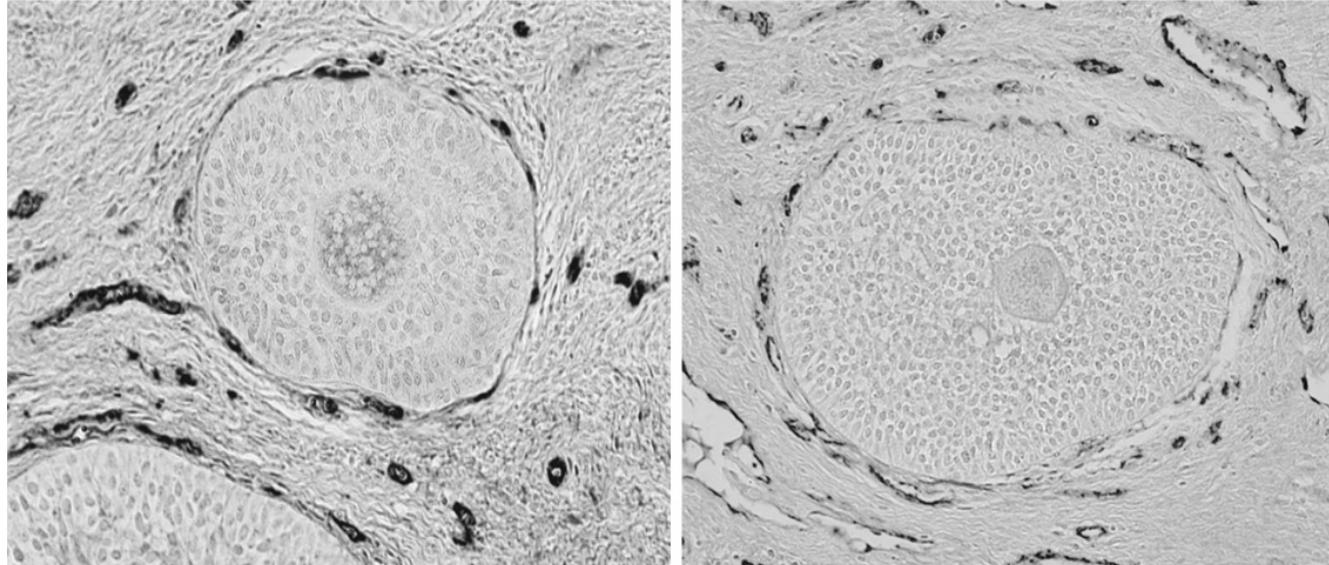




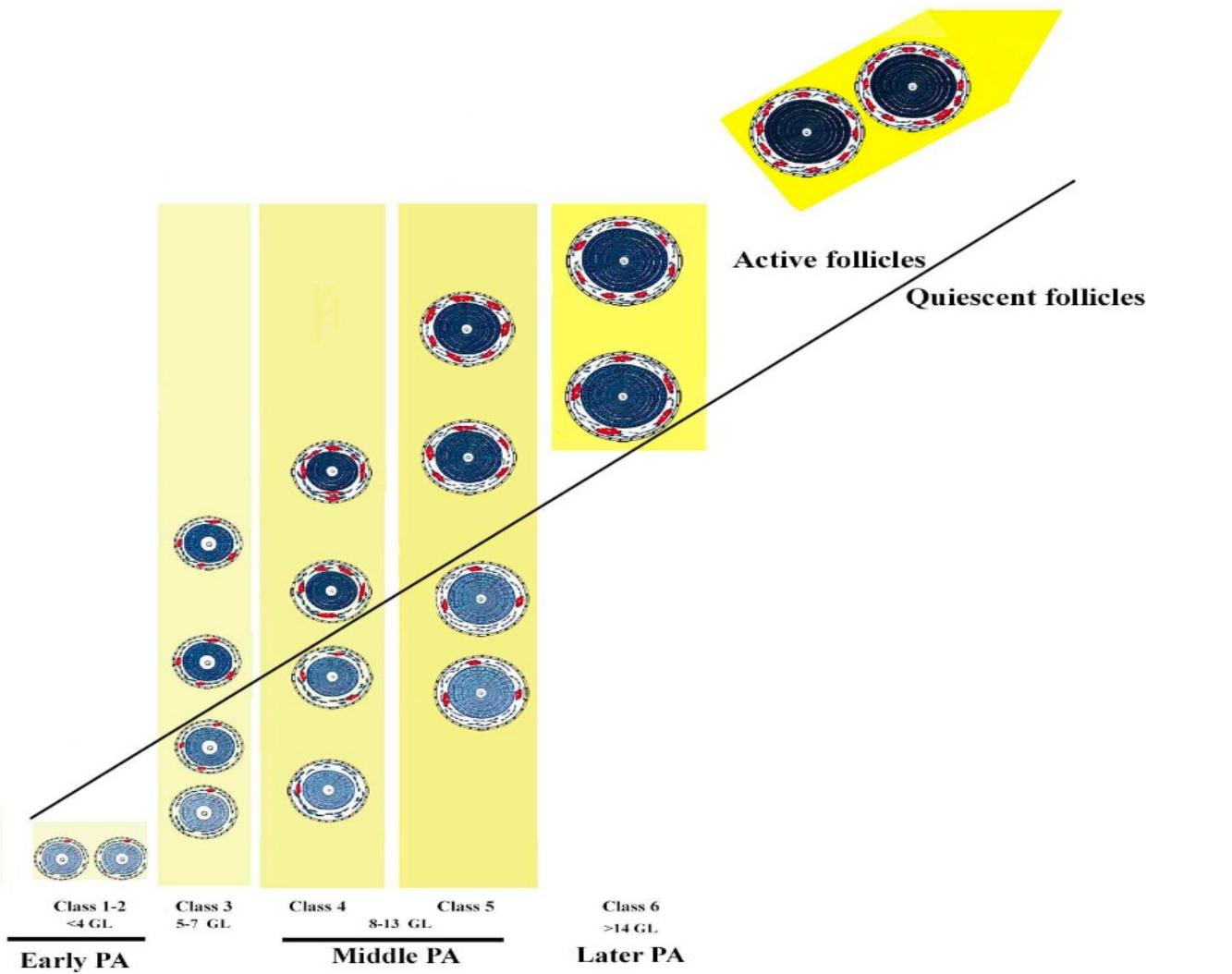
Primordial and Primary follicle blood supply



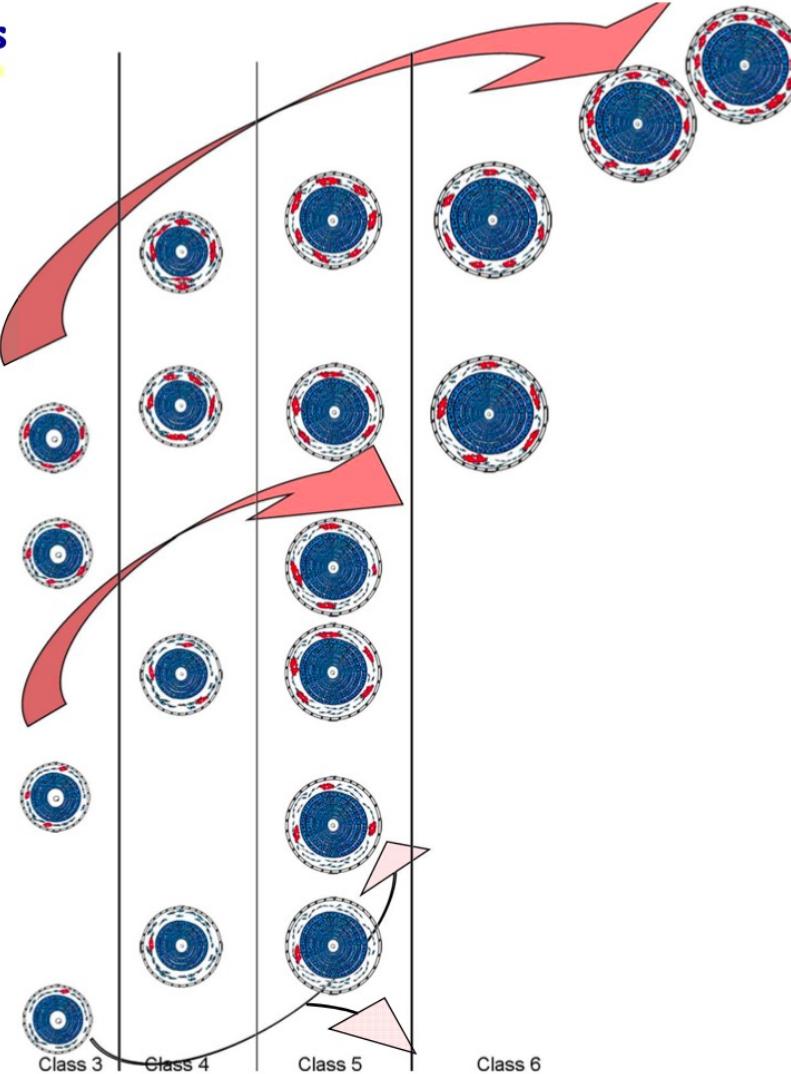
Preantral follicle blood supply

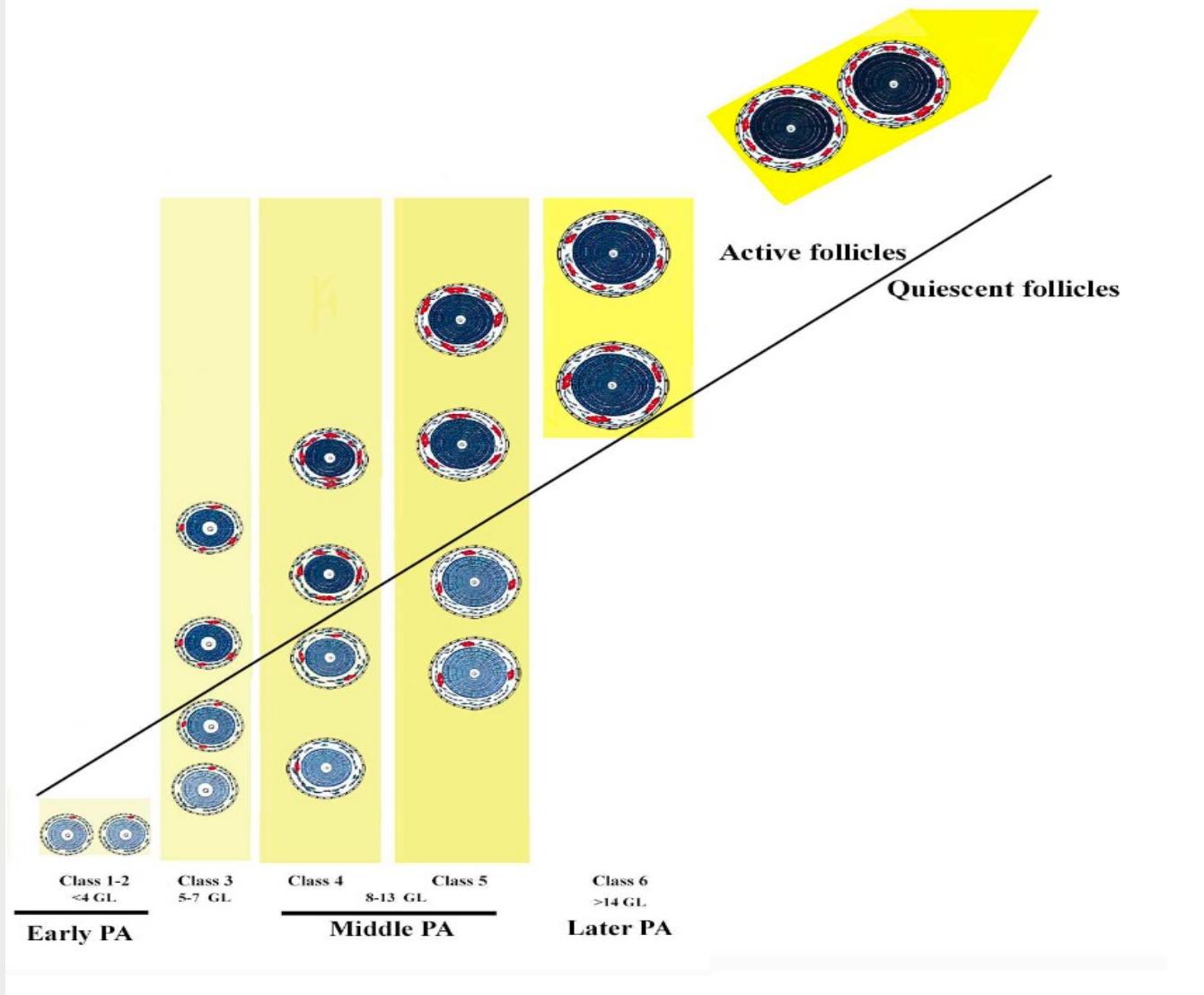


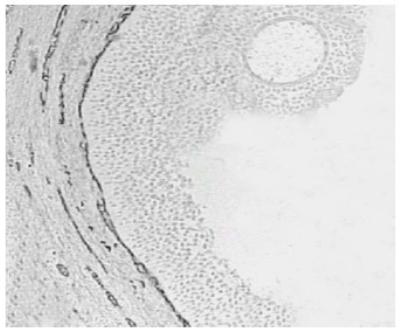
Preamtal follicle classification



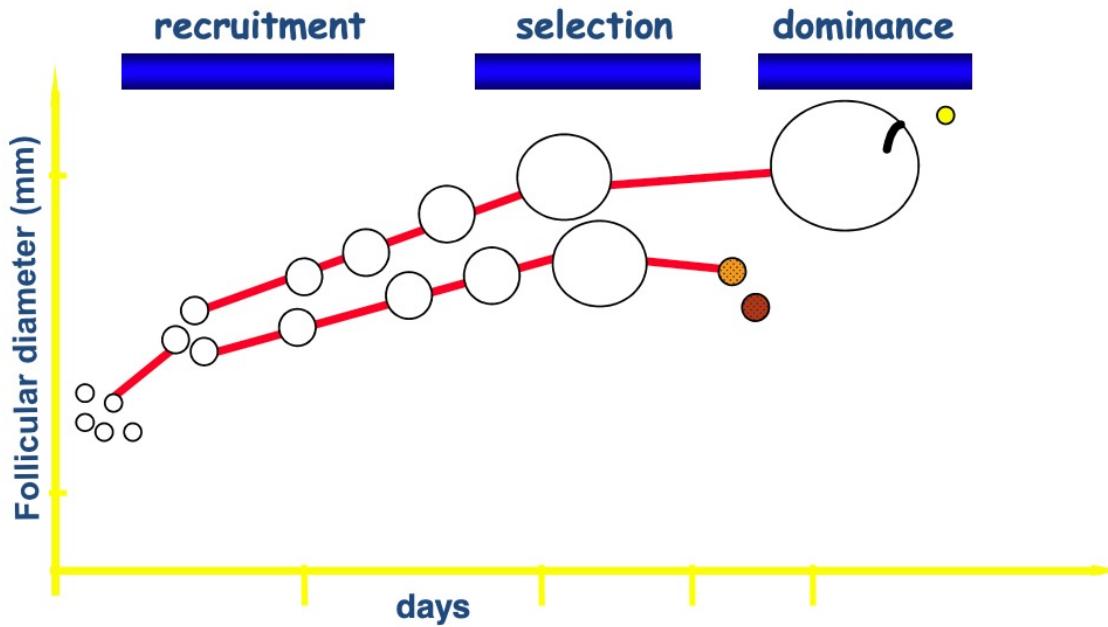
Poreantral follicles



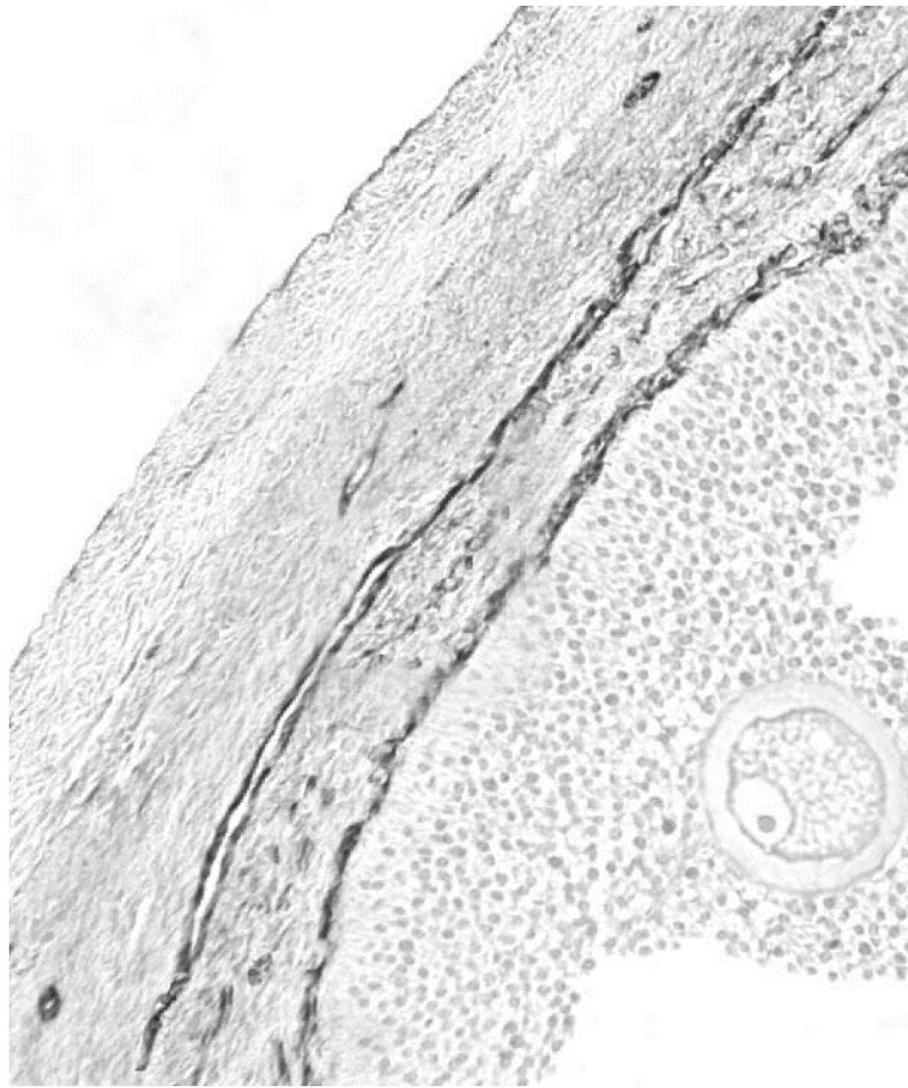


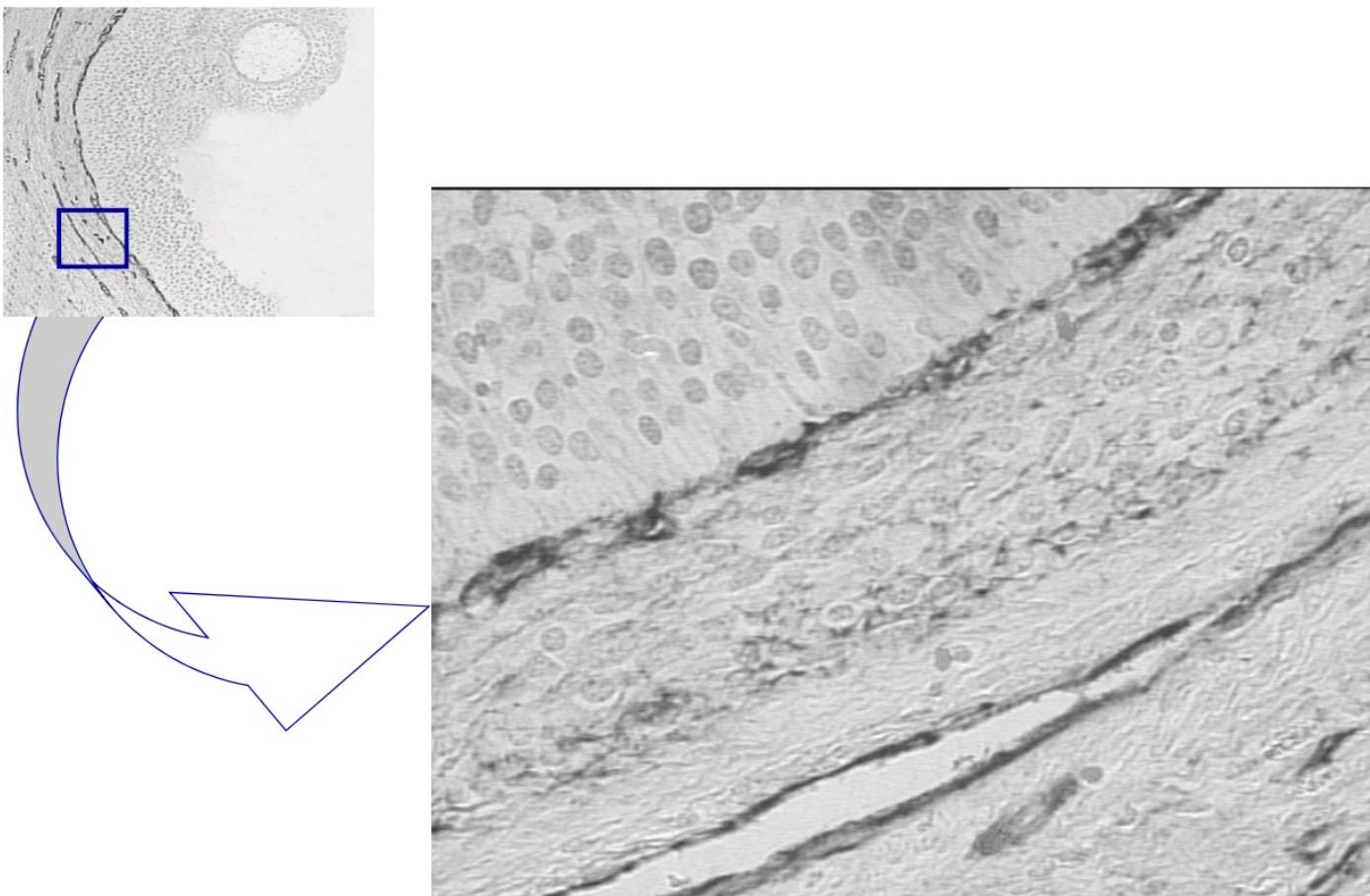


estrus cycle

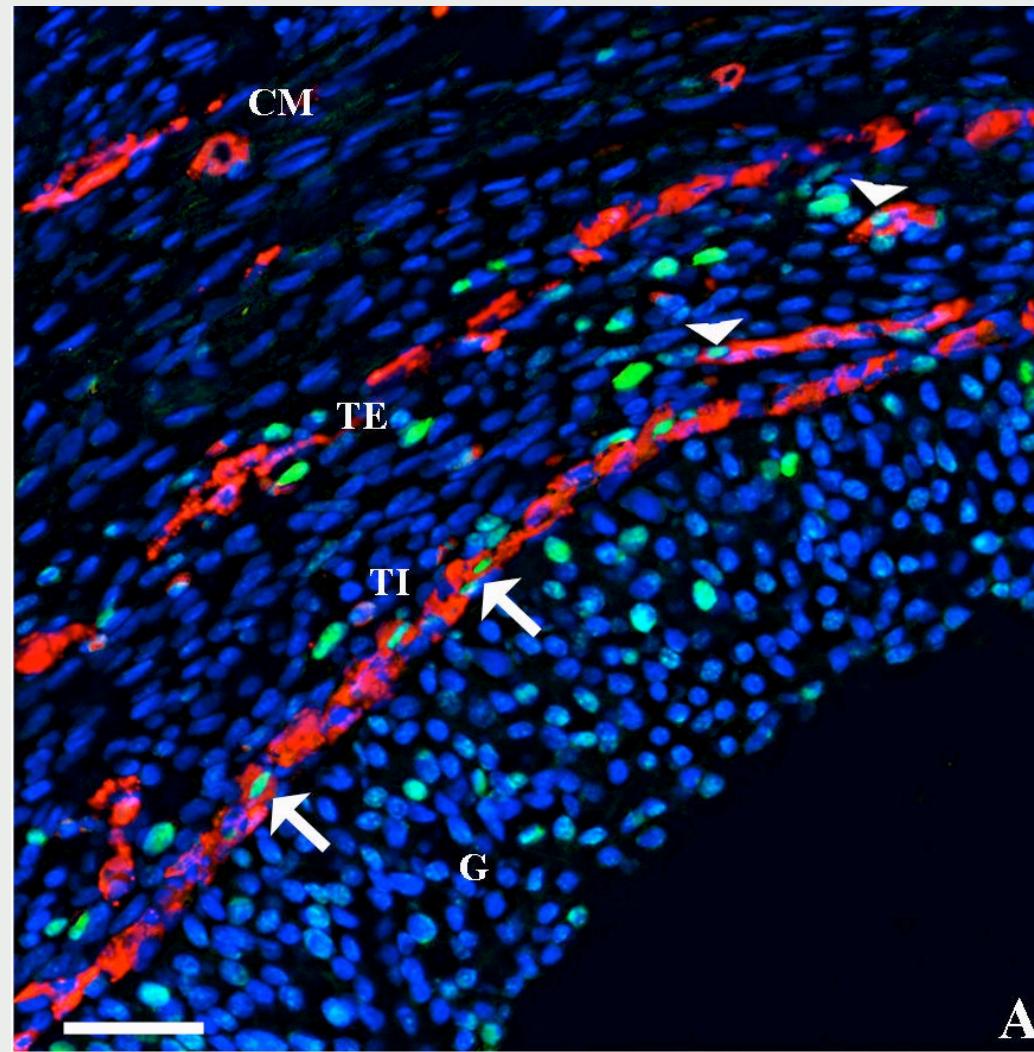


Preovulatory antral follicles blood vessel supply

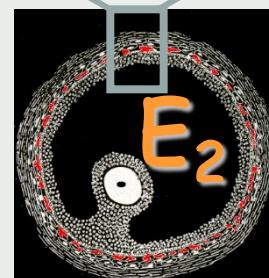
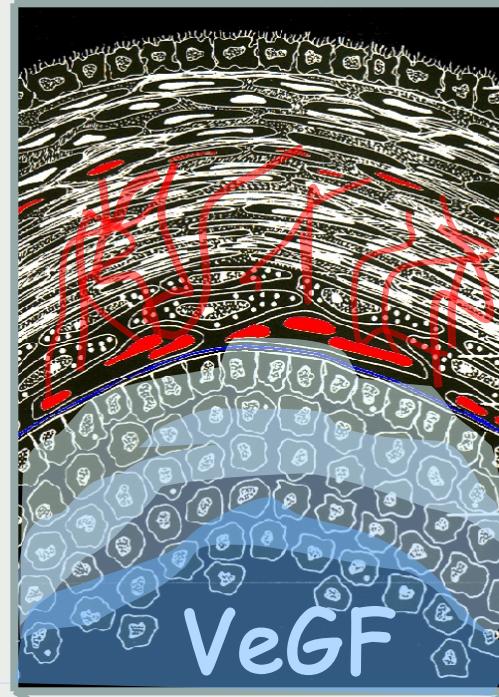
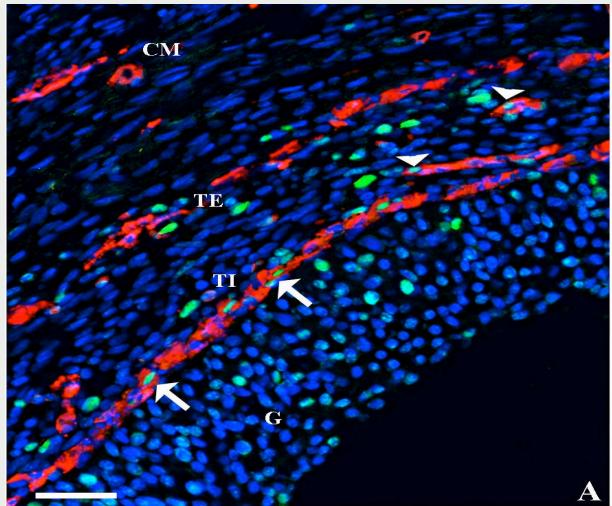


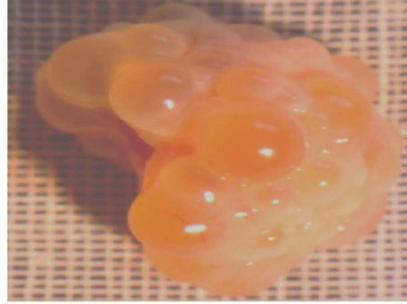


VASCULARIZATION IN PREOVULATORY ANTRAL FOLLICLES

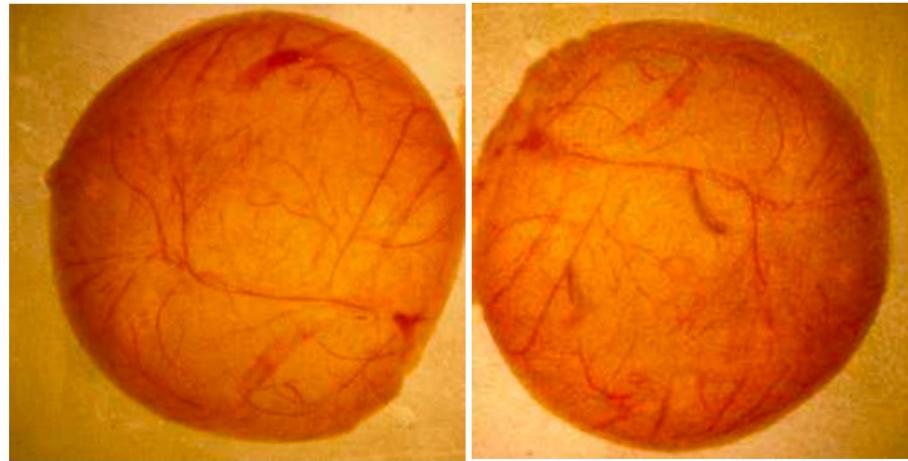


VASCULARIZATION IN PREOVULATORY ANTRAL FOLLICLES

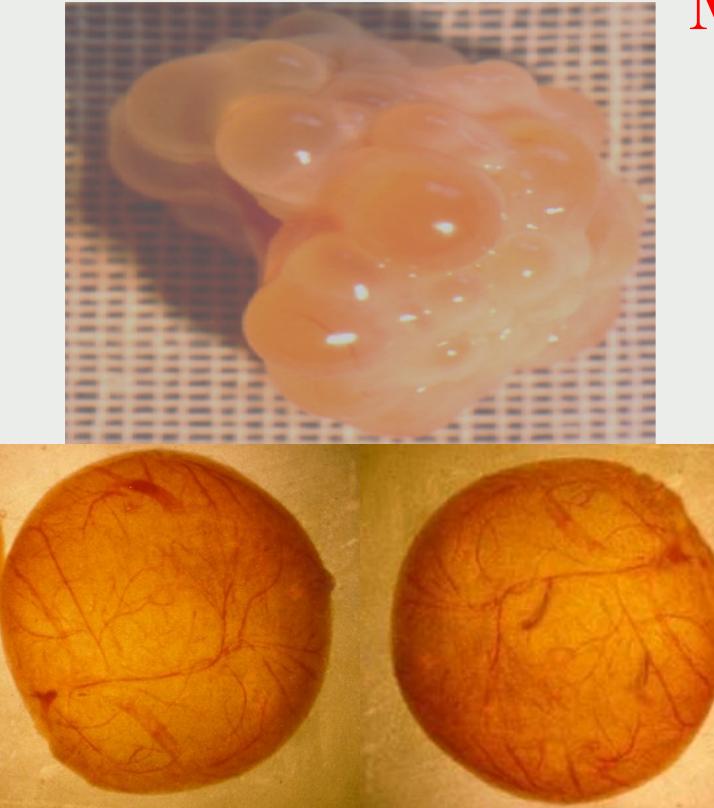




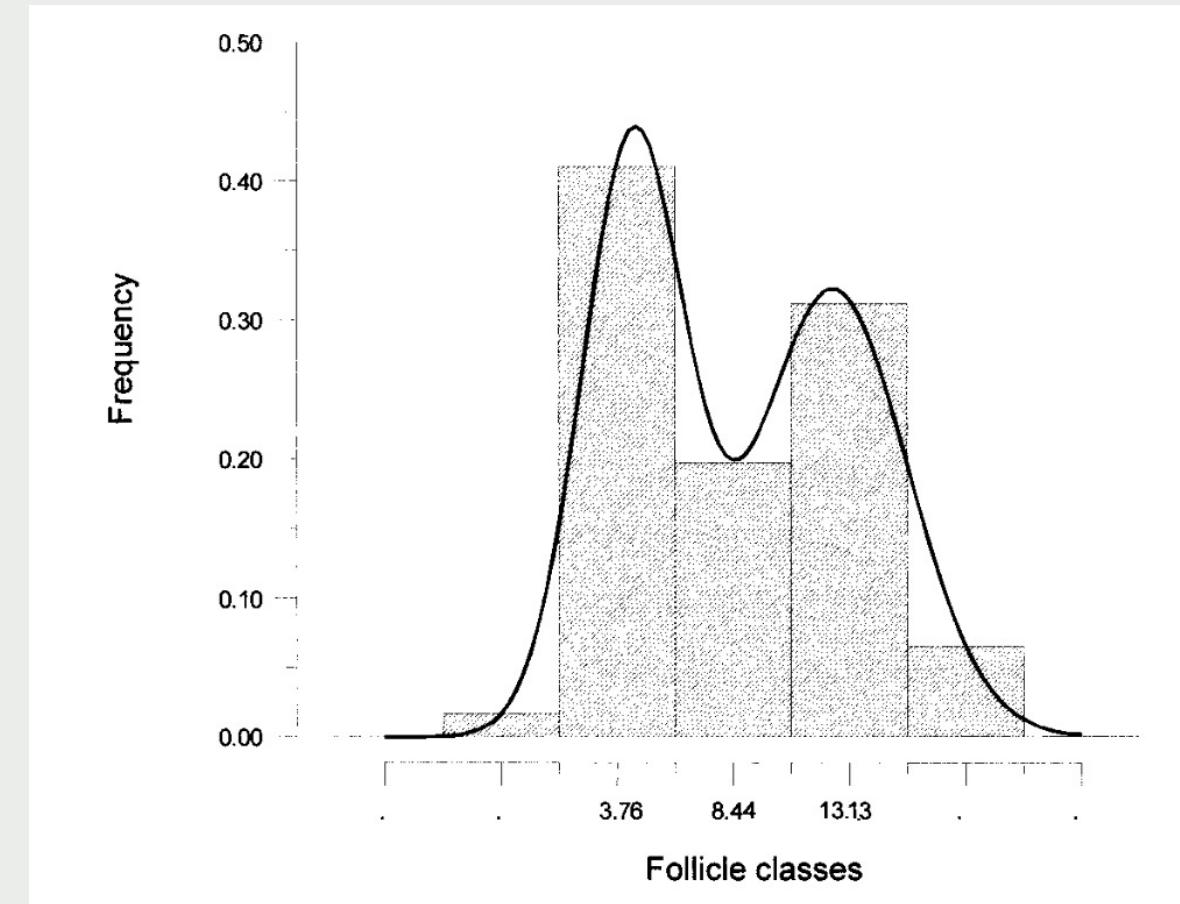
medium antral follicles

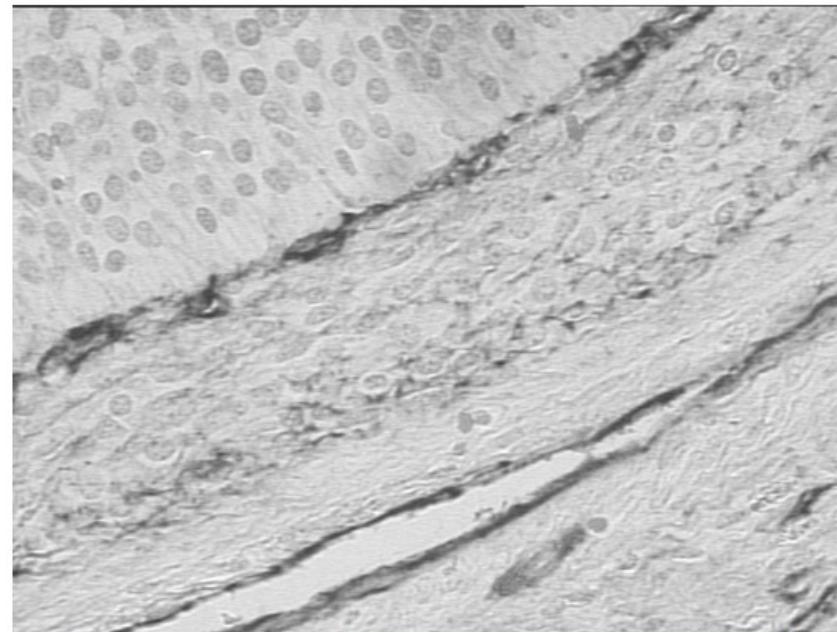
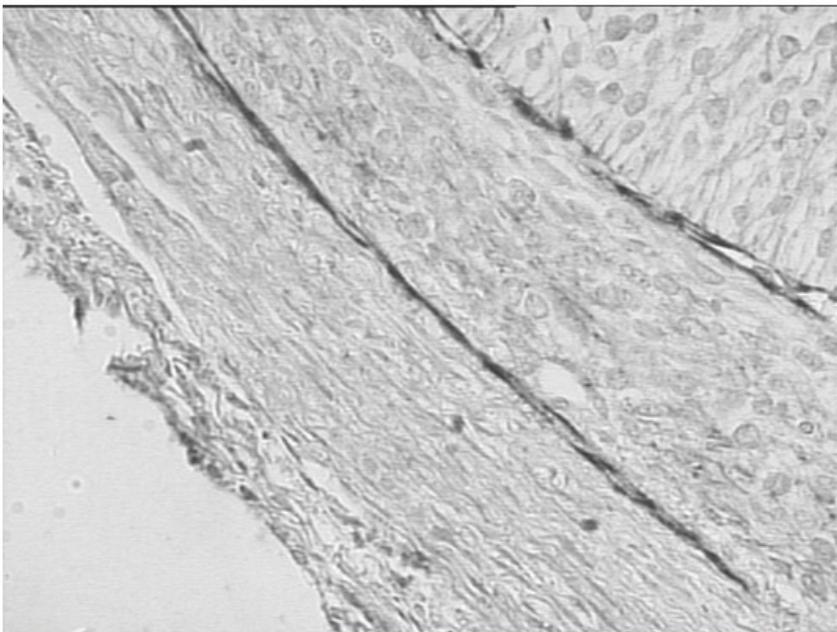


MEDIUM ANTRAL FOLLICLES



56% of follicles exhibiting low VEGF levels (mean value 3.76 ng/ml) and 44% of follicles exhibiting high VEGF levels (mean 13.13 ng/ml).





Total VA

1.29 ± 0.65

Total VA

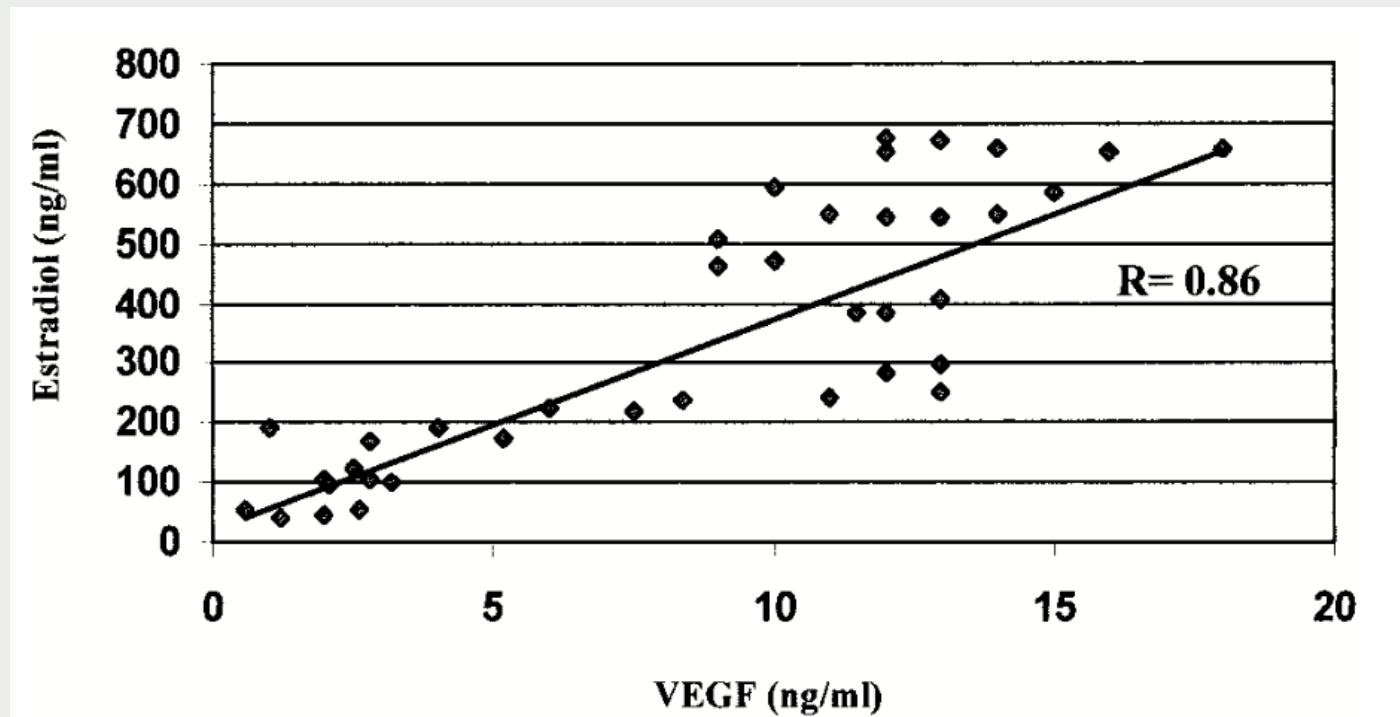
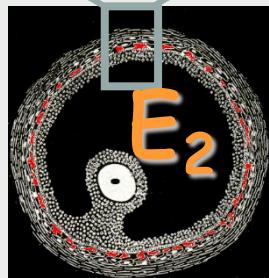
$2.54 \pm 0.58 *$

Vascular area distribution (%)

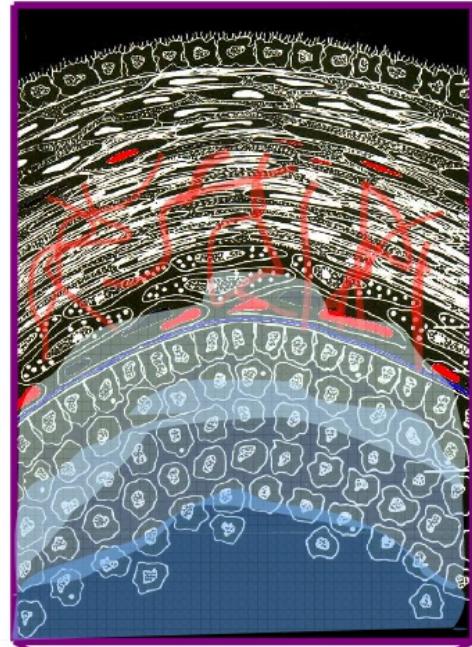
* $P < 0.05$

	Total	Inner network	Outer network
High VEGF follicles ^a	2.54 ± 0.58^c	1.19 ± 0.47^c	1.35 ± 0.58^c
Low VEGF follicles ^a	1.29 ± 0.67^b	0.67 ± 0.34^b	0.61 ± 0.38^b
Atretic follicles	1.01 ± 0.37^b	0.15 ± 0.08^d	0.86 ± 0.44^b

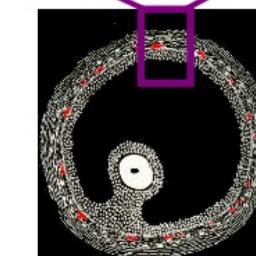
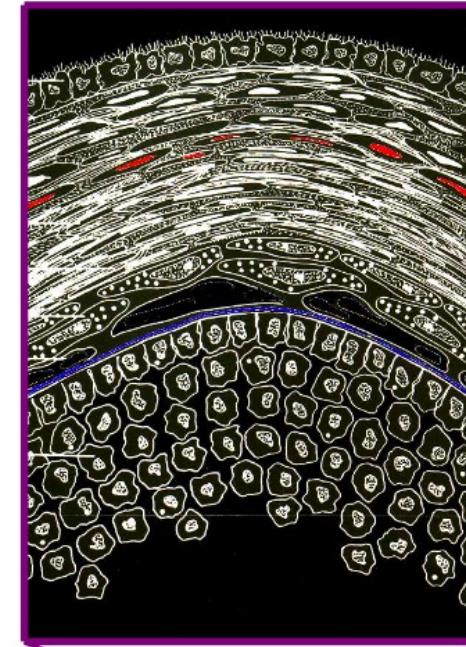
CORRELATION BETWEEN ESTRADIOL AND VEGF

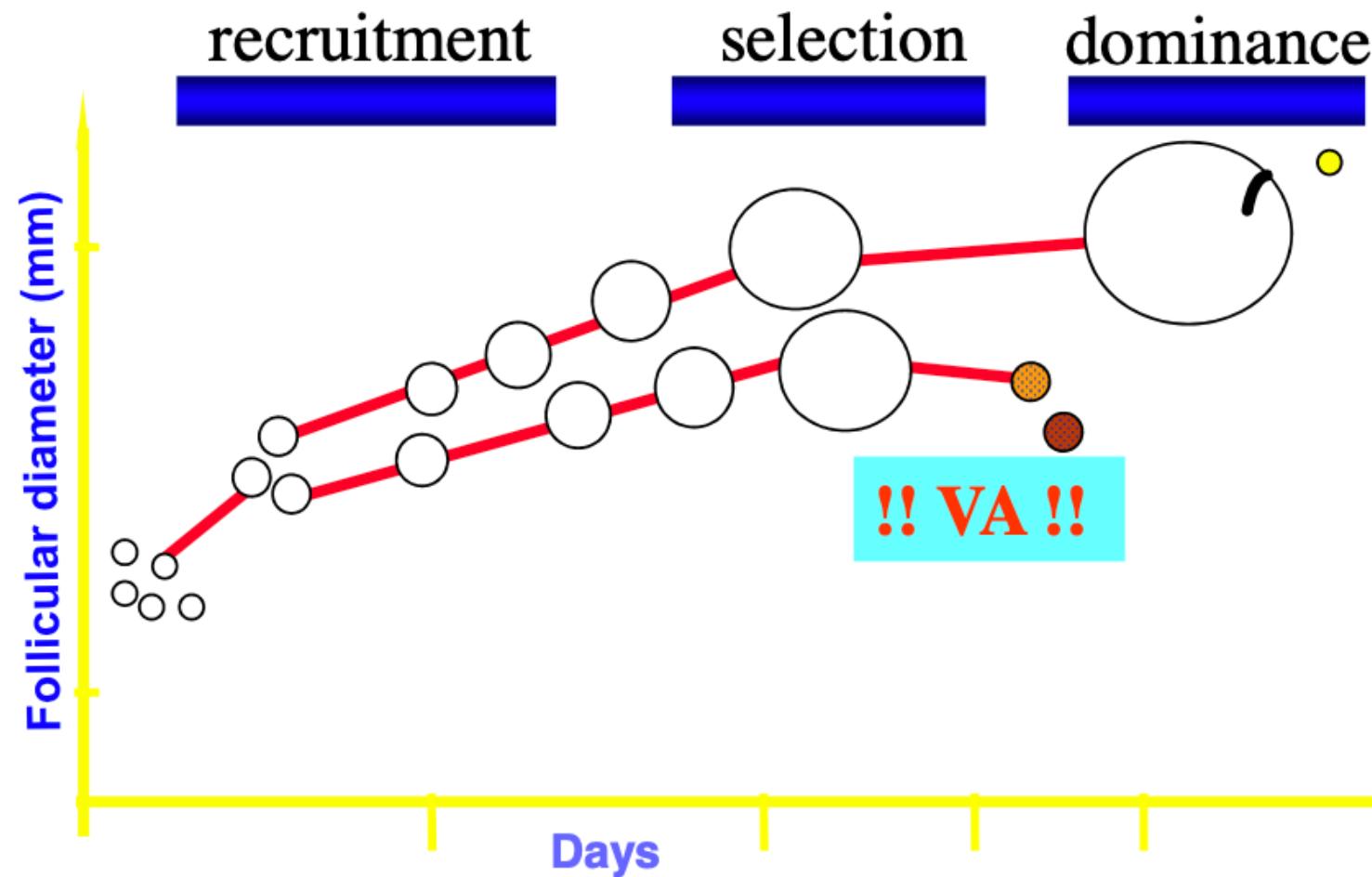


Antral Follicle

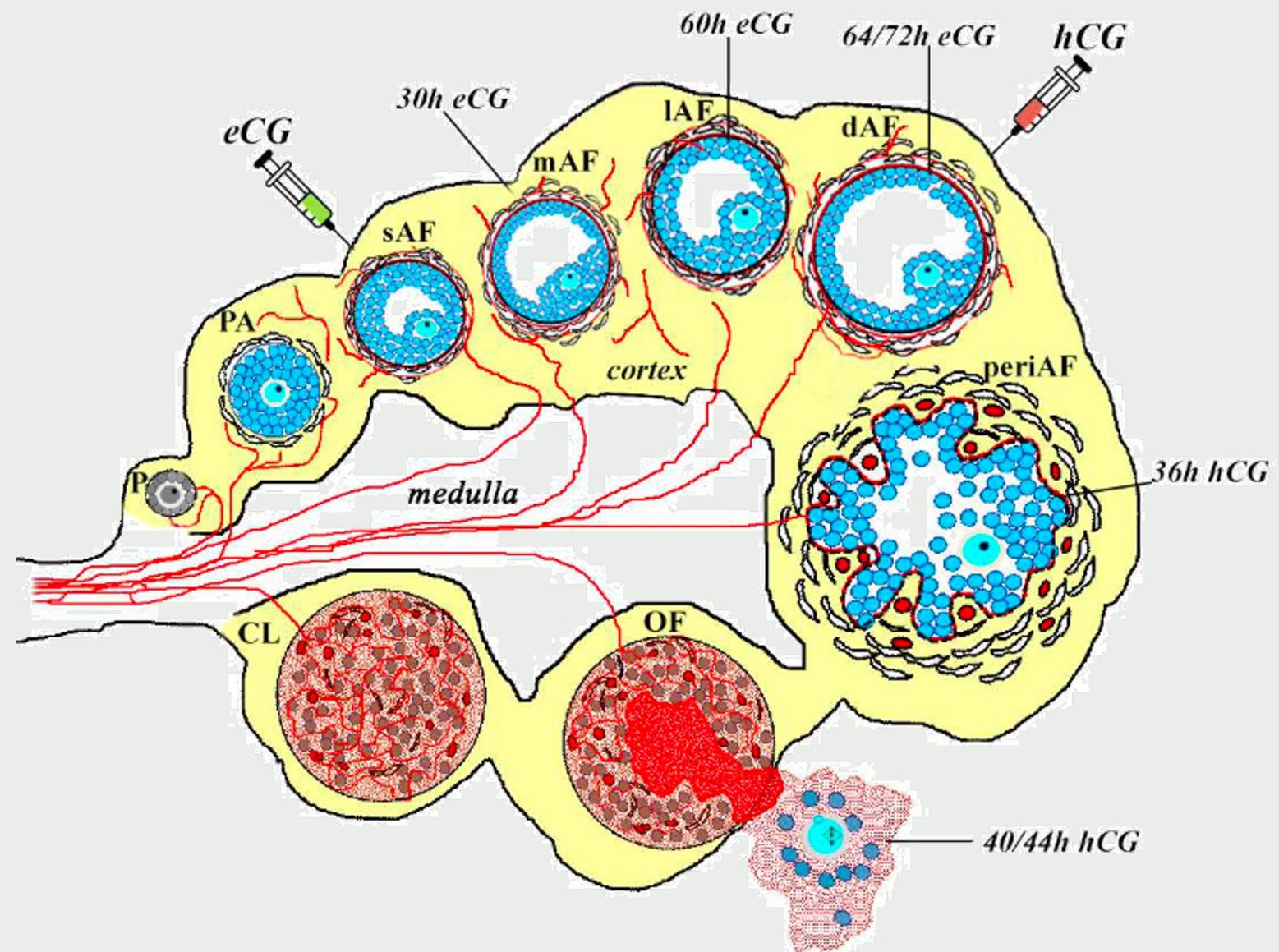


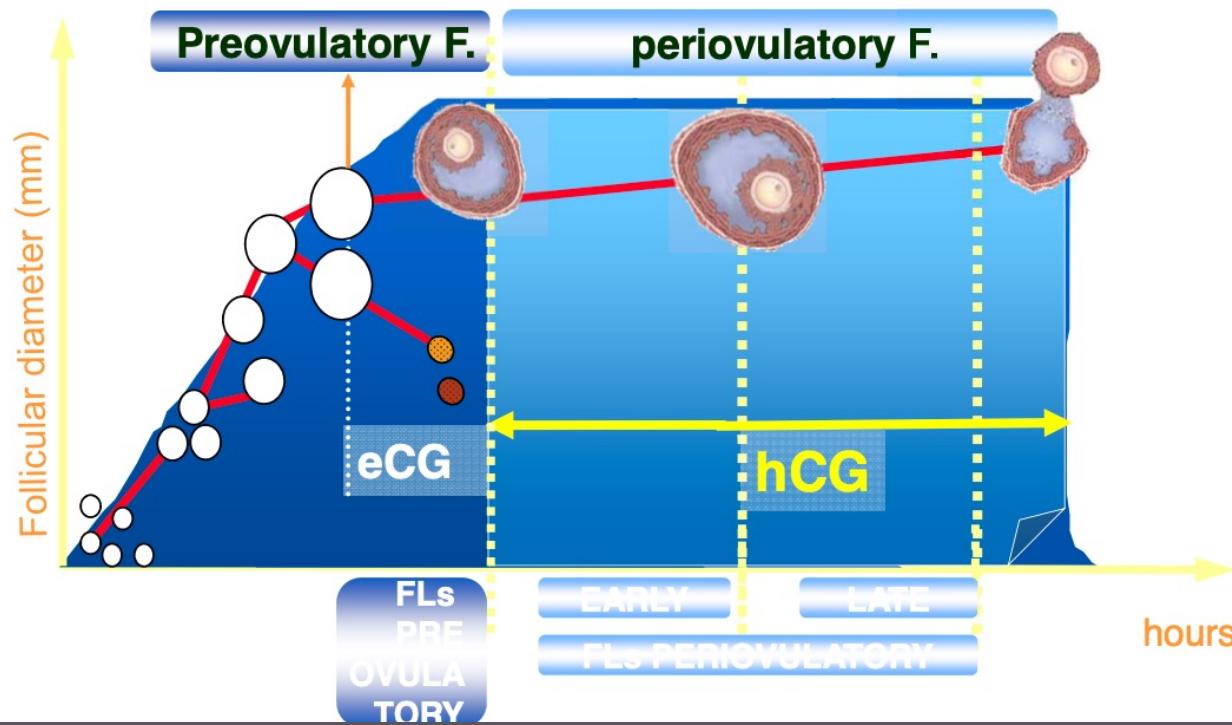
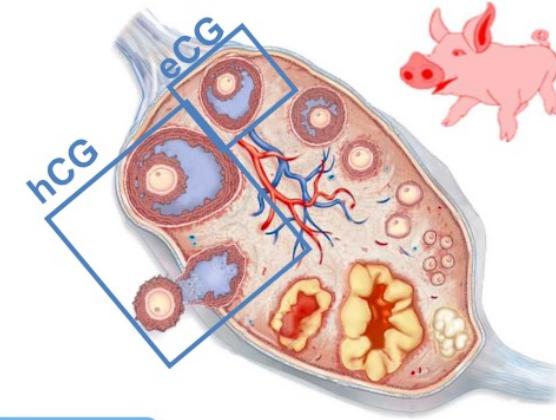
Atretic Follicle



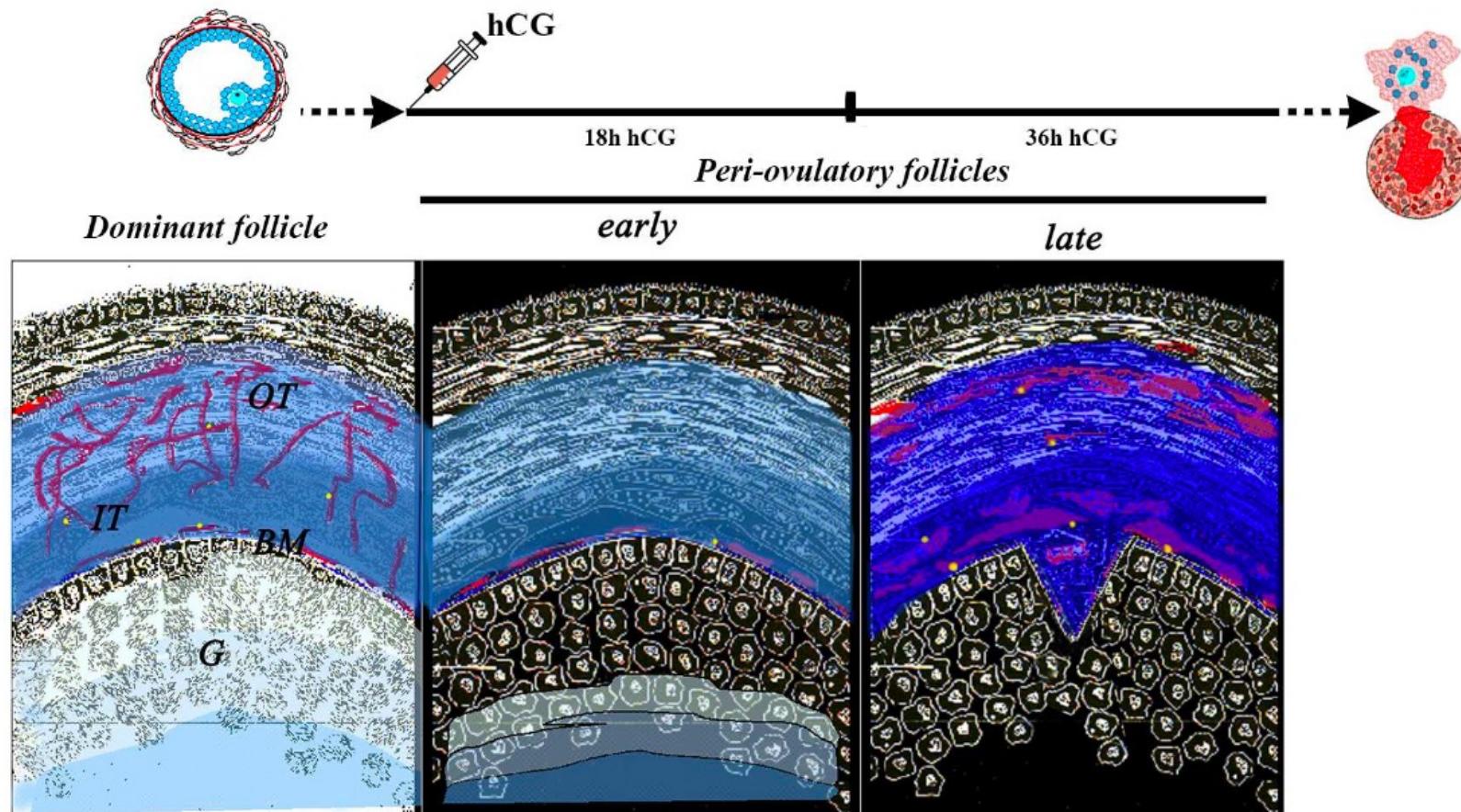


OVARIAN FOLLICULAR PHASE
BY HORMONAL PHARMACOLOGICAL TREATMENT

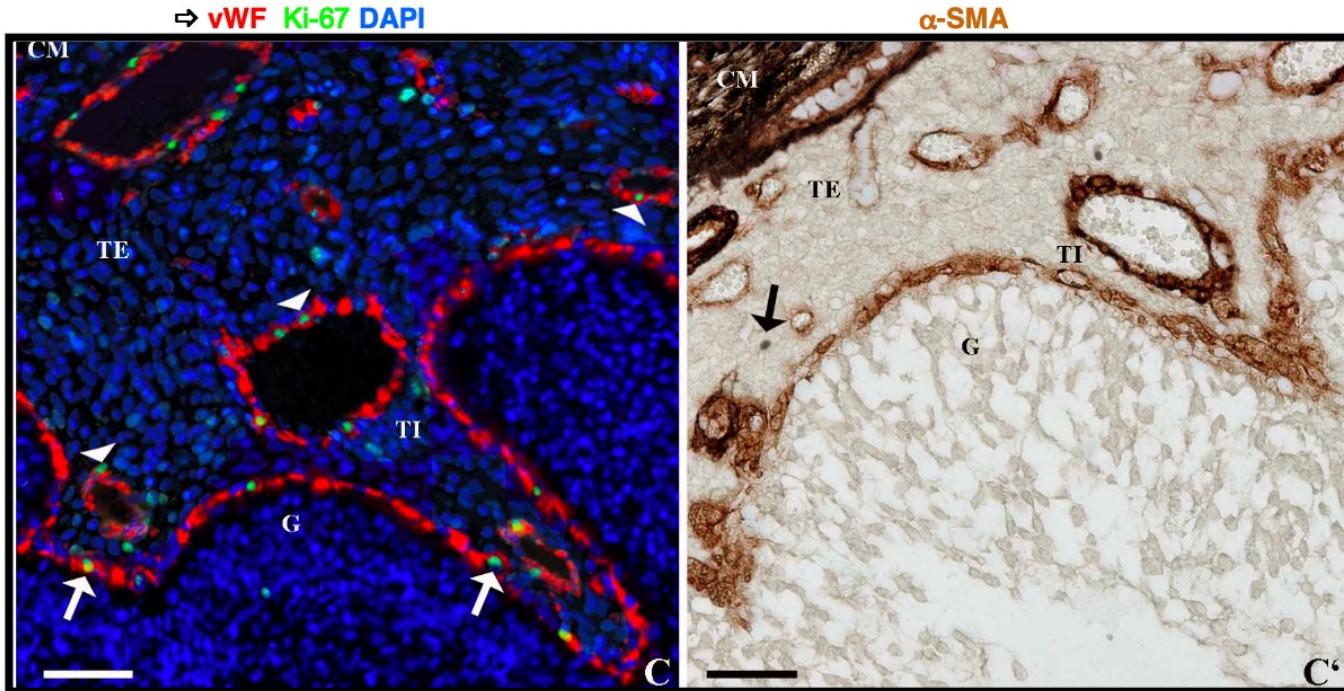




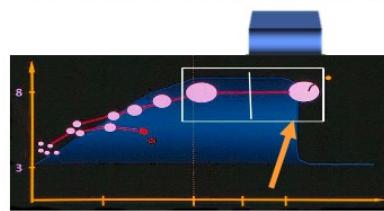
PERIOVULATORY PHASE

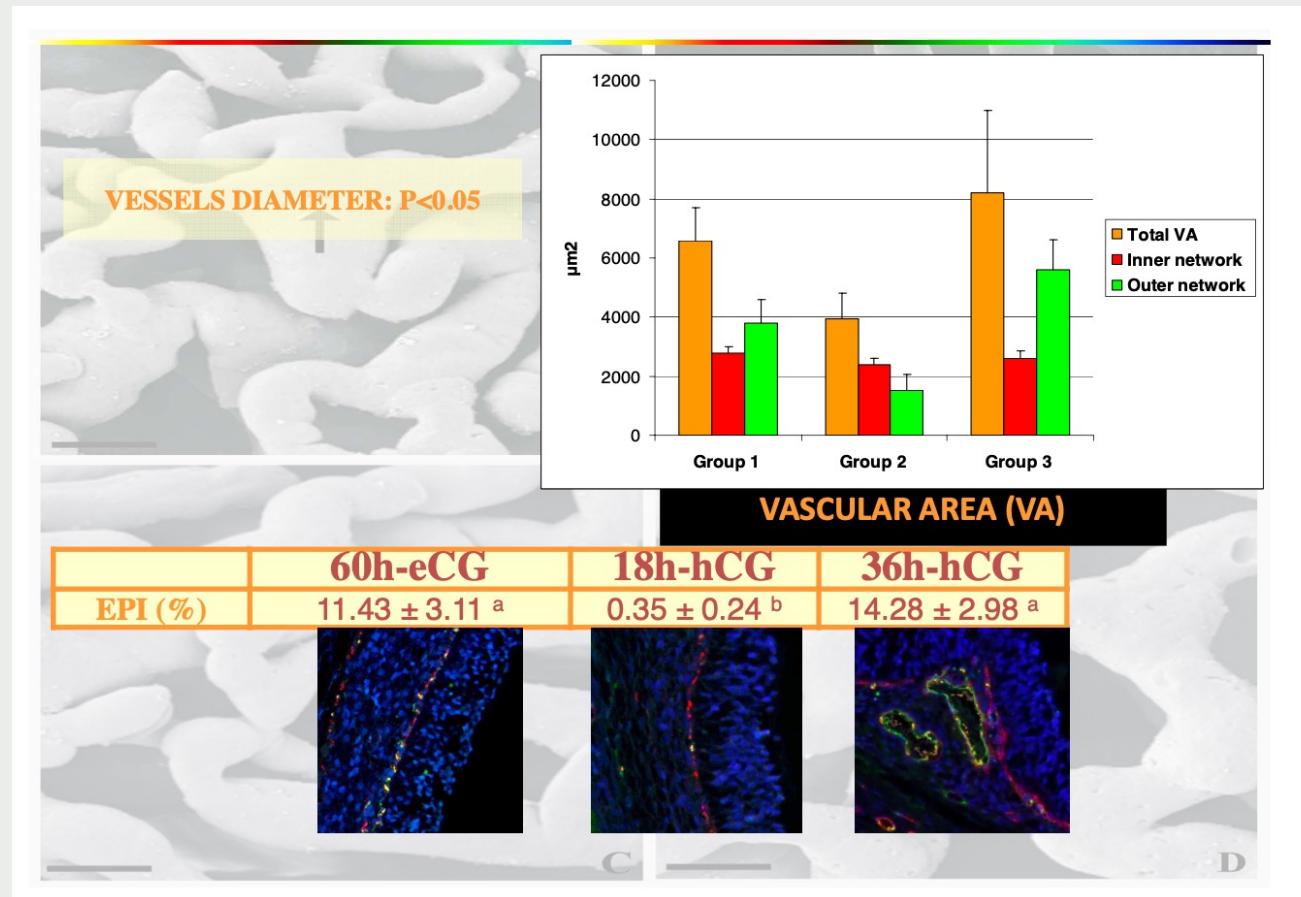


PERIOVULATORY FOLLICLES (LATE)

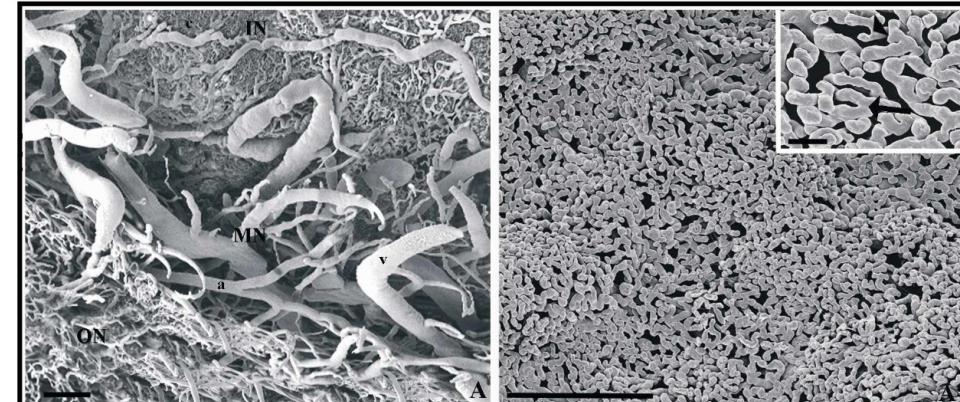


LEGEND: G= granulosa cells, TI= theca interna, TE= theca externa, CM=capsule of smooth muscular fibers. ↑=proliferating endothelial cells in the TI, ↑↑= single α-SMA immunopositive cells, ▲ = proliferating endothelial cells in the TE

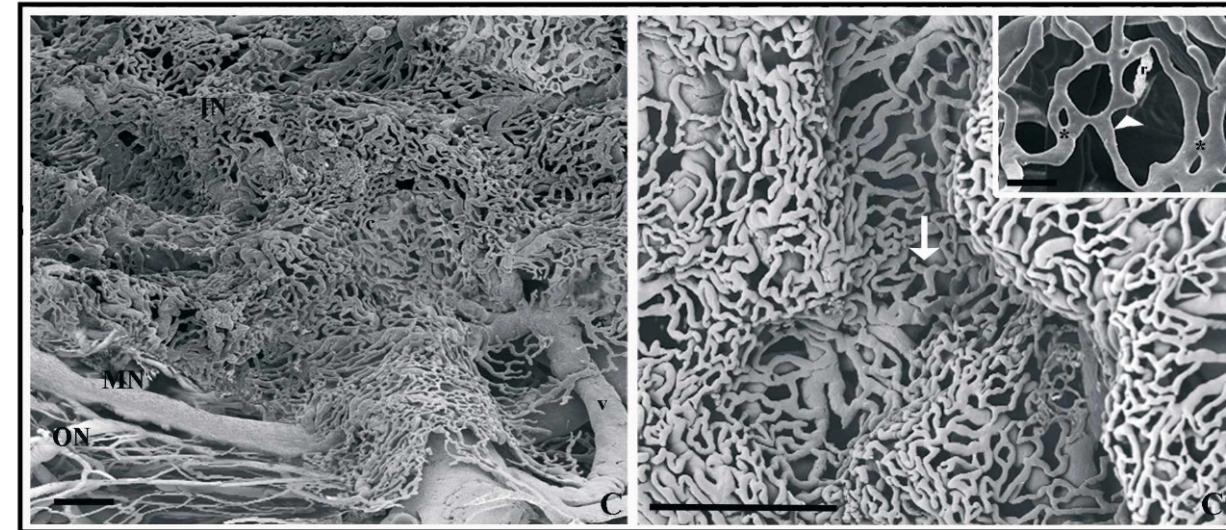




PREOVULATORY FOLLICLES

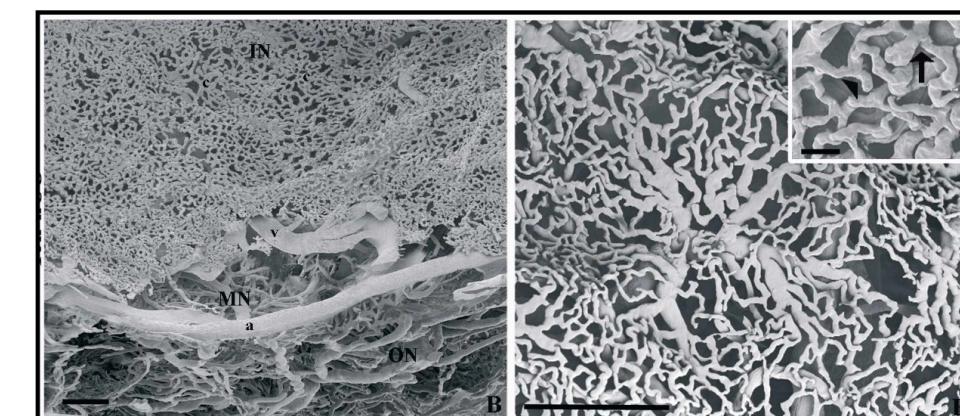


PERIOVULATORY FOLLICLES (LATE)

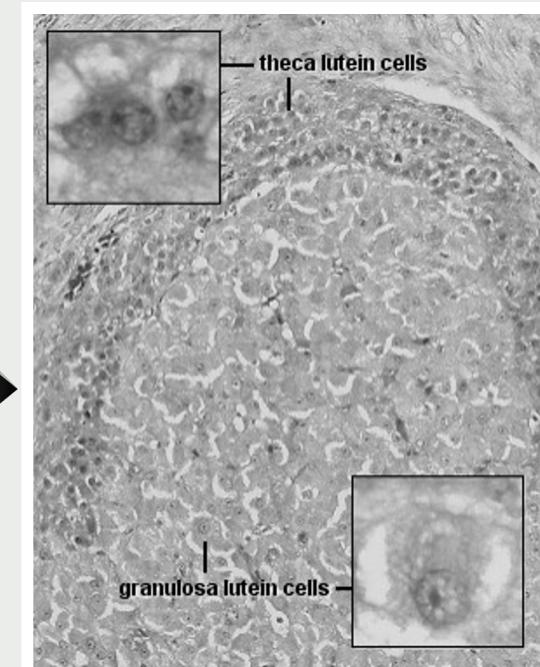
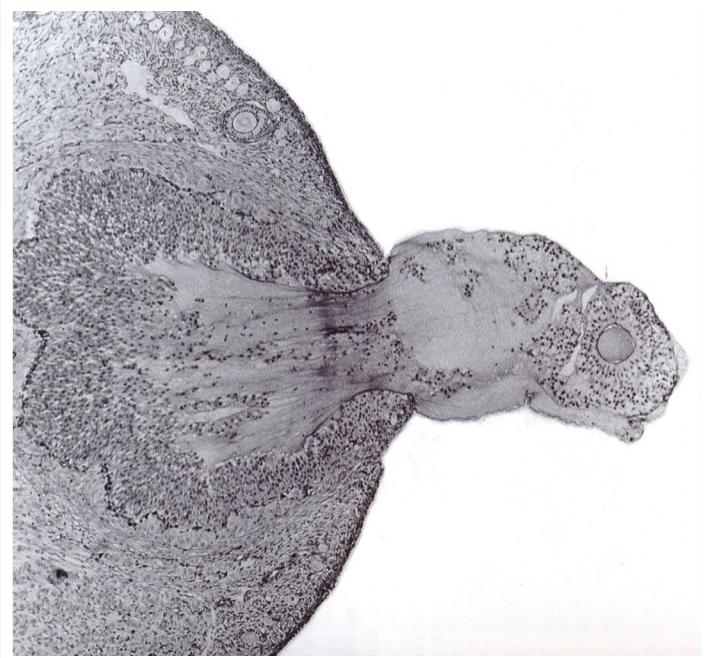


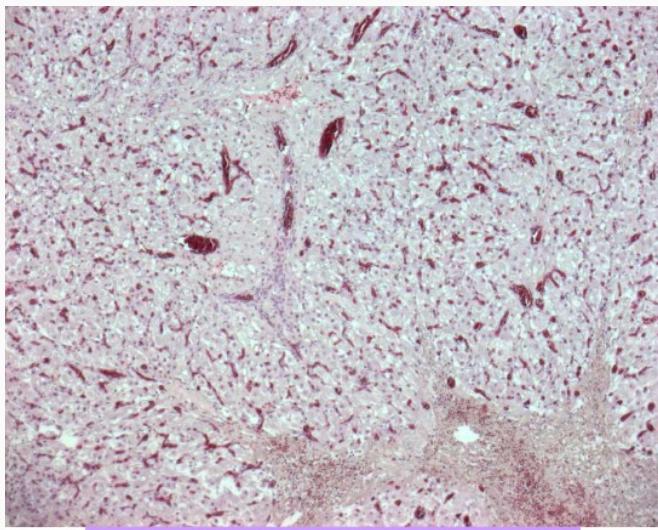
c= capillaries, v= veins, a= arterioles, IN, MN and ON = inner, middle, and outer network, r= resin leakage artifacts, \hat{w} = sprouting, \triangle = budding, *= infolding-intussusception

Bar= 100 μ m
Bar in insert panel= 25 μ m



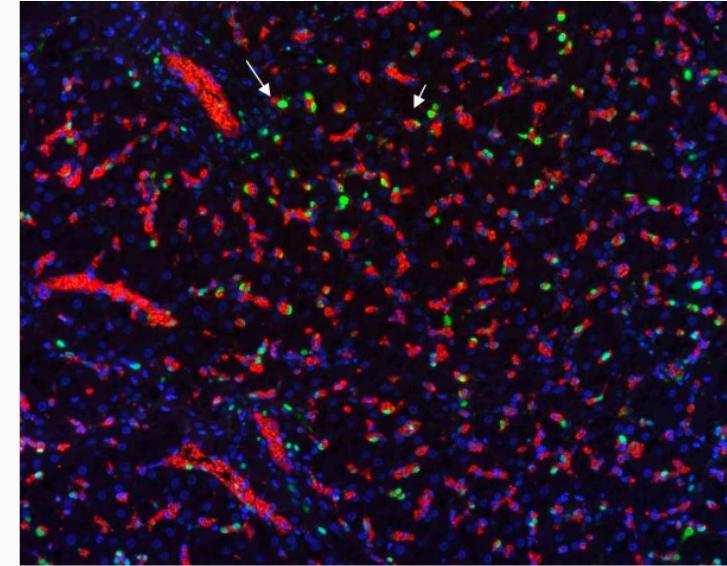
CORPUS LUTEUM





VA (μm^2)

634.79 \pm 125.46



PI (%)

13.42 \pm 2.01

CORPUS LUTEUM