

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

ANOKIS

Physiological

→ Organogenesis.

- Cell deletion
- Cell deletion of autoreactive cells.
- protective against autoimmunity.

Pathological

MF folding of proteins.

↓ stress.

↓ Apoptosis

eg. Familial Hypercholesterolemia

Parkinson's, Alzheimer's

Huntington's

GIVHD

Cystic fibrosis. → Salivary gland.

Tumour cell death.

dustan

→ Chemotherapy + Radiotherapy - Necrosis / Apoptosis.

eg. (Severe stimuli)

→ mild stimuli - only apoptosis

to cell

q Glucocorticoid - induce apoptosis.