

Summary: The Nature of Chemical Regulation

Dowland Aiello

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1 Communication through electrical and chemical signals

The **nervous system** and the **endocrine system** serve as the body's principal coordination organ systems. As their names suggest, the endocrine system establishes coordination in a *chemical* manner, while the nervous system establishes such coordination in an *electrical* manner.

1.1 An overview of the endocrine system

The endocrine system establishes communication by releasing chemical signals called **hormones**.