

THESIS STATEMENTS

related to 'Impact of Signaling and Plasticity on Cerebellar Function and Memory Formation'

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1. Endocannabinoids are not only involved in short-term plasticity, but they also direct long-term plasticity at the PF-PC synapse. - *this thesis*
2. In concert with the spatiotemporal activity patterns in the granular layer, the poor signaling dynamics at the PF-PC synapse perform perfectly as a low-pass noise filter. - *this thesis*
3. The classic *Marr-Albus-Ito* hypothesis cannot explain cerebellar memory formation. - *this thesis*
4. Ampakines possess the potential to benefit cerebellar learning. - *this thesis*
5. The widespread influence of CF activity on plasticity at multiple sites within the cerebellar network allows it to shape memory. – *this thesis*
6. 'I have very simple taste; the best is good enough.' - *adapted from Oscar Wilde*
7. 'Cycle tracks will abound in Utopia.' – H.G. Wells
8. Also to forget is part of learning, I remind myself... and again... and again... and again
9. Momentarily, the scientific field shows a disturbing resemblance to professional road cycling; the lack of an effective supervising authority creates and sustains a system in which competing at the highest level can only be achieved by cheating.
10. It makes one wonder why brilliant scientists keep relying on some breweries' quality control test to validate their hypothesis.
11. 'More data, more knowledge... (*deep sigh*).' John I. Simpson