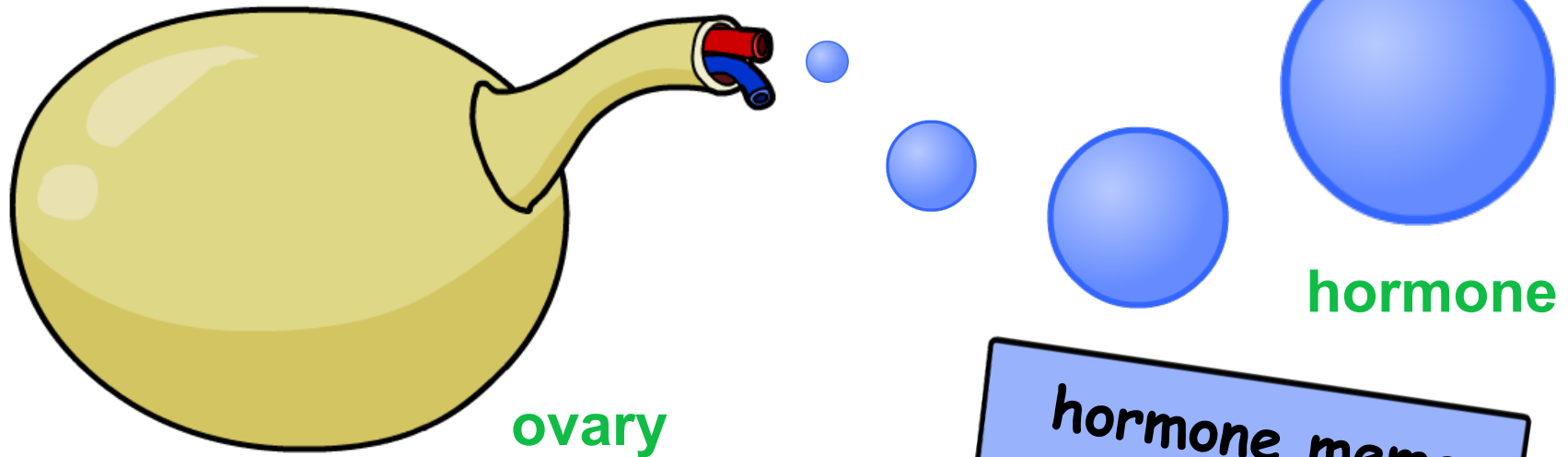


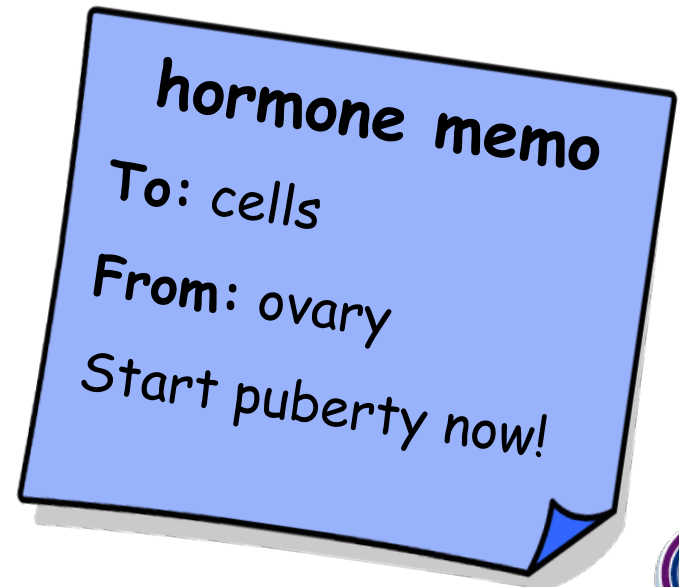
Hormones



Hormones are chemicals that act like messengers. They are secreted by **glands** and carried in the blood from organ to organ.

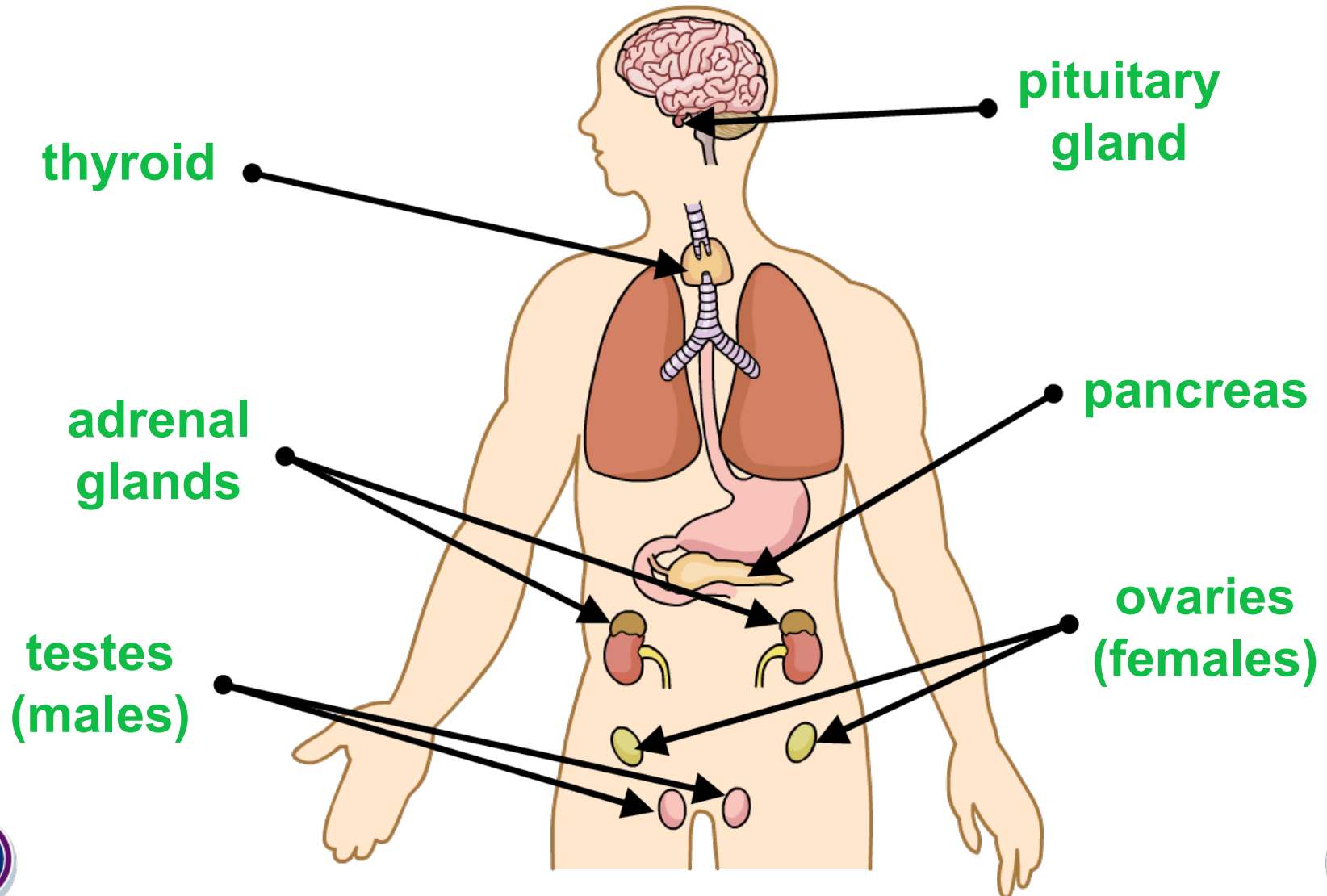


Cells in different parts of the body recognize the hormones and respond by making changes.

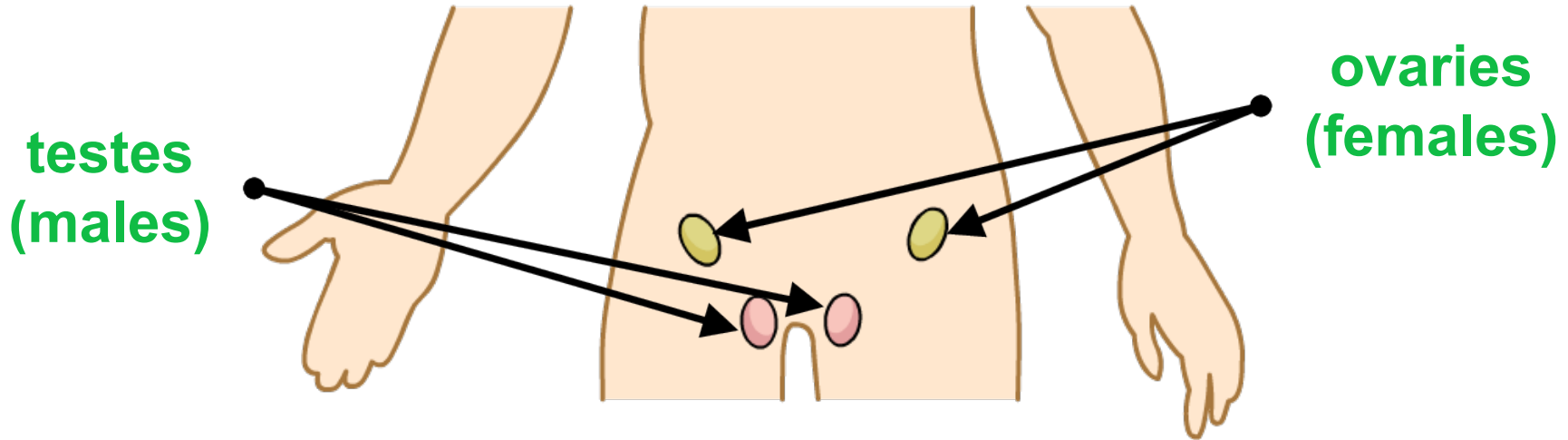


Glands and their hormones

Where are the major glands of the body?



In males, the testes produce the sex hormone **testosterone**, which makes male secondary sexual characteristics develop.



In females, the ovaries produce the sex hormones **estrogen** and **progesterone**.

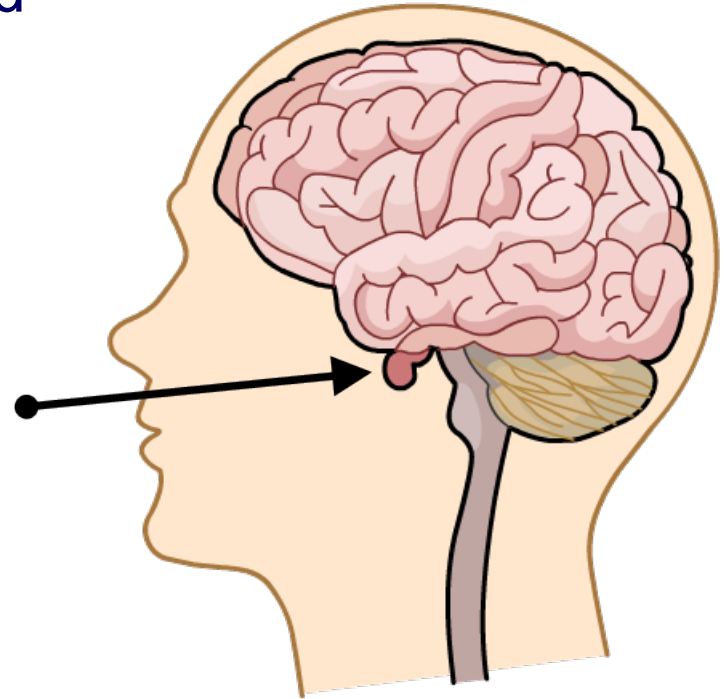
These make female secondary sexual characteristics develop and are involved in fertility and the menstrual cycle.



The pituitary gland

The **pituitary gland** is a pea-sized gland at the base of the brain. It releases many hormones and controls several other glands in the body.

**pituitary
gland**



The pituitary gland produces two hormones involved in fertility:

- **follicle stimulating hormone (FSH)**
- **luteinizing hormone (LH).**



True or false?

