

Signals that Govern Cell Behavior in embryos, during tissue repair, and in cancer



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Abstract:

In complex organisms such as ourselves, cells must coordinate their proliferation and differentiation to build and maintain normal tissues and structures. The Hedgehog signaling protein is one of the extracellular signals that cells use to coordinate their behavior. Hedgehog signaling has profoundly important roles in the normal processes of embryonic development and tissue regeneration, is improperly activated or lost in disease processes such as cancer or tissue degeneration.

