

## Worksheet for lecture 26

- Draw a simple outline of the ventral surface of the cerebellum showing the peduncles, which attach the cerebellum to the brainstem.
- What are the three functional domains of the cerebellum and where are they located? (You may show the location on a simple drawing, but label each region.)
- For each functional domain, draw a circuit diagram. Include in each diagram the major inputs, Purkinje cells, granule cells, the relevant deep cerebellar nucleus, and the major outputs. Also, for the brain structure receiving the axons of the deep cerebellar nuclei, indicate their main output connections.
- What are three common symptoms of cerebellar pathology?