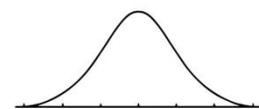


## PROPOSITIONS

### - Neuronal Pathways for Cerebello-Cerebral Communication -

1. The pathway from the cerebellar nuclei to the cerebral cortex crosses thalamic and extra-thalamic targets.  
-This thesis-
2. Cerebello-Thalamo-Cortical spike transfer in ventro-lateral thalamic nucleus is mediated by driver-type inputs from the cerebellum and modulatory feedback from motor cortical layer six.  
-This thesis -
3. Optogenetics have been a game changer in the neurosciences, yet they have to be used with great scientific expertise.  
-This thesis-
4. Increased axonal connectivity due to RHEB/mTOR-hyperactivity drives the development of epileptic seizures.  
-This thesis -
5. Direct cerebro-cerebellar connectivity provides an alternative route for cerebro-cerebellar communication.  
-This thesis –
6. Everything is relative, except the infinite.  
Duc de Levis
7. We know that we know nothing.  
Socrates
8. Alone we can do so little, together we can do so much.  
Helen Keller
9. In the middle of difficulty lies opportunity.  
Albert Einstein
10. Be yourself, everyone else is already taken.  
Oscar Wilde



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