

Response to Journal Club Article

We thank Dr. Creminara for choosing our manuscript (Horn et al. 2010) for critical review. The review is carefully done and proposes interesting hypothetical possibilities for additional study. Many of the behavioral deficits that we observed may have been due to involvement of more than one IO subdivision (we tried to make this clear in the article). However, the author should not be surprised about some inconsistencies with commonly held opinions of modular function – that is the purpose of experimentation. Also, the author needs to be cautious when comparing behavioral effects of temporary IO inactivations with those produced by lesion. IO lesions produce complex behavioral effects that are not stationary with time and are very different from effects seen shortly after inactivation (Horn et al. SFN abstract 2010). Yes, our conclusions are premature; hopefully they will become less premature as we learn more about the cerebellum and inferior olive.