

Pathways – Reference Summary

Pathways = the “cell production line” = a series of consecutive chemical reactions that may run in series, parallel or both

Feedback mechanisms serve to regulate product levels within a pathway

Biochemical pathways include

Positive feedbacks (activations), represented by a pointed arrow (→)

Negative feedbacks (inhibition), represented by a T-bar arrow.

Cellular metabolism is dominated by pathways and tightly controlled by feedback mechanisms, which might be governed by internal and/or external signals.