

## Worksheet for lecture 25

- Draw a simple coronal section of the brain that includes the thalamus and pons. Label the lateral ventricles, third ventricle, caudate nucleus, putamen, globus pallidus (internus and externus), subthalamic nucleus and substantia nigra.
- List the major parts of the striatum, and give the major functions of each part.
- Draw a flow diagram of the circuitry of the basal ganglia including the major input and output structures.
- Make a table that contrasts Parkinson's and Huntington's diseases. Columns in your table could include part of the brain with the initial cell degeneration, type of neurons that degenerate, and the major symptoms.