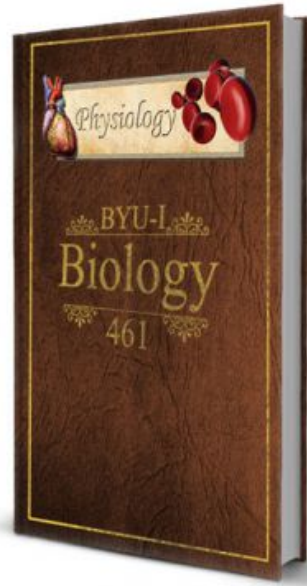


## 5.4

# Endocrine System

Two important systems work together to regulate body functions, the nervous system and the endocrine system. We have studied the nervous system and learned how it uses electrical signals to regulate both voluntary and involuntary activities in the body. The other key regulatory system, the endocrine system, uses chemical signals to regulate body functions. These two systems function hand-in-hand to ensure that our bodies function properly and to maintain homeostasis.



Shaw, J. & Hunt, J. (n.d.). *BIO 461 Principles of Physiology*. EdTech Books.  
[https://edtechbooks.org/bio\\_461\\_principles\\_o](https://edtechbooks.org/bio_461_principles_o)