

Stellingen behorende bij het proefschrift

Principles of generalization for sensorimotor cerebellar learning

1. Mice show a strong generalization of eyelid responses during Pavlovian eyeblink conditioning using a tone as conditional stimulus.
2. Effects of generalization during classical conditioning are specific following either differential or non-differential training. However, these differences are evident within measures of probability, amplitude and timing to the peak latency but not onset.
3. The level of generalization in mice is affected when unexpected stimuli are presented during training of eyeblink CRs.
4. The formation of early cerebellar sensorimotor function depends on development of Zebrin-like differentiation of Purkinje cells within the cerebellar cortex.
5. Many pathological features can be present prior to apparent ataxic disease phenotype. Treatment of the specific pathology prior to its appearance should be a goal for treatment of diseases like spinocerebellar ataxia (SCA).
- 6 We name time when we say: every thing has its time. This means: everything which actually is, every being comes and goes at the right time and remains for a time during the time allotted to it. Every thing has its time. (Martin Heidegger)
- 7 The major difference between rats and people is that rats learn from experience. (Burrhus Frederic Skinner)
- 8 The saddest aspect of life right now is that science gathers knowledge faster than society gathers wisdom. (Isaac Asimov)
- 9 A scientist in his laboratory is not a mere technician: he is also a child confronting natural phenomena that impress him as though they were fairy tales. (Marie Salomea Skłodowska–Curie)
- 10 Any man could, if he were so inclined, be the sculptor of his own brain. (Santiago Ramon y Cajal)
- 11 Ma non ti rendi conto di quant'è bello? Che non ti porti il peso del mondo sulle spalle, che sei soltanto un filo d'erba in un prato? (Zerocalcare)