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Caption: Cerebellum tissue. Coloured light micrograph of a section through the cerebellum of the brain. This is the grey matter of the cerebellum. It consists of two layers; the molecular layer (dark blue) and the granular layer (light blue). Purkinje cells (orange), a type of neuron (nerve cell), form the junction between the two layers. Purkinje cells consist of a large flask-shaped cell body with many branching processes (dendrites). The cerebellum controls balance, posture and muscle coordination. Magnification: X60 when printed at 10 centimetres wide.