THE MENSTRUAL CYCLE

HYPOTHALAMUS

PITUITARY

GnRH

LH, FSH

OVARY

Oestradiol,
Progesterone
Testosterone

UTERUS

THE MENSTRUAL CYCLE

Follicular Growth

Oestradiol

Corpus Luteum

Oestradiol
Progesterone

Ovulation

THE MENSTRUAL CYCLE

Androstenedione

Aromatase

Thecal cells

Oestradiol

Granulosa cells

FSH

BM

LH

THE MENSTRUAL CYCLE

Ovulation

Proliferative phase
Oestradiol

Secretory phase
Progesterone

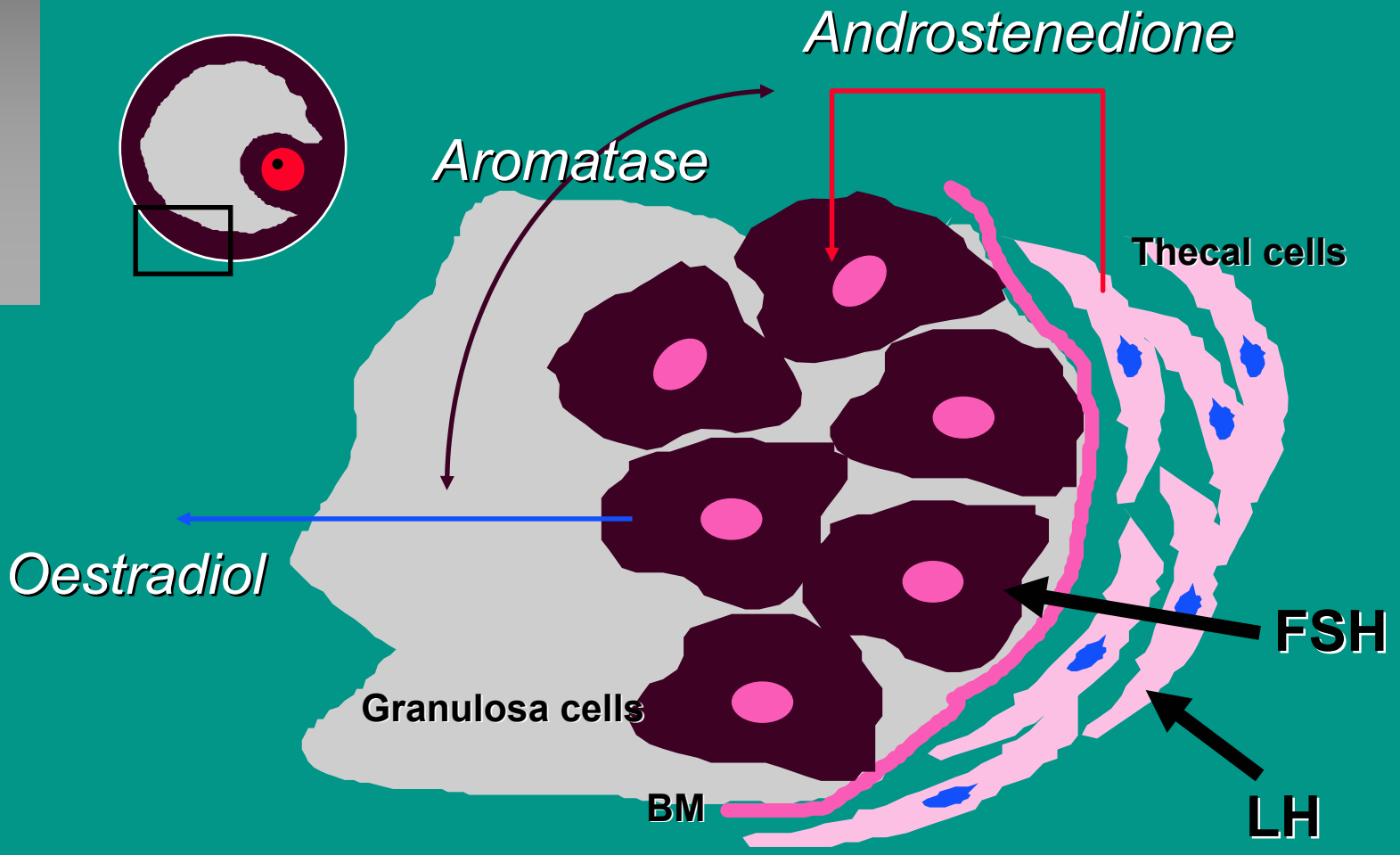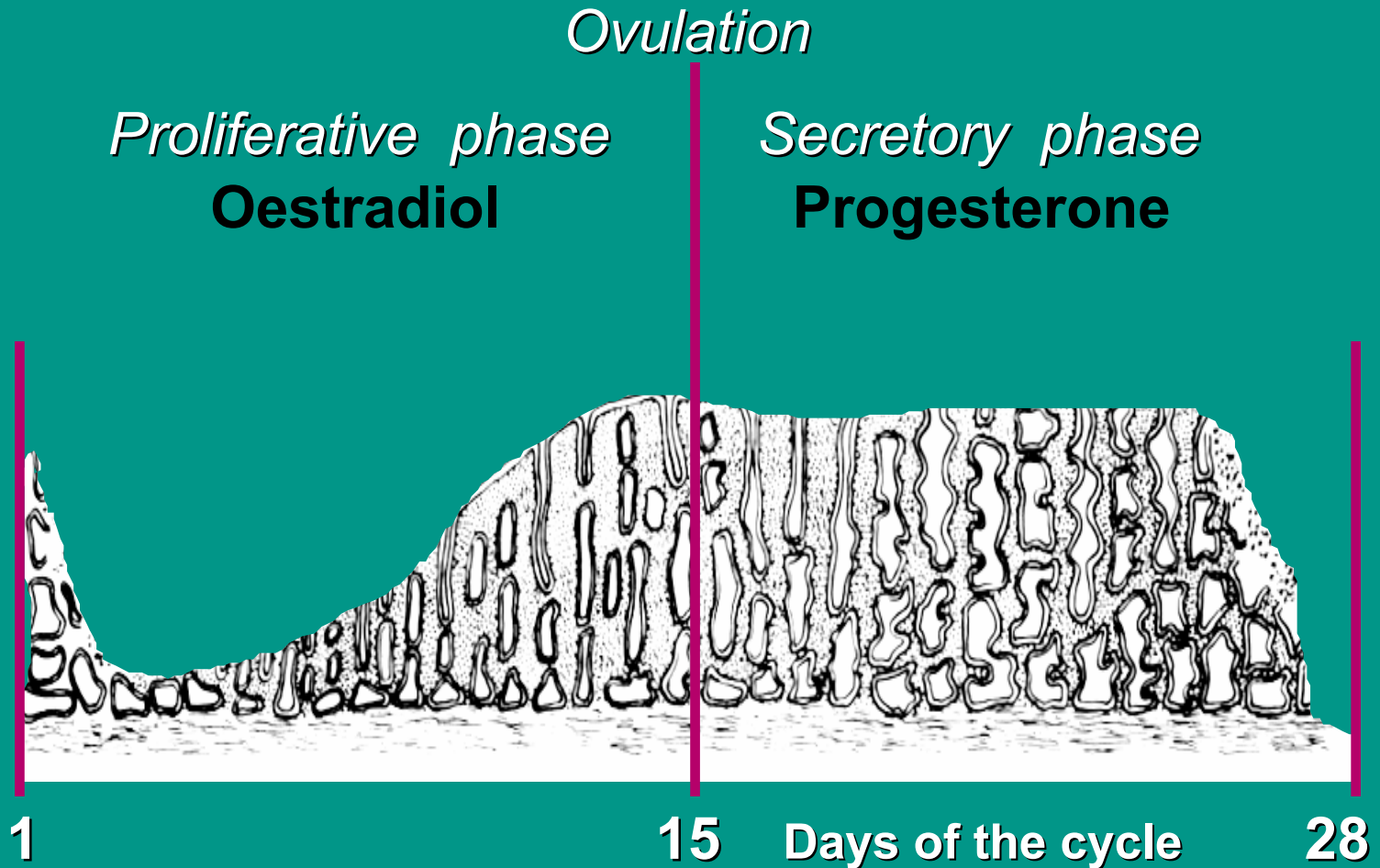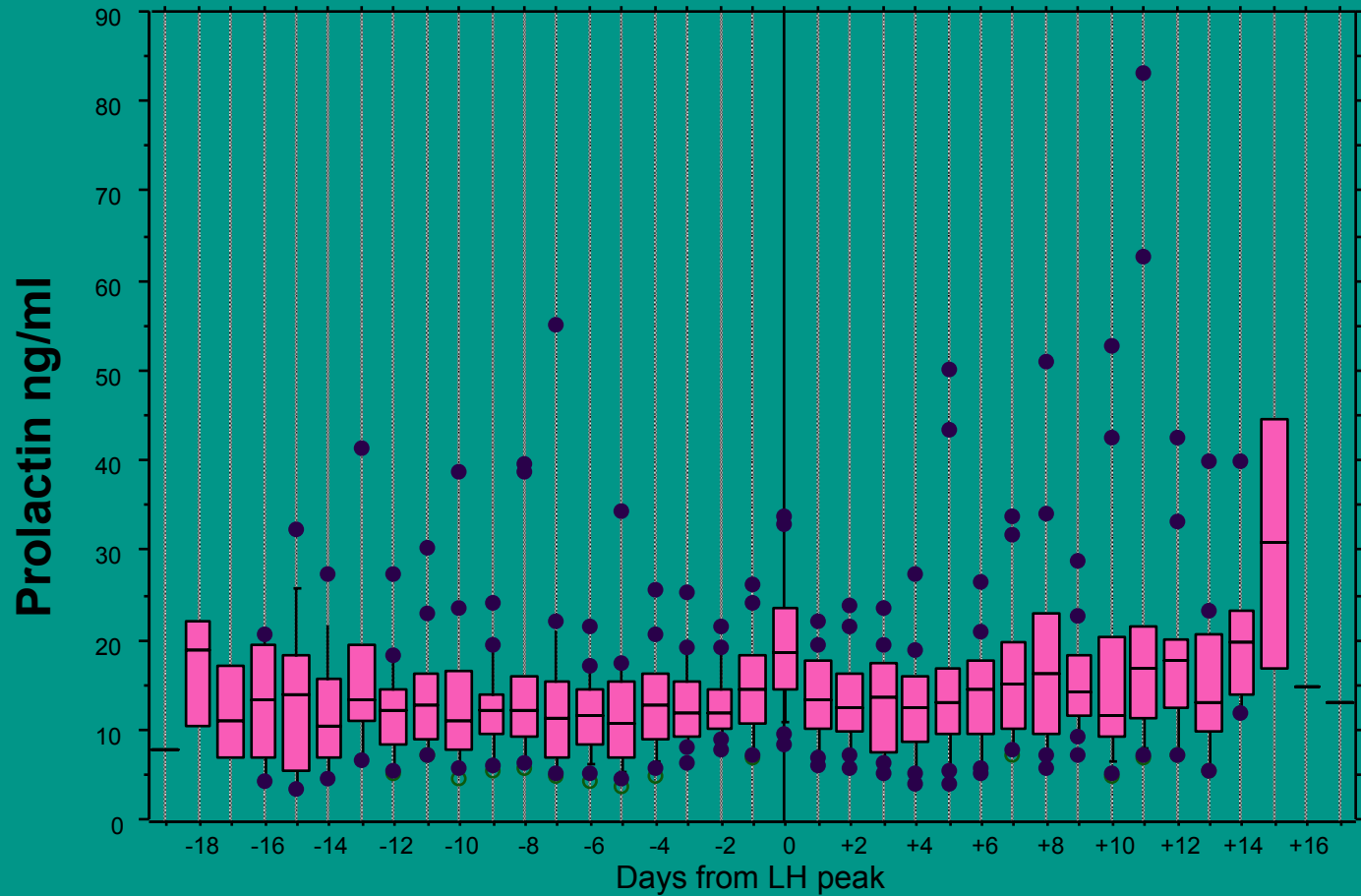**1**   **15   Days of the cycle   28**

THE MENSTRUAL CYCLE

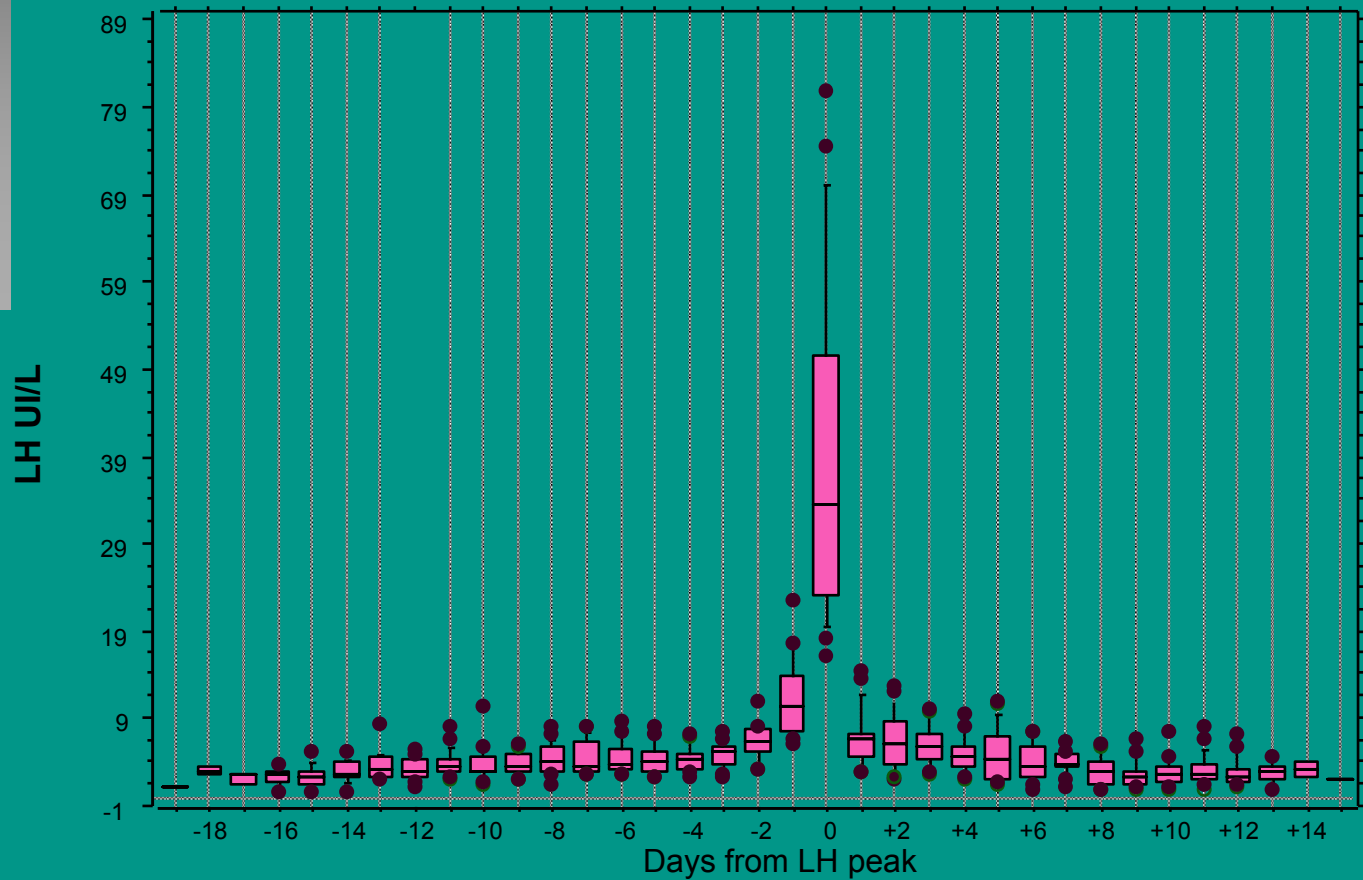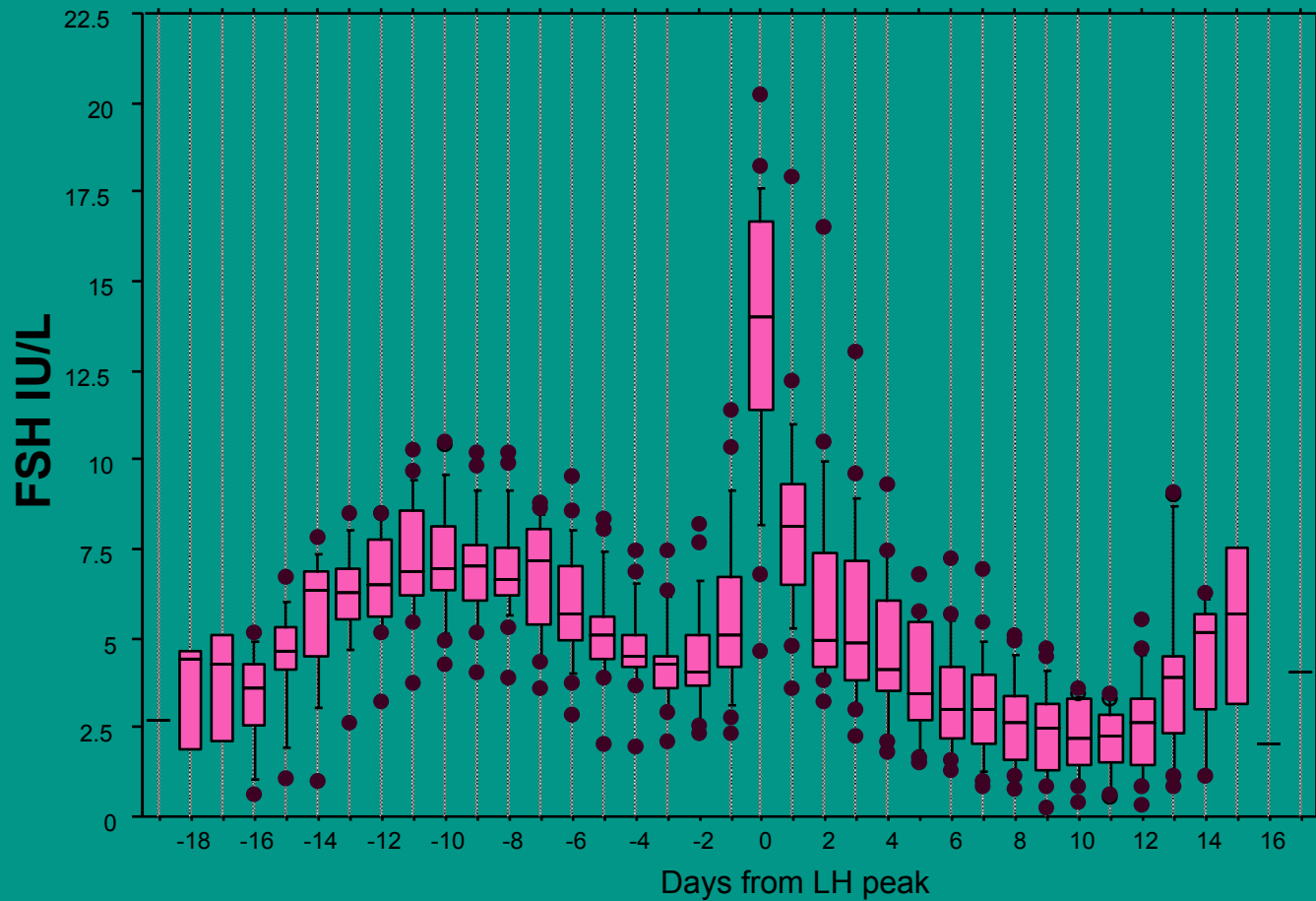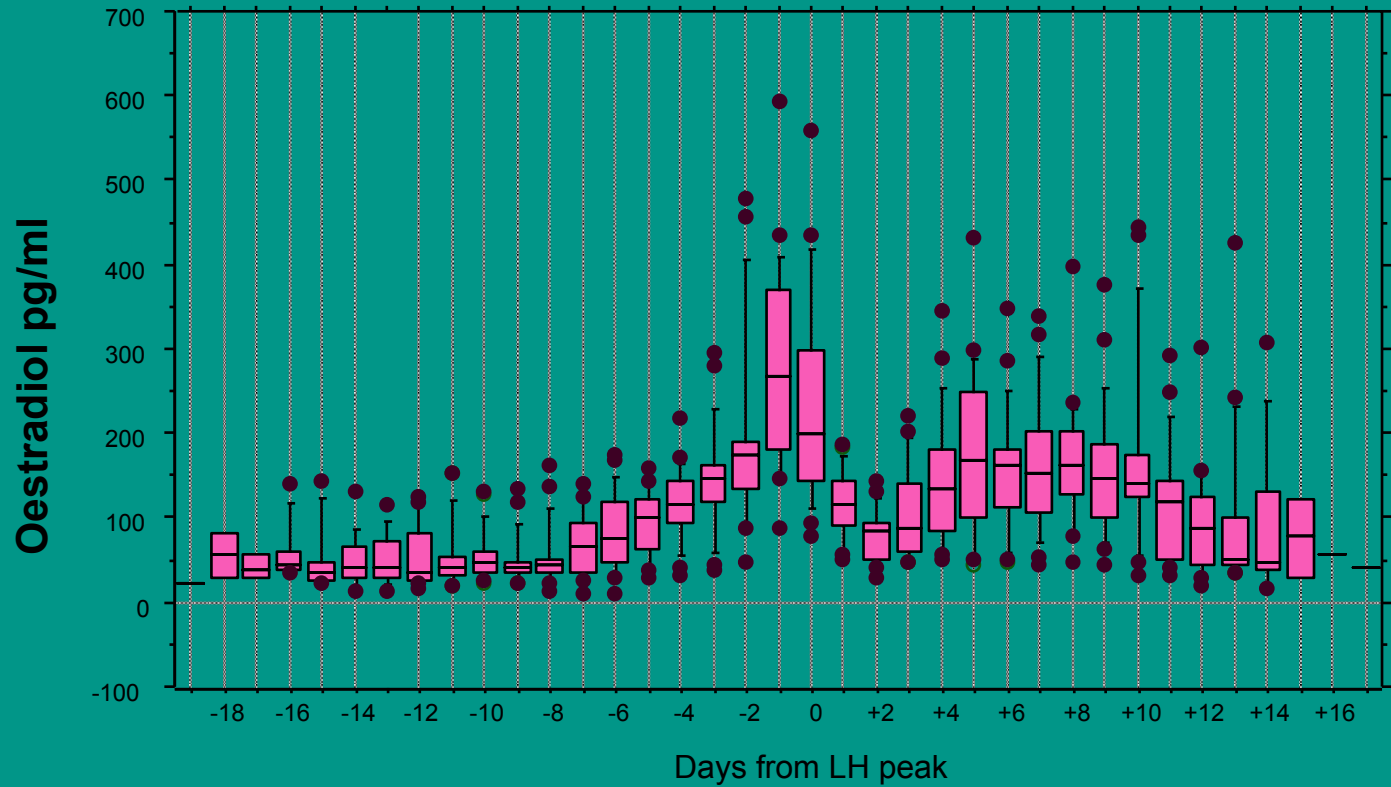# *THE MENSTRUAL CYCLE*

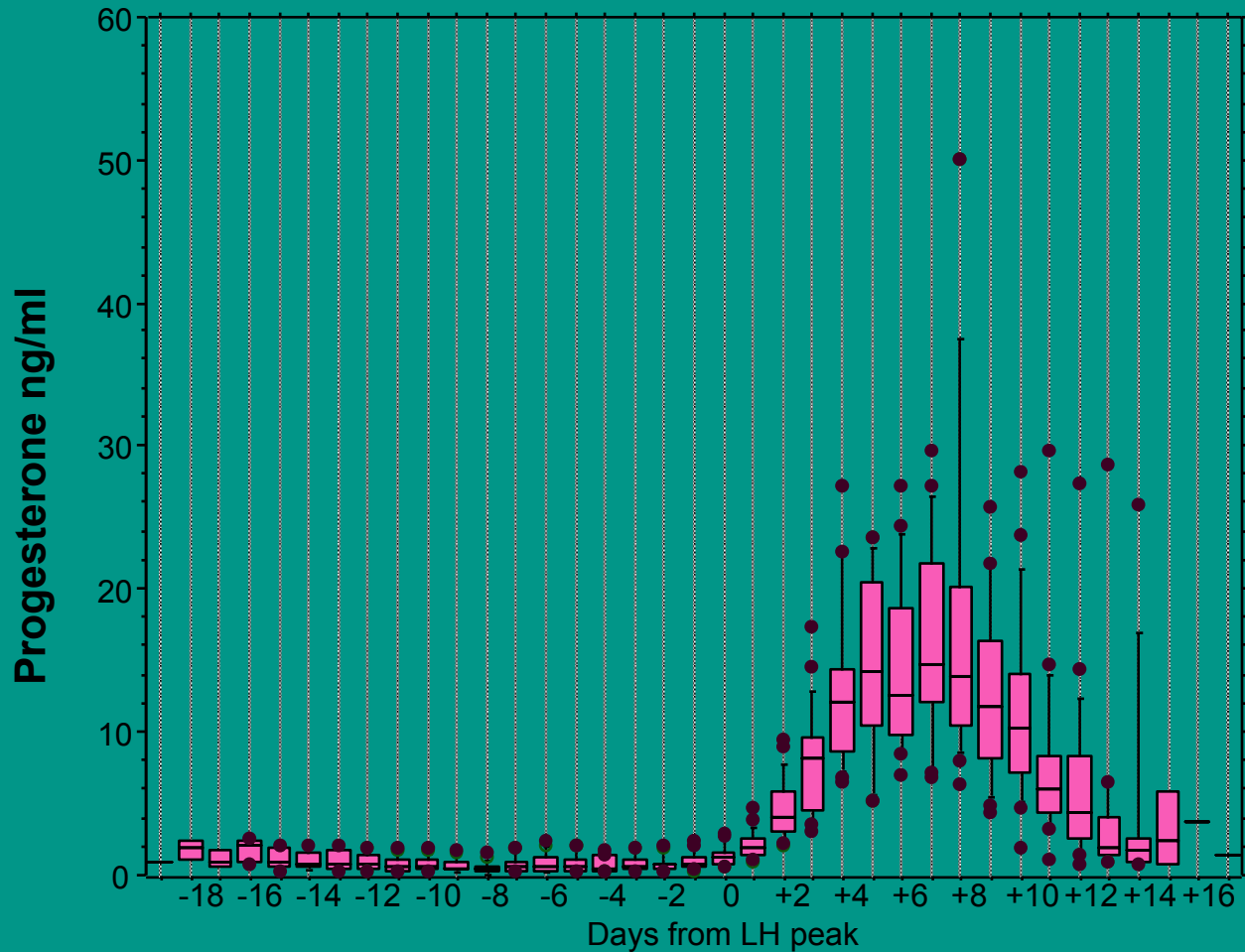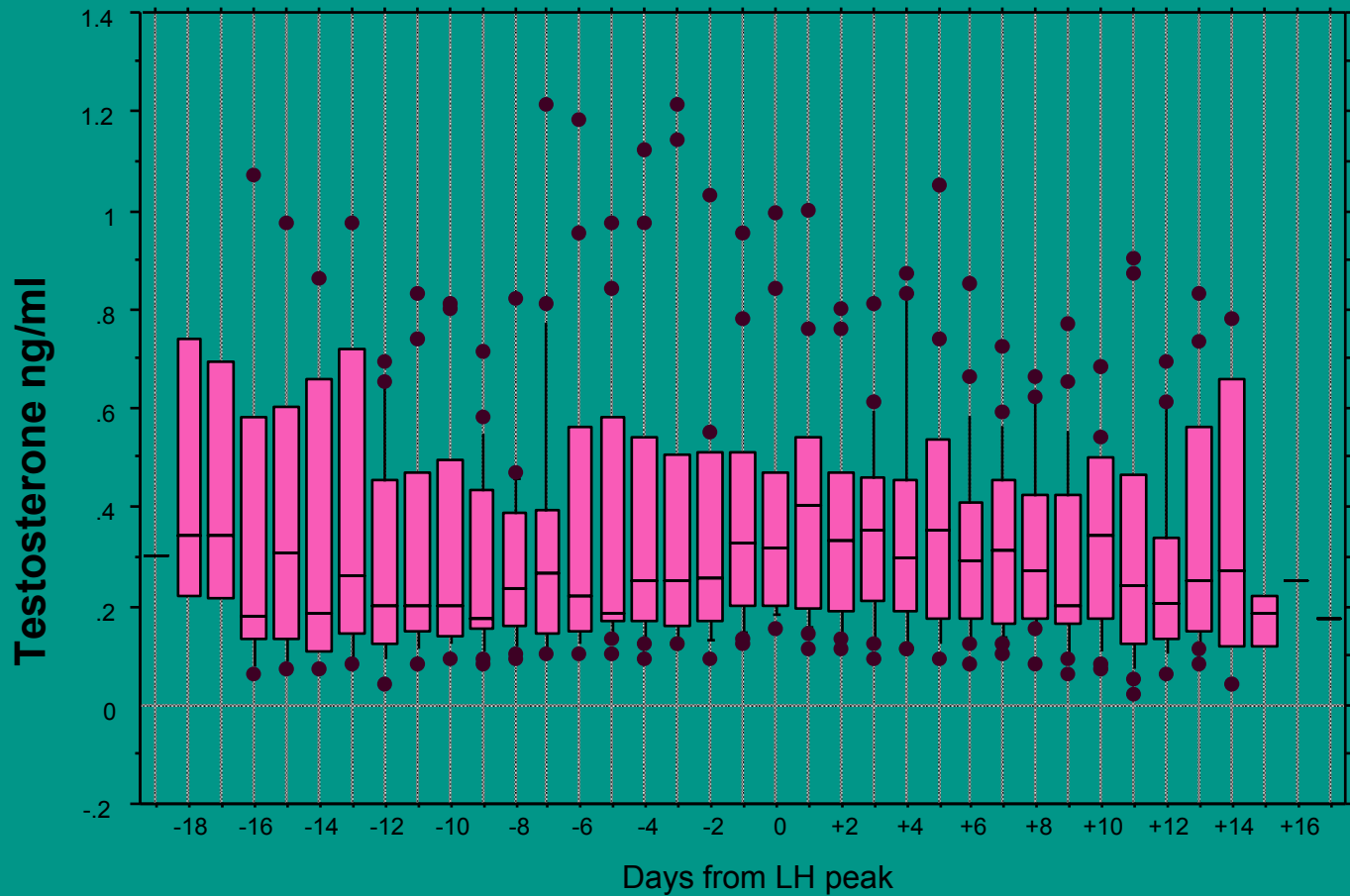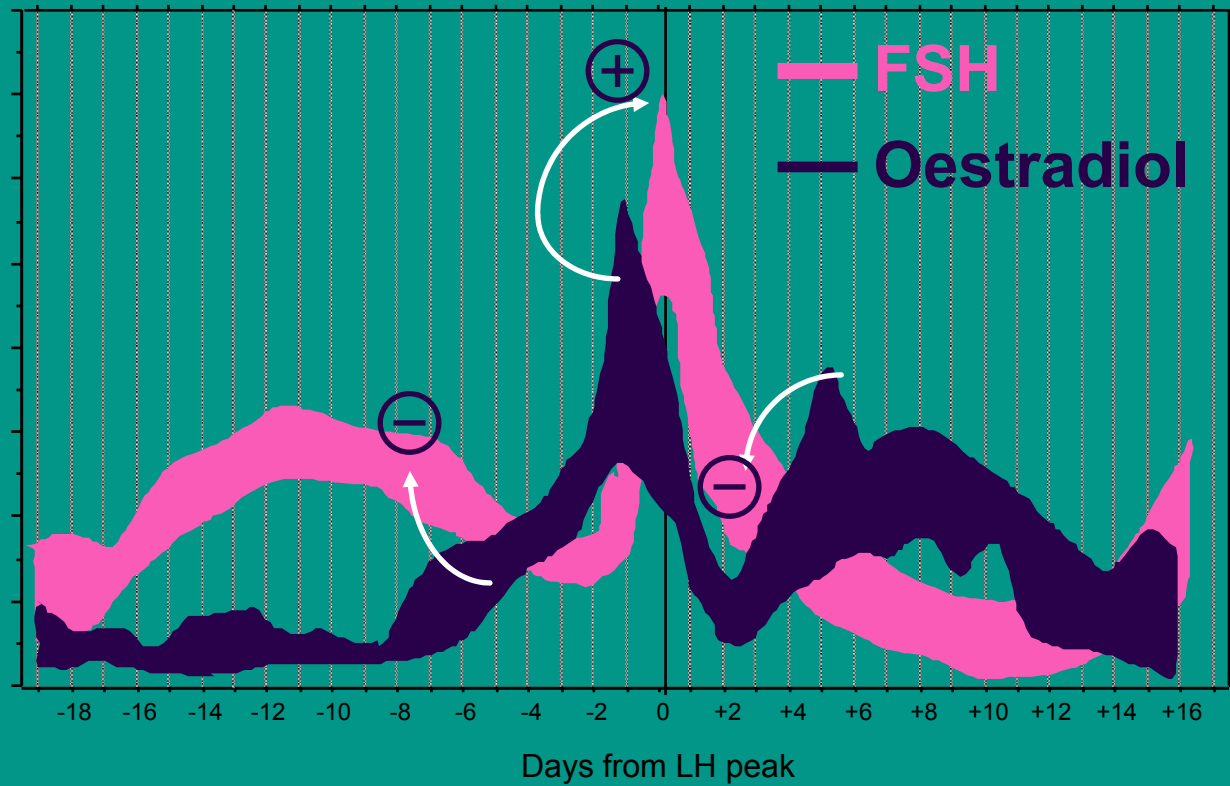# *THE MENSTRUAL CYCLE*

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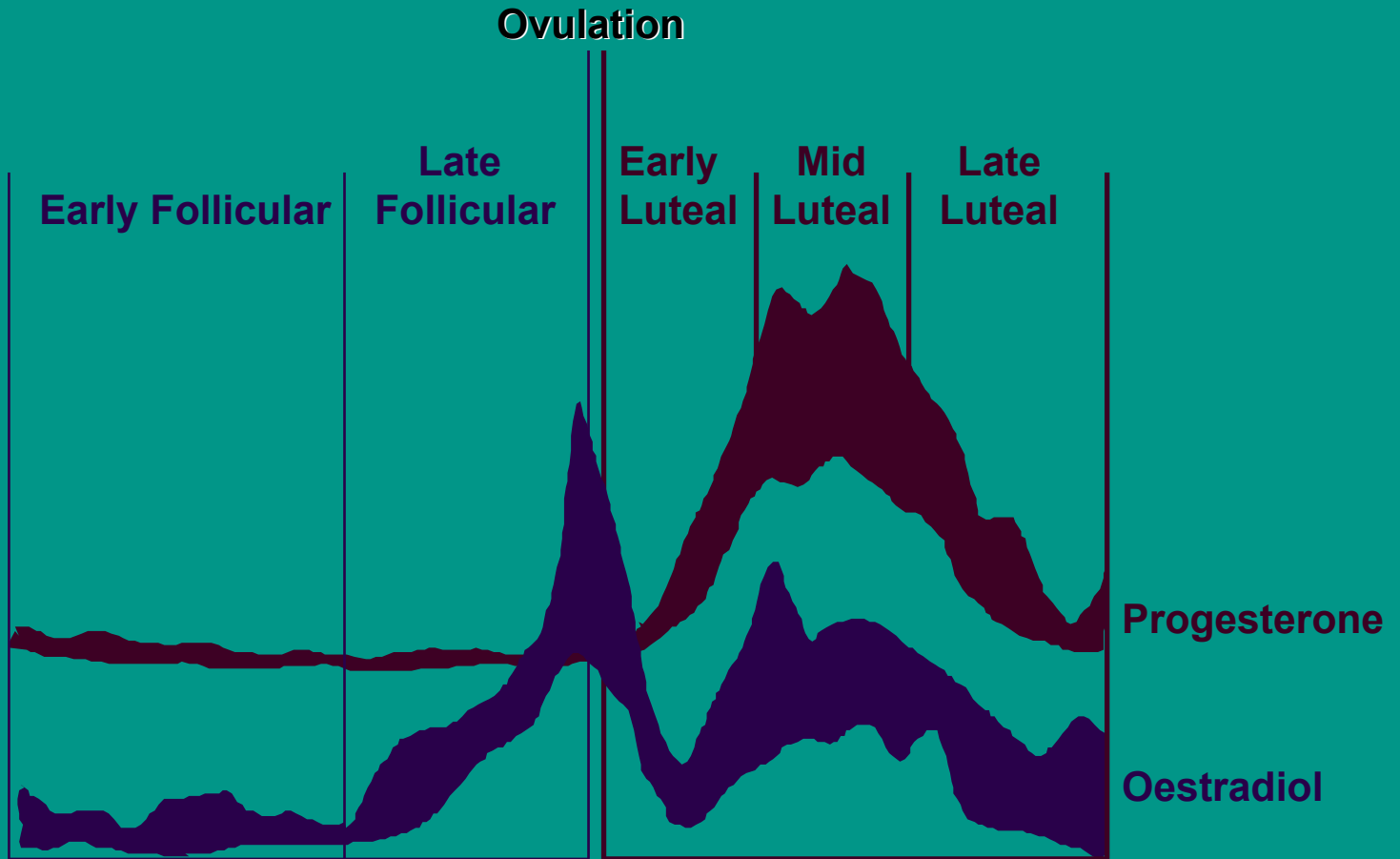
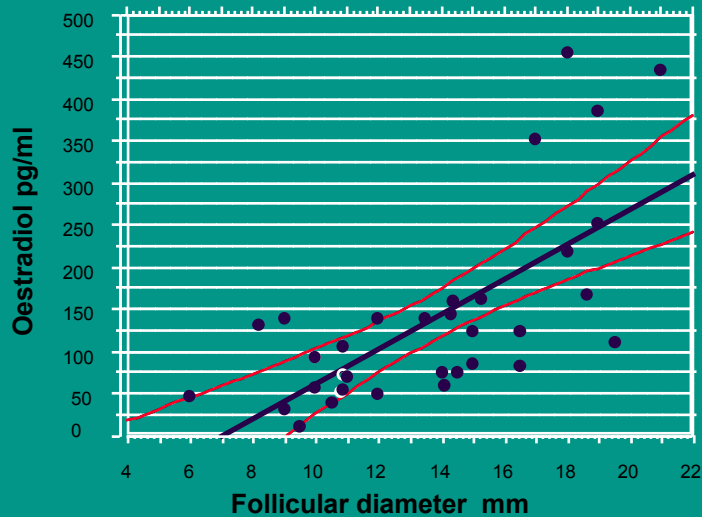# *THE MENSTRUAL CYCLE*

THE MENSTRUAL CYCLE

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Days from LH peak

THE MENSTRUAL CYCLE

Ovulation

Early Follicular | Late Follicular | Early Luteal | Mid Luteal | Late Luteal

Progesterone

Oestradiol

THE MENSTRUAL CYCLE

Oestr = -142.692 + 20.591 * Foll. Diam R = 0.694

Foll. Diam = 17.783 + .997 * Days R= 0.787

THE MENSTRUAL CYCLE