

Stellingen:

1. The cerebellar cortex, although often treated as such, is not homogeneous. (this thesis)
2. Climbing Fiber Input Dominates Reciprocity of Complex-Spike and Simple-Spike Firing. (this thesis)
3. Direction-selective information is used by the cerebellum for the adaptation of a wide variety of movements. (this thesis)
4. Directionality is an inherent feature of the compensatory eye movement system and manifests in the lateralization of the cerebellum, the zonation of the flocculus, and the spiking patterns of Purkinje cells. (this thesis)
5. Eye movements and the magnitude of their adaptation depend on the direction of movement and potentiation of simple spike firing plays a major role in increasing the gain. (this thesis)
6. OKR and VVOR following binocular and monocular direction-specific stimulation lead to differential multi-sensory integration in the flocculus and, ultimately, different eye movements. (this thesis)
7. The interval of a single night will greatly increase the strength of the memory. (Quintilian, AD 95)
8. [One] can, if he so desires, become the sculptor of his own brain. (Santiago Ramon y Cajal, 1923)
9. I like nonsense; it wakes up the brain cells. (Dr. Seuss, 1954)
10. Behavior is shaped and maintained by its consequences. (Burrhus F. Skinner, 1971)
11. Consciousness is the appearance of a world. (Thomas Metzinger, 2009)