Function of FSH summarize
Responsible for recruitment and growth of follicles and selection of dominant follicle
Has role in aromatization of testosterone
During the first week of cycle, it increases promoting follicular growth and expression of its receptor
Has role in ovulatory surge
36 hours after surge, decrease of FSH will occur as a result of negative feedback, and will allow granulosa cells to acquire LH receptors for luteal phase

Function of LH summarize
Responsible for the production of androgens, later to be converted to estrogens
Increase of LH at about day 14 is responsible for the preovulatory surge
LH receptors originally found on theca cells, but will also be on granulosa cells after the follicular rupture
Induces the secretion of progesterone from the corpus luteum
LH will decreases at around 22 if implantation does not occur and HCG is not present