

## Role of Calcium in Cerebellar Learning and Function

1. Half of the neurons in our brain are required not merely to perform, but to stabilize sophisticated memories. (this thesis)
2. A single form of synaptic plasticity is by no means the Holy Grail for explaining how the cerebellum encodes learning. (this thesis)
3. Inhibition is essential for proper cerebellar learning. (this thesis)
4. The remarkable role of CaMKII in adjusting synaptic strength makes it a star molecule in the brain. (this thesis)
5. Overdone is as bad as underdone, which is true for both philosophy and for calcium homeostasis. (this thesis)
6. Experimental confirmation of a prediction is merely a measurement. An experiment disproving a prediction is a discovery. (Enrico Fermi)
7. Science can be a hobby, a job or a career; starting a PhD makes all possible.
8. Every cell is an opportunity. (Mandy Rutteman)
9. The words of truth are always paradoxical. (Lao zi)
10. If the human brain were so simple that we could understand, we would be so simple that we couldn't. (Emerson M. Pugh)
11. Only patch clampers will understand why sucking a syringe can be extremely exciting.