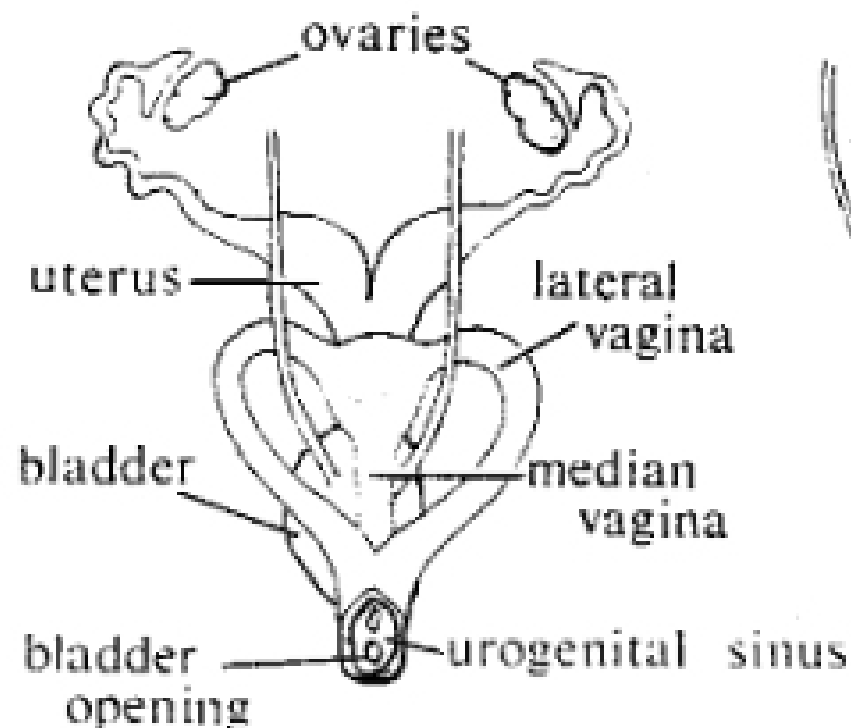


# Animal/Dairy Science 434

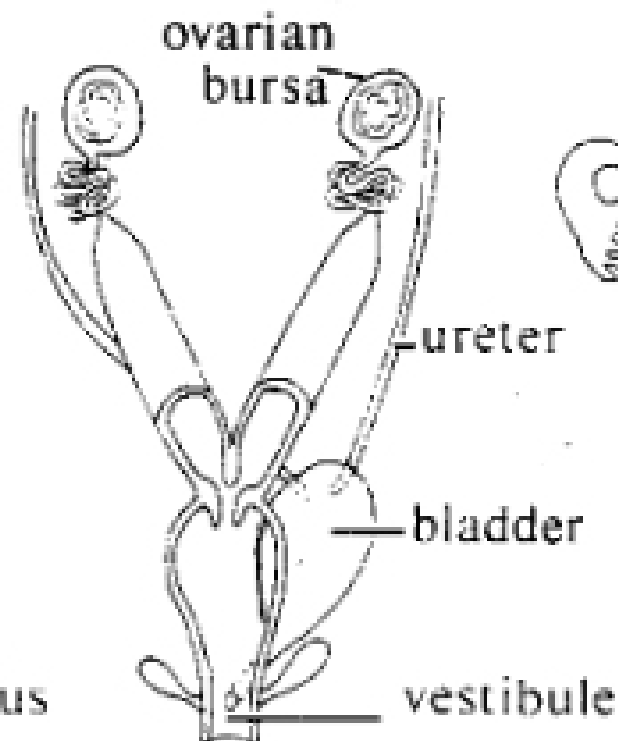
## Lec 2:

### Female comparative anatomy; History of Reproductive Physiology

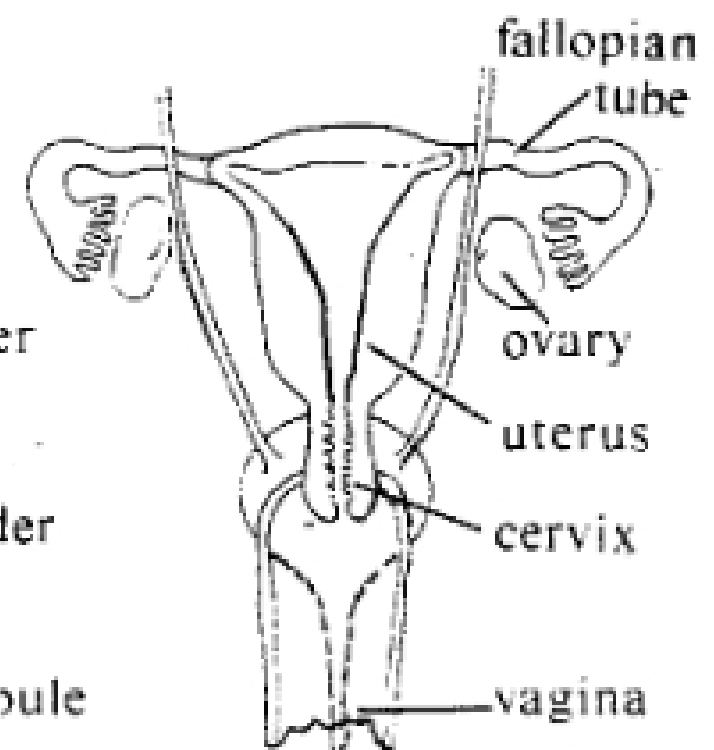
**Kangaroo**



**Rat**



**Human**



# Ovarian Differences

**Cow**



**Mare**



**Sow**



## Cow, Sow, Ewe, Human

- Cortex on outside
- Ovulation can occur on any point of the ovary

Cow



Sow

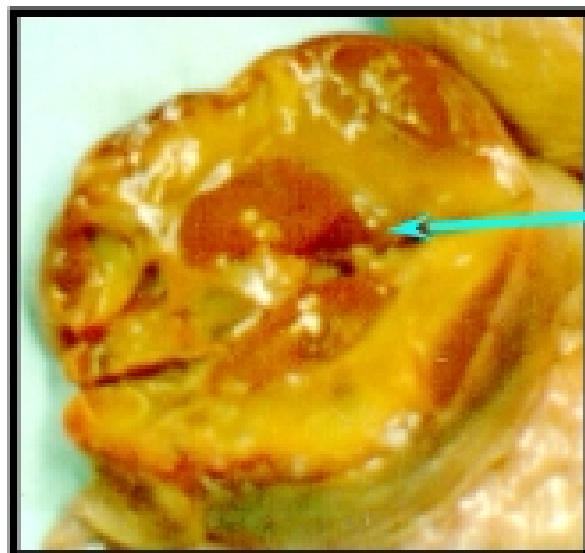


## Mare

- Inversion of the cortex and medulla.
- Ovulation occurs at the Ovulation Fossa

Preovulatory  
Tertiary  
Follicle

Blood vessels  
and connective  
tissue in medulla



Internal  
CL

Mare

