Upregulation and Downregulation

* Outline the role of receptors in cell sensitivity.
* Define the term upregulation.
* Explain why downregulation occurs.

Types of Receptors

* Contrast Ion Channel, G Protein and Tyrosine Kinase receptors.

Response to Receptor Binding

* Define the term signal transduction.
* Outline the role of second messengers in signal transduction.
* Explain why one hormone can produce a large effect on a cell.