





## Types of regeneration

**Epimorphosis** is defined as the regeneration of a specific part of an organism in a way that involves extensive cell proliferation of somatic stem cells, dedifferentiation, and reformation, as well as blastema formation. (limb regeneration)

**Morphallaxis** is the regeneration of specific tissue in a variety of organisms due to loss or death of the existing tissue. Not a blastema is formed after wound healing. (Hydra regeneration)

Planaria regeneration: partly epimorphosis, partly morphallaxis. Sometimes it is called epimorphallaxis.



















