

1. Our actions are continually supervised by the cerebellar Purkinje cells. – this thesis
2. Simple spike activity can reflect a representation of multiple motor behaviours. – this thesis
3. During unperturbed rhythmic behaviours simple spike modulation does not affect movement. – this thesis
4. Environmental conditions enable complex and simple spike activity to adapt movement. – this thesis
5. Purkinje cells affect whisking and breathing via simple spike facilitation. – this thesis
6. Purkinje cell potentiation is a crucial cellular mechanism sustaining simple spike facilitation. – this thesis
7. Adaptation operated by simple spike facilitation is required for fast sensorimotor integration. – this thesis
8. “The important thing is to never stop questioning.” – Albert Einstein
9. I do not refuse my dinner because I do not fully understand the process of digestion – adapted from Oliver Heaviside
10. “One, remember to look up at the stars and not down at your feet; two, never give up work, work gives you meaning and purpose and life is empty without it; three, if you are lucky enough to find love, remember it is there and don't throw it away.” — Stephen Hawking
11. The small brother is watching you!