

Chapter 10: Reproductive Behavior

Sexual Development

Hormonal Control of Sexual Behavior

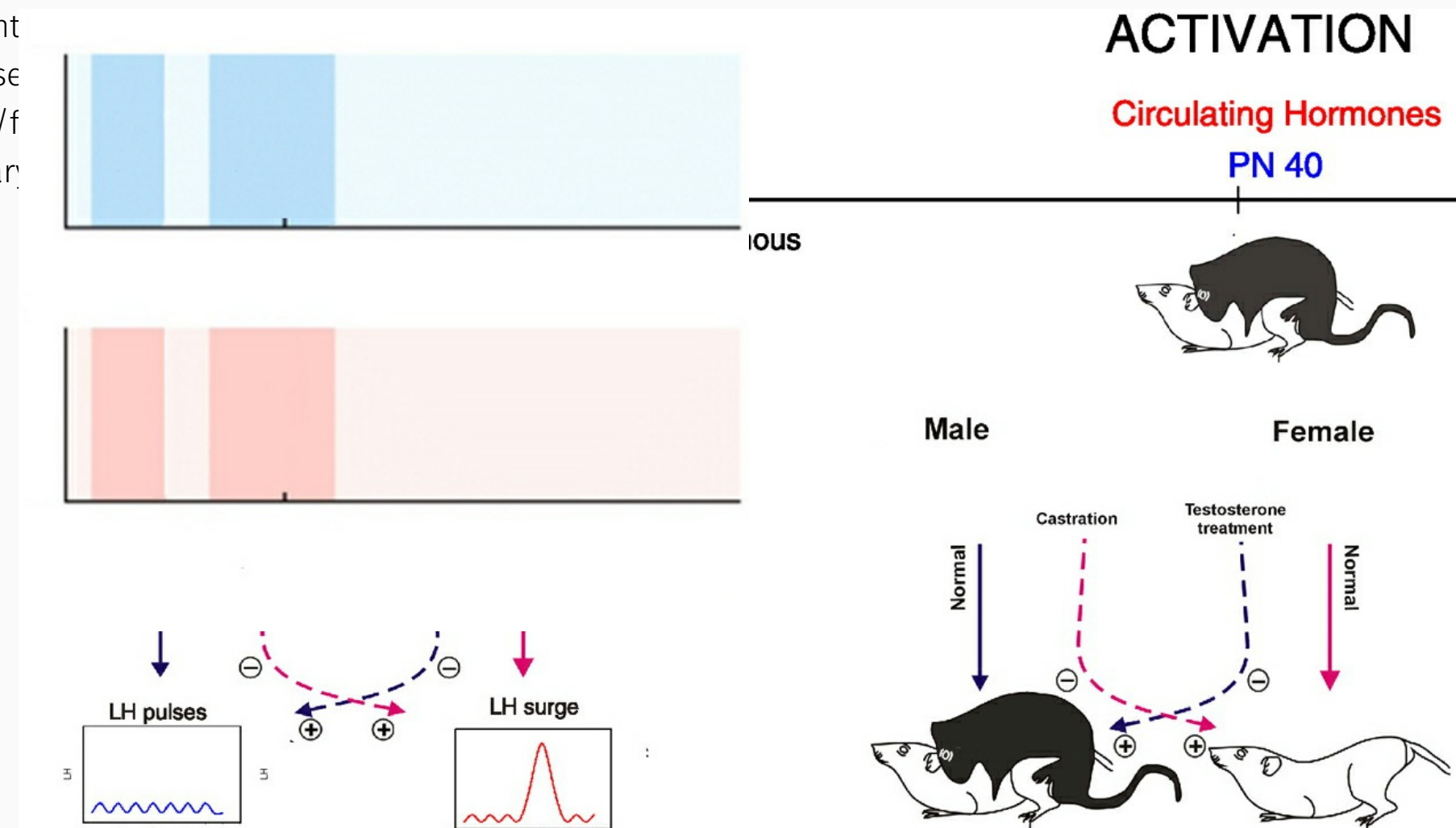
Neural Control of Sexual Behavior

Pair Bonding and Parental Behavior

Hormonal Control of Sexual Behavior

Organizing and Activating Effects of Hormones.

- organizing effects: relatively permanent
- often require hormone expression in sex
- most sensitive periods are embryonic/f
- activating effects: immediate, temporary



Hormonal Control of Sexual Behavior

Male Sexual Behavior.

- organizing effects, activating effects

after birth	fully grown		
None	E + P	Female: yes	Male: no
None	Testosterone	Female: no	Male: no

Hormonal Control of Sexual Behavior

Female Sexual Behavior.

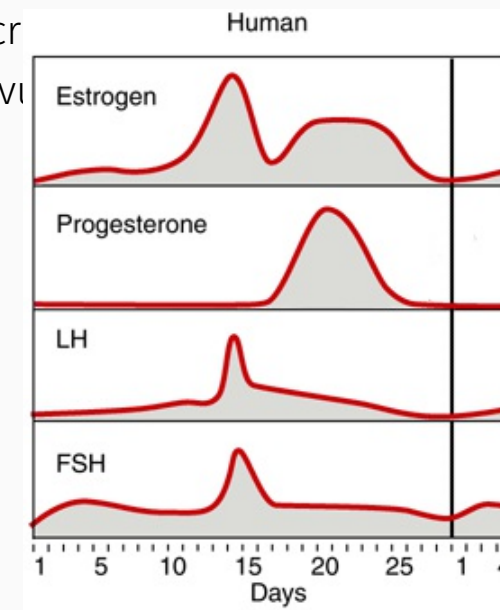
- FSH stimulates follicles → follicles secrete E
- E causes surges of LH → LH induces ovulation
- corpus luteum secretes E + P
- P promotes pregnancy



Hormonal Control of Sexual Behavior

Female Sexual Behavior.

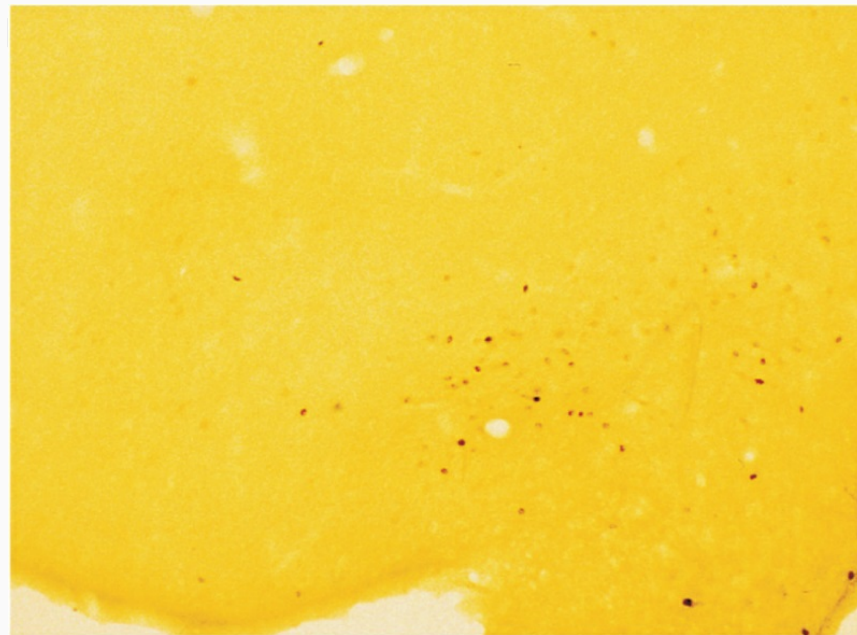
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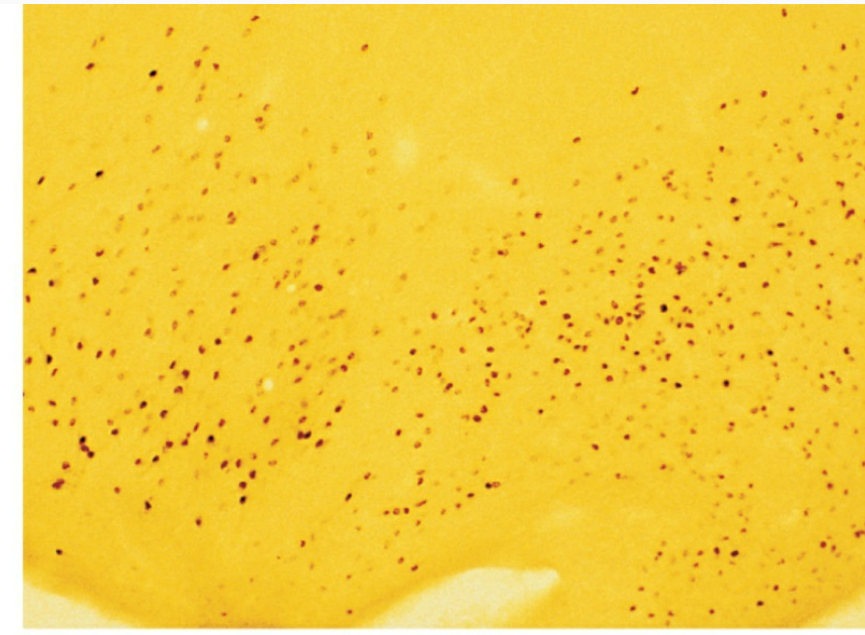
Hormonal Control of Sexual Behavior

Female Sexual Behavior.

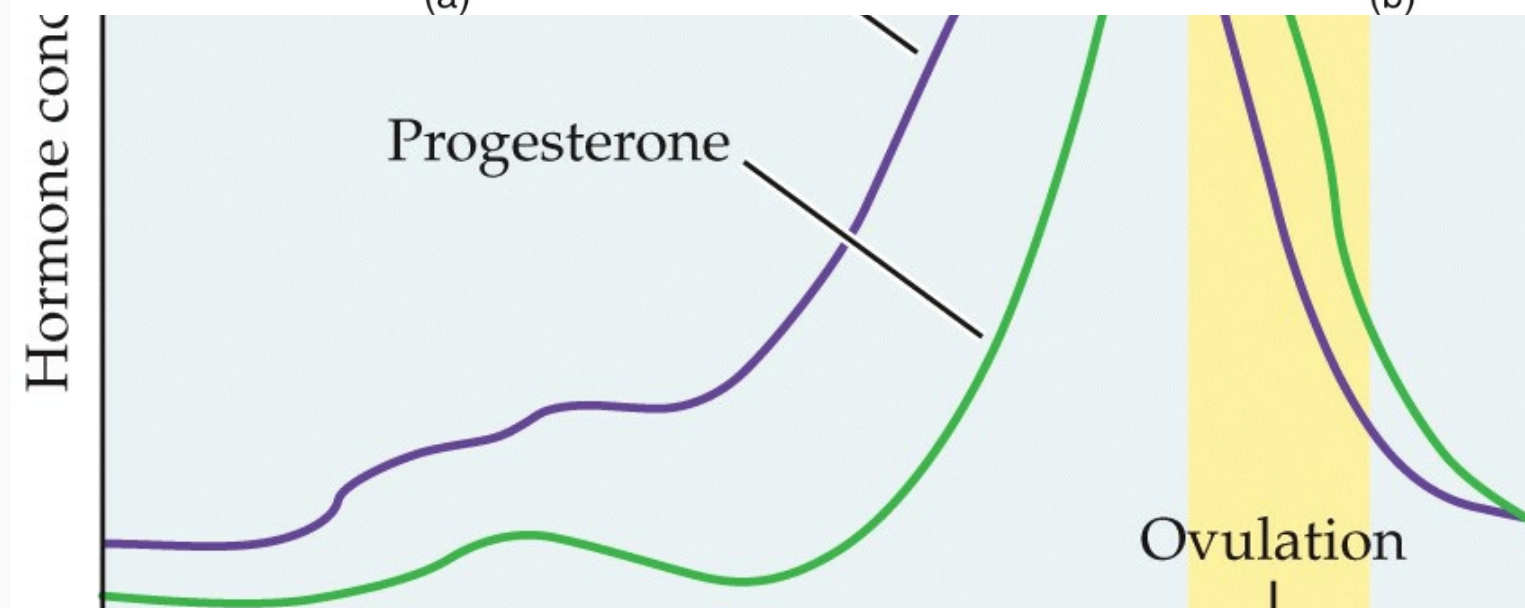
- surge of estradiol followed by surge of



(a)



(b)



1

2

3

4

Day

BIOLOGICAL PSYCHOLOGY 7e, Figure 12.5

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Hormonal Control of Sexual Behavior

Female Sexual Behavior.

- primates less dependent upon E-P than rodents are

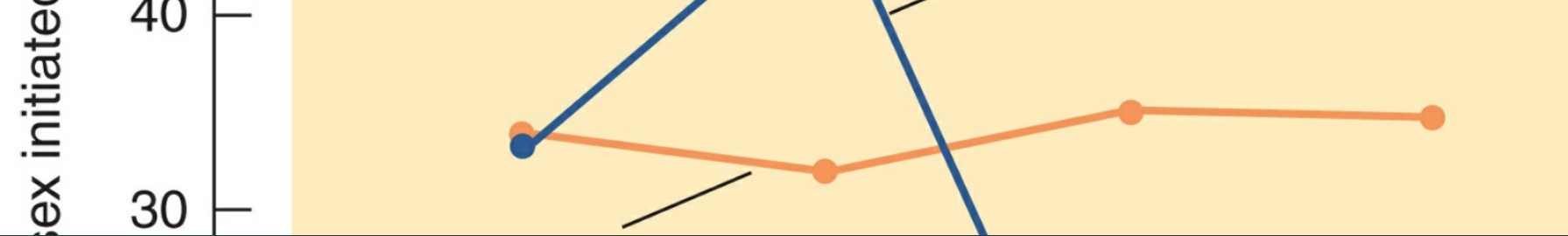


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