

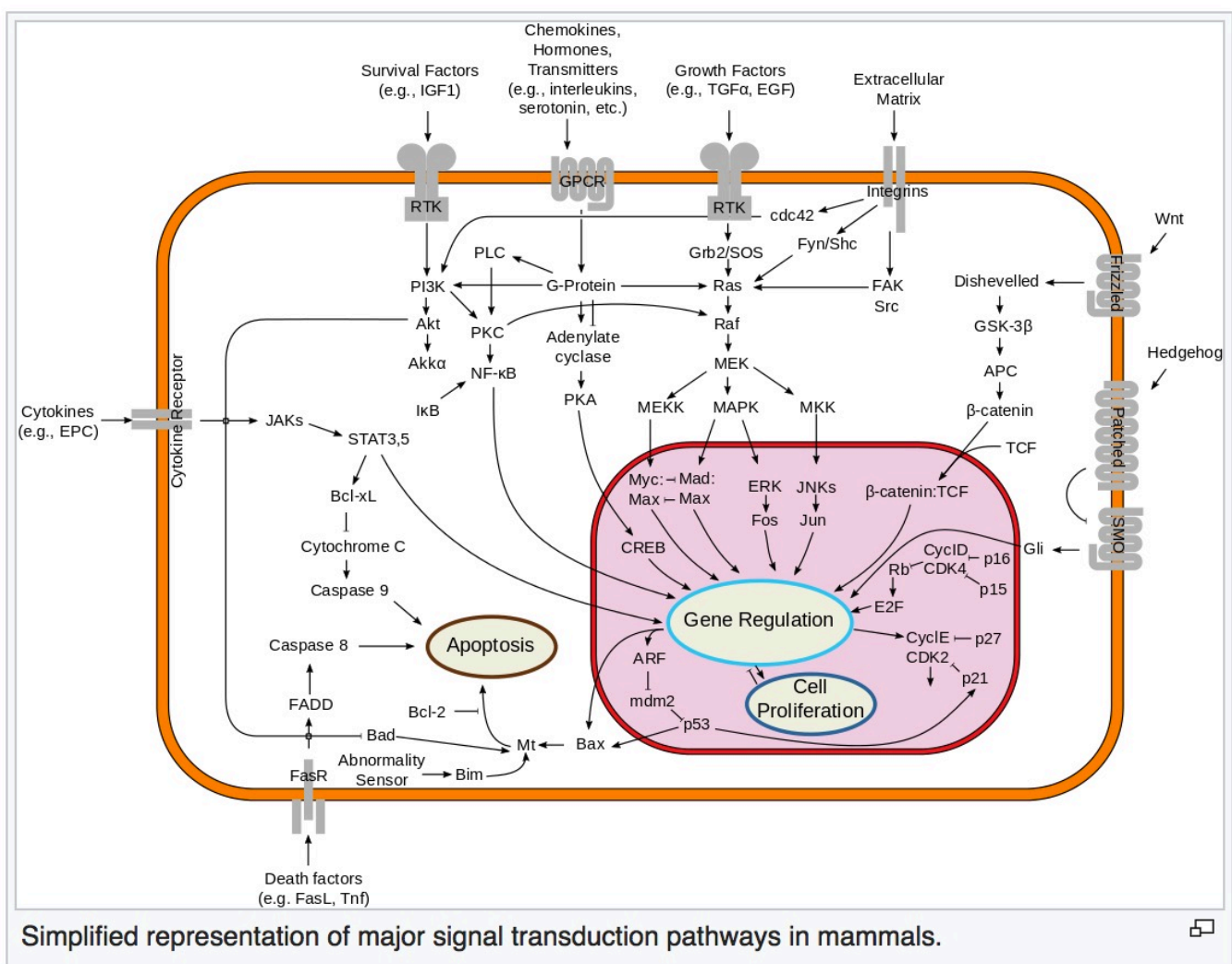
Dishevelled

Dishevelled (Dsh) is a family of proteins involved in canonical and non-canonical Wnt signalling pathways. Dsh is a cytoplasmic phosphoprotein that acts directly downstream of frizzled receptors.

It takes its name from its initial discovery in flies, where a mutation in the dishevelled gene was observed to cause improper orientation of body and wing hairs.

Dishevelled plays important roles in both the embryo and the adult, ranging from cellular differentiation and cell polarity to social behavior.

Frizzled is a family of **G protein coupled receptor** proteins that serves as receptors in the **Wnt signaling pathway** and other **signaling pathways**. When activated, Frizzled leads to activation of Dishevelled in the cytosol.



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