

Stellingen behorende bij het proefschrift
'Pain Related Inhibition by GABA and Glycine in the Rat Spinal Cord'

- 1 Inhibitory neurons in the spinal cord are activated in acute, chronic inflammatory and neuropathic pain states (*this thesis*).
- 2 Chronic pain states result in sensitization of inhibitory neurons located on the contralateral side of the spinal cord (*this thesis*).
- 3 In situ hybridization (ISH) is the method of choice for identifying glycinergic and GABAergic neurons (*this thesis*).
- 4 Arc/Arg3.1 dependent long-term memory formation is not present in spinal nociceptive projection neurons, and spinal glycinergic and GABAergic neurons (*this thesis*).
- 5 There is a new ascending glycinergic and GABAergic projections from the spinal cord to the Rostral Ventromedial Medulla (*this thesis*).
- 6 Medical students should be allowed to enroll into the Master of Neuroscience program only if they have provided proof for a genuine interest in neuroscience.
- 7 Somatic pain is important for survival, emotional pain is important for sublimation.
- 8 More than 80% of the work that is presented in a PhD thesis must have been performed by the PhD student himself.
- 9 Human consciousness will eventually be unraveled by science but science will not be able to create it.
- 10 It is untrue that we humans only use 20% of our brains, except for PhD students who are entangled in successive series of failed experiments, resulting in progressive devolution of their brains.
- 11 Knockout mice: for some they are scientific jigsaw puzzles, for some they are the key to Nature, and for some they are literally the 'knockout'.