

Apoptosis - Literal - falling-off / Programmed cell Death.

Active Process - due to usage of ATP from mitochondria.

Active process > Programmed cell Death

→ Apoptosis induced by loss of adhesion molecule

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ANAKIS

Physiological

→ Organogenesis.

- Cell deletion
- Cell deletion of auto reactive cells protective against autoimmunity.

Pathological

MFs folding of proteins.

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stress.

↓
Apoptosis

eg. Familial Hypercholesterolemia

Parkinson's, Alzheimer's

Huntington's

GVHD

Cystic fibrosis. → Salivary gland.

Tumour cell death. → distant

→ Chemotherapy + Radiotherapy - Necrosis / Apoptosis.

eg. (Severe stimuli)

→ mild stimuli - only apoptosis to cell

Glucocorticoid - induce apoptosis.