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Caption: Purkinje cells in the cerebellum. Fluorescent light micrograph of Purkinje cells (green) in the cerebellum of the brain. Purkinje nerve cells have a flask-like body from which numerous highly branched dendrites extend. They are found in the grey matter (cortex) of the cerebellum, at the boundary between the granular layer (blue red) and the molecular layer (red green). The dendrites relay signals to the cell body, which passes them on through its single axon (green) in the granular layer. The cerebellum is a structure at the base of the brain that plays an important role in motor control, sensory perception and learning. Magnification: x380 when printed 10cm wide.

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