

Stellingen behorende bij het proefschrift:

**Modulation of Synaptic Transmission by Metabotropic Glutamate Receptors and Endocannabinoid Signaling**

1. The suppression of PTZ-induced seizures is mediated via both mGluR1 and mGluR5 receptors.  
*Dit proefschrift*
2. Administration of mGluR1 antagonist in the course of kindling development or, alternatively, prior to each learning session in the shuttle-box improves learning performance in kindled animals.  
*Dit proefschrift*
3. Repeated 'chronic' inhibition of group I mGluRs during kindling development prevents an enhancement of LTP, whilst a single, acute application of group I antagonists just before LTP recording has no effect.  
*Dit proefschrift*
4. Climbing fiber activity suppresses the induction of presynaptic parallel fiber-LTP at the parallel fiber-Purkinje cell synapses.  
*Dit proefschrift*
5. Climbing fiber activity, which promotes the induction of postsynaptic parallel fiber-LTD, provides a 'safety lock' to prevent simultaneous presynaptic LTP induction.  
*Dit proefschrift*
6. Whatever you do will be insignificant, but it is very important that you do it.  
*Mahatma Gandhi (1869-1948)*
7. The brain is a wonderful organ. It starts working the moment you get up in the morning and does not stop until you get into the office.  
*Robert Frost (1874-1963)*
8. I can believe anything, provided that it is quite incredible.  
*Oscar Wilde (1854-1900)*
9. All you need in this life is ignorance and confidence; then success is sure.  
*Mark Twain (1835-1910)*
10. The power of accurate observation is commonly called cynicism by those who have not got it.  
*George Bernard Shaw (1856-1950)*
11. As one thinks, so does one become.  
*Sri Ramakrishna Paramahansa (1836-1886)*

*Raghavendra Yelahanka Nagaraja, Rotterdam, 27 September 2006*