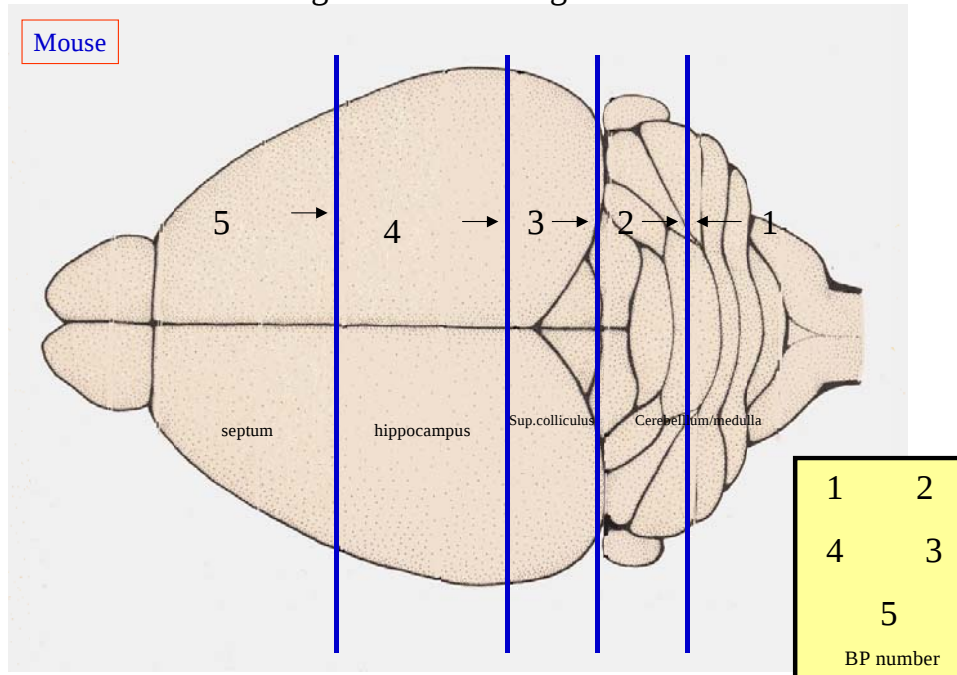


Appendix 2 (a) Mouse brain trimming levels

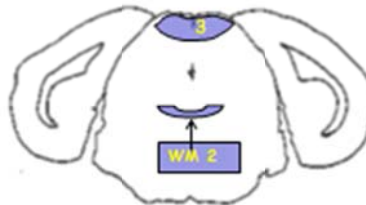
Trimming and embedding levels



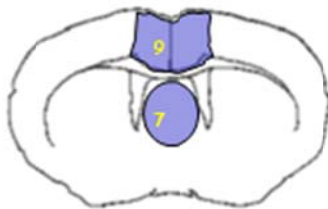
Appendix 2b Mouse brain scoring areas.



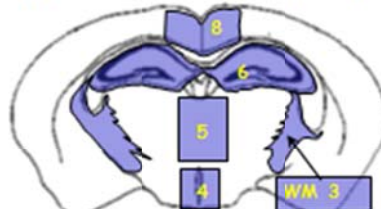
1 Medulla 2 Cerebellum WM1 cerebellum
Cochlear nucleus



3 Superior colliculus
WM2 decussation of sup. cerebral peduncle
4 Hypothalamus 5 Thalamus 6 Hippocampus



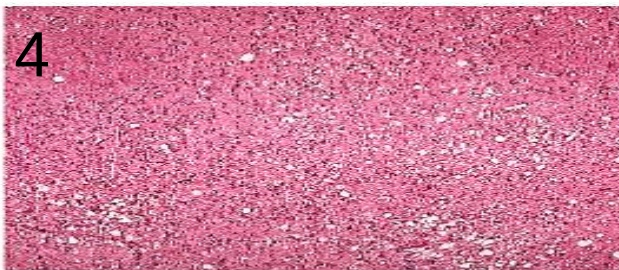
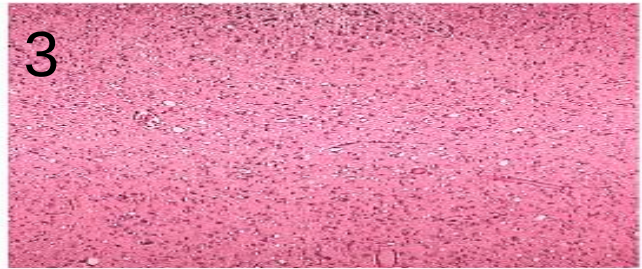
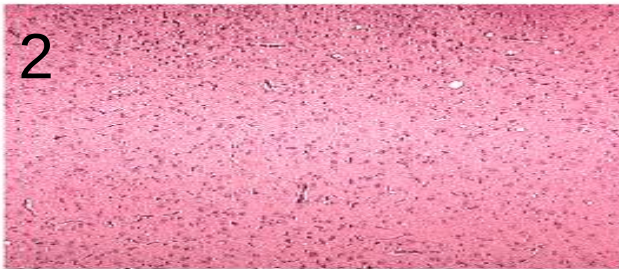
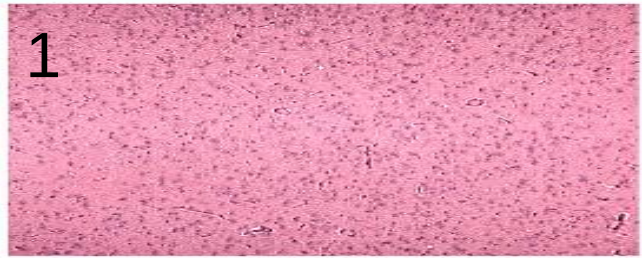
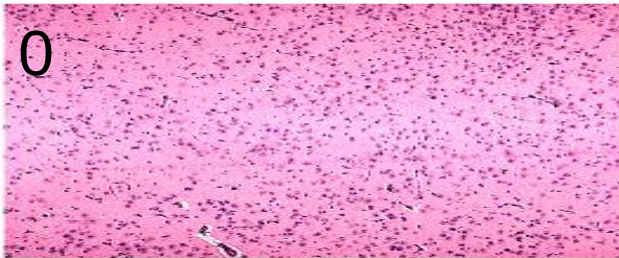
7 Septum 9 cingulate & motor cortex



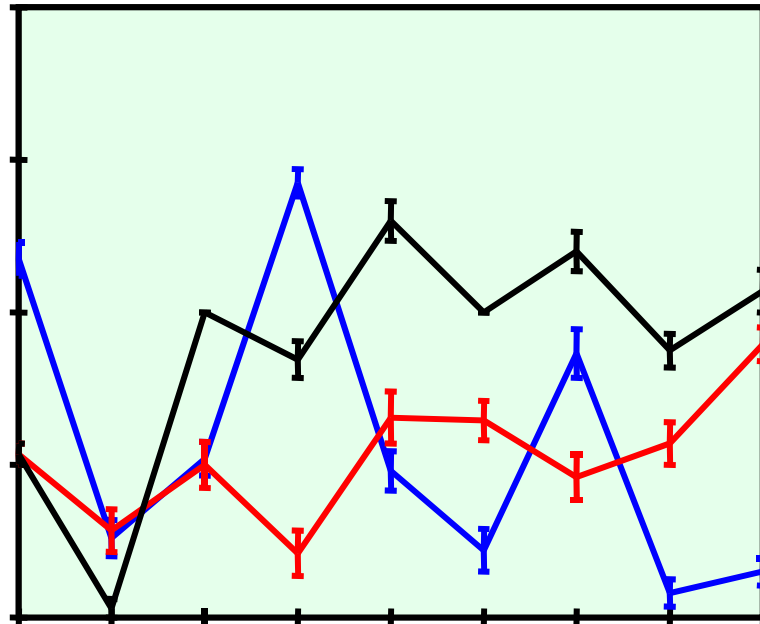
8 Retrosplenial cortex WM3 basal cerebral peduncle

Appendix 2 C Examples of vacuolation scoring

Scoring - Grey matter vacuolation.



Appendix 2d: Examples of lesion profiles for grey matter areas of mouse brain.

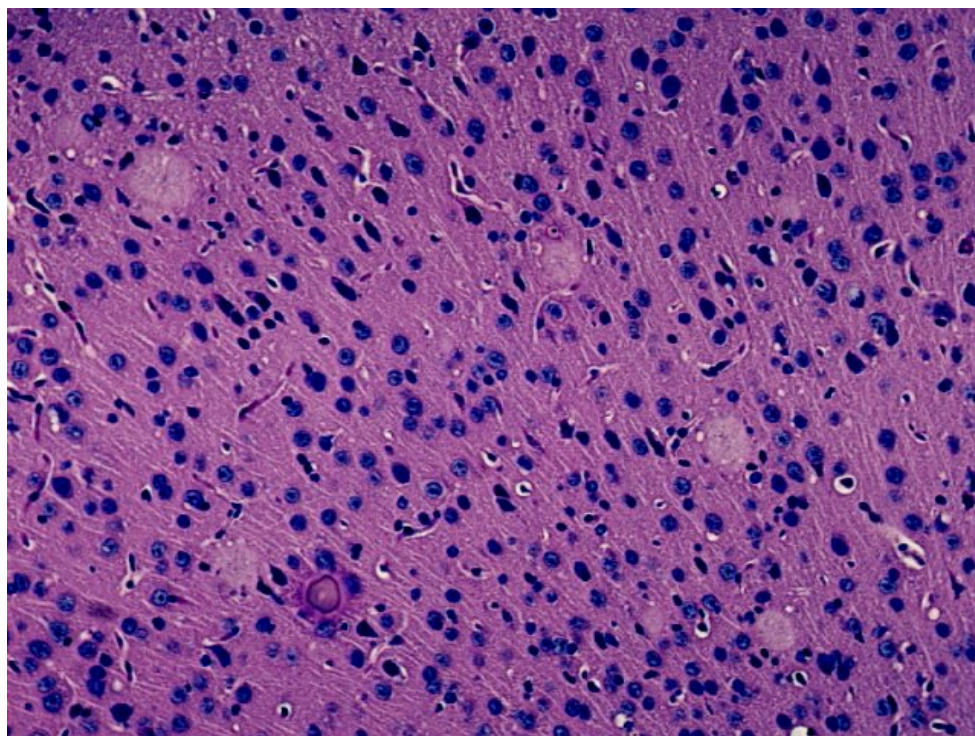


Red: 79A

Blue: 87A

Black: ME7

Appendix 2e: example of H&E staining showing plaques of PrP^{Sc} deposition.



Appendix 3 Sheep brain trimming levels.

Fig. 1 Half brain – caudal

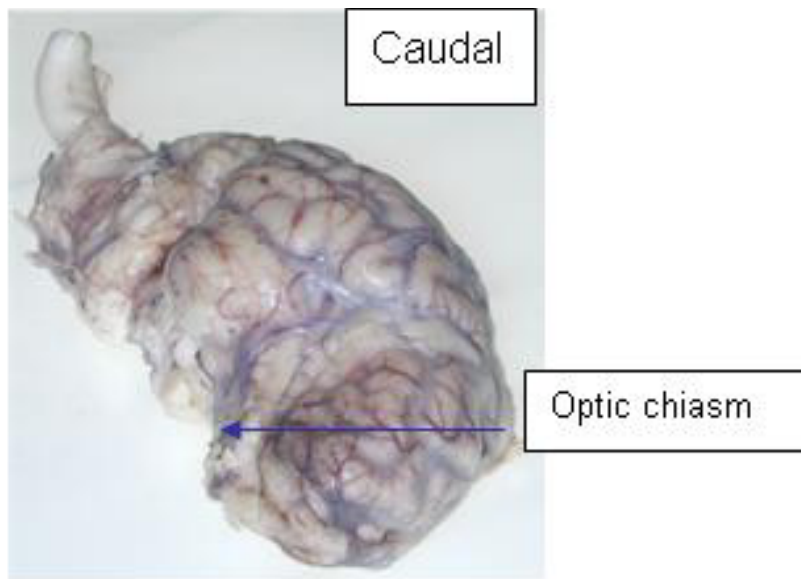


Fig. 2 Frontal cortex section –Rostral (FRCX- **A**)

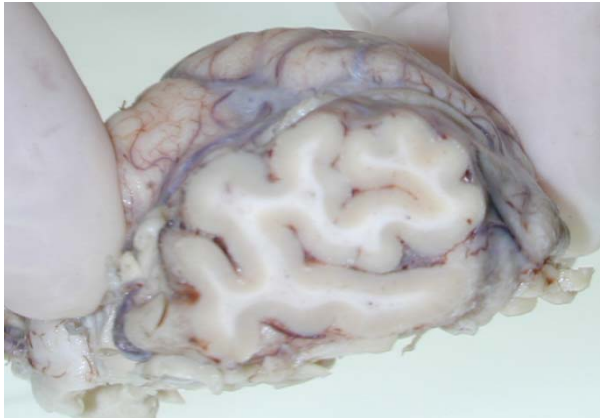


Fig. 3 Parietal cortex section (PRCX - **B**)

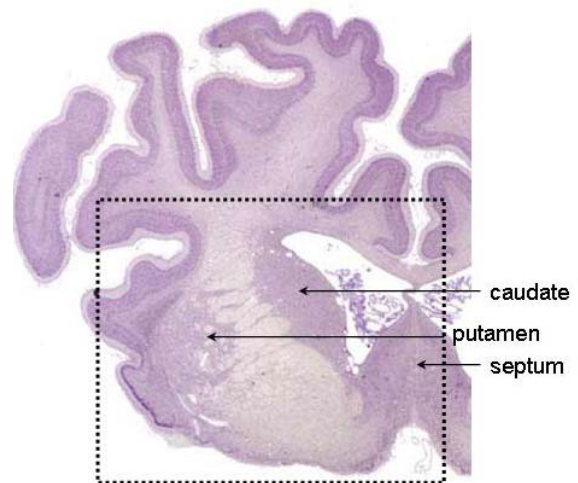
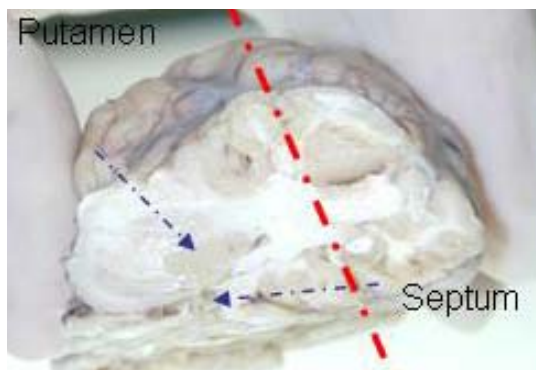


Fig. 4 Cortex removed from the brainstem

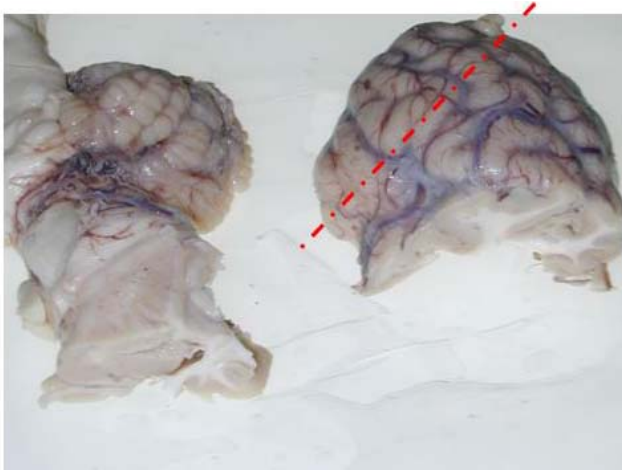


Fig. 5 Hippocampus section (HIP **C** and **D**)

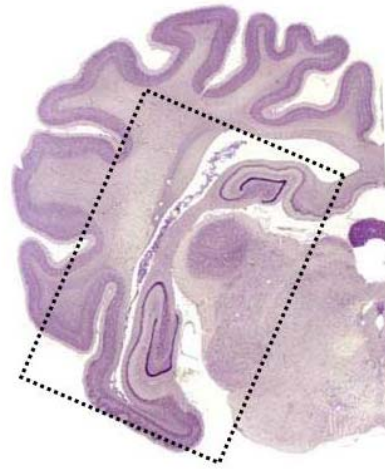
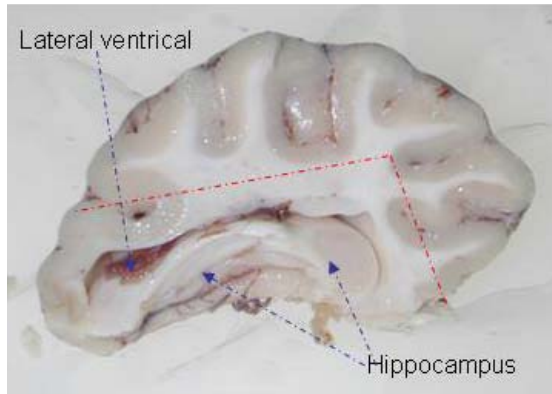


Fig. 6 Cerebellum removed from the brainstem

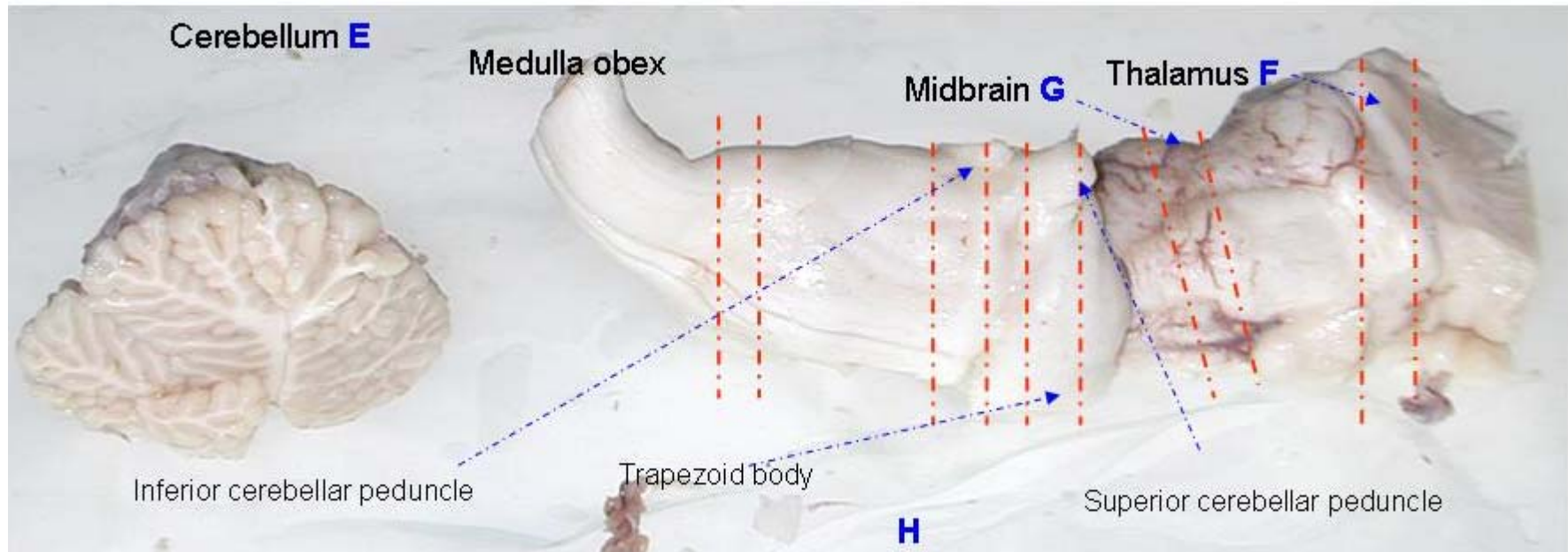


Fig. 7 Thalamus section (THAL - F)

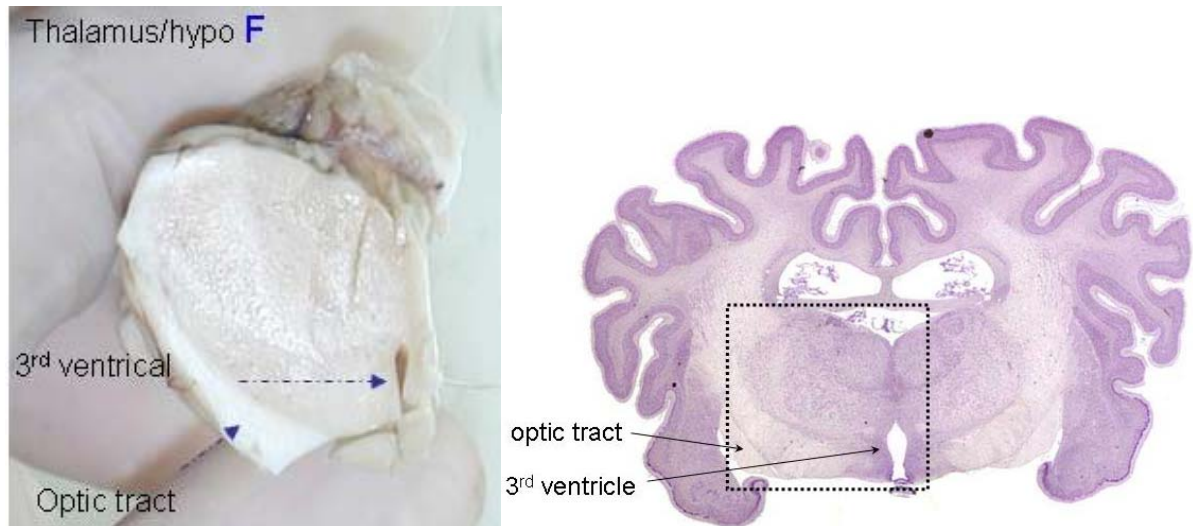


Fig. 8 Midbrain section (MIDB - G)

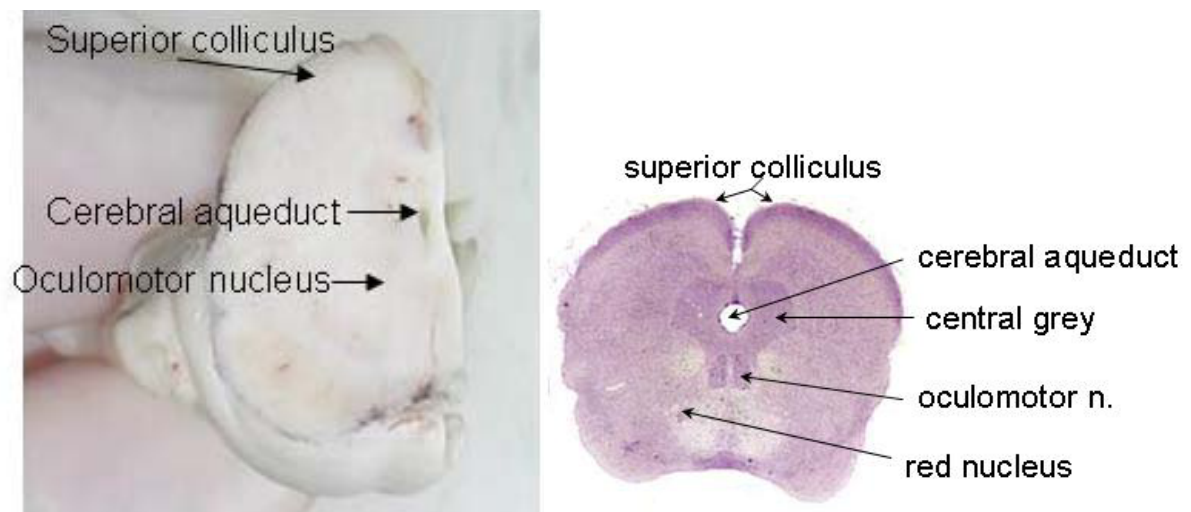


Fig. 9 Pons section (PONS - H)

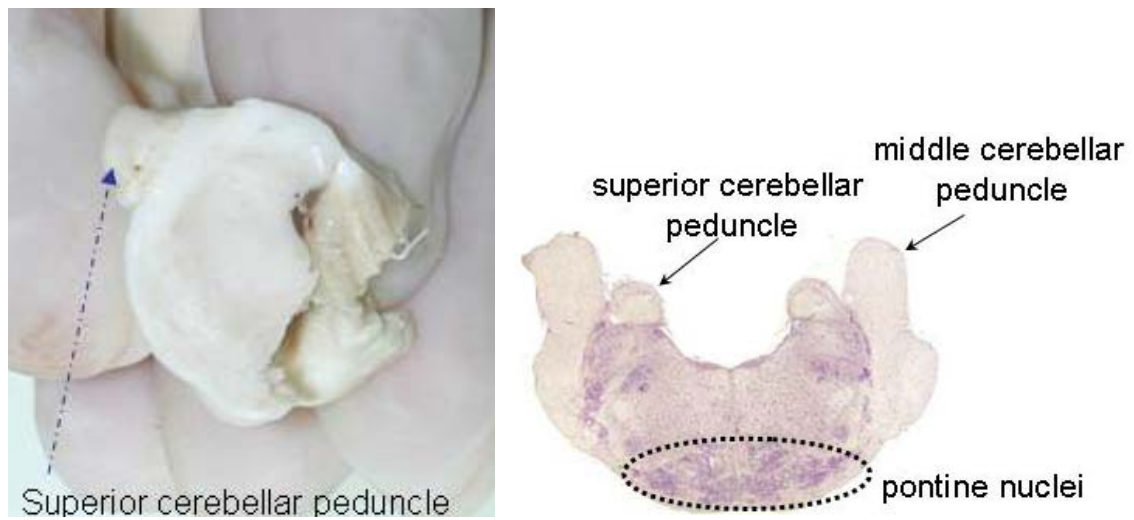


Fig. 10 Medulla at the point of the cerebellar peduncle (beginning to cut the final obex section) (MED - H)

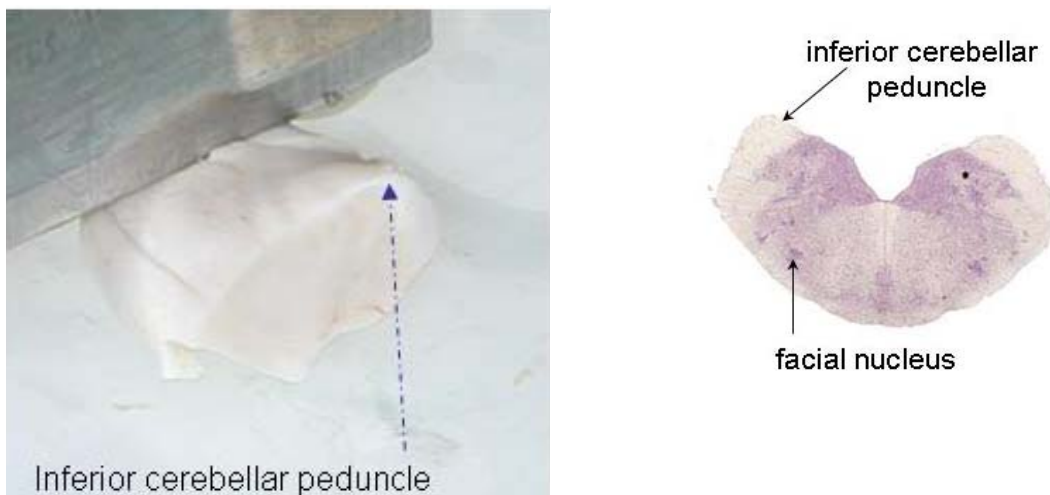


Fig. 11 Medulla at the point of the obex (OBEX - H)

