A close up of a map

Description automatically generated

**Label the order for: Destruction of follicular tissue**

1) Hyperemia -> Histamine and PGE2 drive the increase in blood flow

2) Dominant Follicle -> angiogenic factors in follicular fluid

3) Progesterone production *prior* to ovulation

* + - Theca cells start making; closer to ovulation granulosa cells start making
    - Progesterone increases production of collagenase

4) Prostaglandin (PGF2a and PGFE2)

5) Proteases made -> used to get the oocyte out

**Define the following:**

Edema – swelling

Hyperemia – increased blood flow

The LH surge stimulates the cumulus oorphus cells to produce hyaluronic acid which causes expansion of the COC -> increases surface area