Viability and cell death in cerebellar granule neurons (CGNs) (white arrow) and astrocytes (red arrow).

Immunostaining pictures of rat cerebellar granule neurons treated with cerebrospinal fluid of multiple sclerosis patients. Apoptotic cell death occurred in cerebellar granule neurons but not astrocytes. 6 days culture of rat cerebellar granule neurons A) in control B,C,D) treated with cerebrospinal fluid of multiple sclerosis patients. Rhodamine-123 that fluoresces green was used to identify viable cells and propidium iodide that fluoresces red was used to identify dead cells.

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