

In the menstrual cycle, there are four hormones. The first one is FSH, this is secreted by the pituitary gland and its role is to mature the egg. Oestrogen is secreted by the ovaries and its role is to thicken the uterus lining. LH is released by the pituitary gland and it causes ovulation (the release of an egg.) Progesterone is released by the ovaries and its role is to maintain the uterus lining. On day 1-7 menstruation occurs which is the uterus lining breaking down therefore, there is a high concentration of FSH which causes the egg to mature and stimulate oestrogen release. On days 8-13 the uterus lining thickens in which there are high concentration levels of oestrogen which stimulates the uterus lining to thicken and LH to be released. On day 14 ovulation occurs which is the release of an egg in which there are high levels of LH and an egg is released. On days 15-28 the uterus lining is maintained in which oestrogen and progesterone levels increase to maintain the lining and progesterone inhibits LH release.