**Plant Hormones**

why are many homeostatic mechanisms controlled by negative feedback?

**Stimulus REsponse Model / Negative Feedback (use a diagram to explain)**

**Negative Feedback Vs Positive Feedback**

**Hydrophillic Signal transduction**

**desctibe the three steps of signal transduction:**

**1.**

**2.**

**3.**

Explain the **SOURCE** and **MODE OF TRANSMISSION** for these cellular signals

**difference between the ‘mitochondrial pathway’ & ‘death receptor pathway’?**

**Define Apoptosis**

**Neurotransmitters**

Key Knowledge 7

Cellular Signals

Differences between Hydrophillic and Hydrophobic (receptor location, initiation of transduction etc)

**Hydrophobic Signal transduction**

**Examples of Apoptosis**

**How Does one Signal have different effects in the same organism?**

**pheromones**

**cytokines**

**Steps involved in apoptosis** (once signal is received)