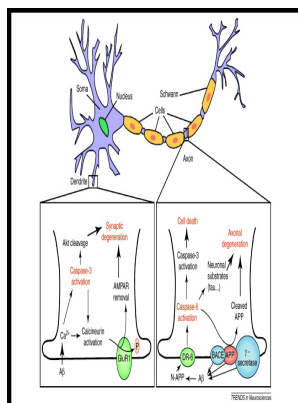


Role of caspase-3 in regulating neurotrophic and NMDA-dependent PCD in the mammalian CNS in vivo

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1. Introduction

In addition to the BIR domains, c-IAP1, c-IAP2, and XIAP contain a highly conserved RING domain at their C-terminal end which possesses E3 ubiquitin ligase activity.

Excitotoxic and excitoprotective mechanisms

Meier P, Finch A, Evan G 2000 Apoptosis in development. The ER also contains several Bcl-2-binding proteins, and Bcl-2 has been reported to exert part of its cytoprotective effect within the ER.

Ex vivo imaging of active caspase 3 by a FRET

When extracellular ligands such as Fas ligand, TNF α or TRAIL TNF-related apoptosis-inducing ligand bind to their receptors, the intracellular death domains of these receptors recruit adaptor proteins such as FADD and TRADD and initiator caspase-8 and -10.

Regulation of caspase

Similar effects are observed when neurotrophic factors or tissue extracts are exogenously administered to chicken embryos in ovo .,

Pro

Recently, stem cells have been identified in at least two areas of mammalian brain.

Expanding roles of programmed cell death in mammalian neurodevelopment

Raoul is a recipient of a scholarship from the Ministère de l'Éducation Nationale, la Recherche et la Technologie MENRT. Cell division in

eukaryotes is different from that in organisms without a nucleus Prokaryote.

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