

Nervous system & the endocrine system are both communication systems

COMMUNICATION SYSTEMS E.C.S

N.S

- messengers are neurotransmitters
- travels to site and synapse
- Quick
- has to stimulate the endocrine system for the endocrine system to work

- Impairments - when
 - too much (over production)
 - too little (under production)
- Up/Down regulation
 - receptor response to hormone levels

work together to maintain homeostasis

- messengers are hormones
- travels through blood to cell that needs it (target cell)
- slower, longer
- glands need signals from nerves to work
- helps maintain homeostasis
- negative/positive feedback loop
- Starts new processes
 - growth
 - repair
 - fetal development

