

Stellingen behorende bij het proefschrift:

**Cytoskeletal dynamics in and traumatic injury of
cerebellar and hippocampal neurons**

1. Improved comprehension of the physiological and pathological mechanisms taking place at the cellular level in neurons and glia can be greatly assisted by *in vitro* experimentation.
Dit proefschrift
2. Two mild injuries to cultured hippocampal cells cause additive, and possibly even synergistic, damage.
Dit proefschrift
3. Cerebellar Purkinje cells are highly vulnerable to traumatic injury and to glutamate-mediated excitotoxicity.
Brorson et al. (1994) J Neurosci 14: 187-197.
Dit proefschrift
4. NSE and S-100 β , two clinical markers of brain damage, can also indicate cellular damage *in vitro*.
Dit proefschrift
5. The homozygous deletion of CLIP-115 in mice reproduces some of the unique neurobiological features of Williams Syndrome.
Hoogenraad et al. (2002) Nat Genet 32: 116-127.
Dit proefschrift
6. Attention is not acceptance; many editions do not mean real success.
*from the Athenaeum, commenting on Charles Darwin's
(1809-1882) Origin of Species (Fifth Edition)*
7. The human brain is a world consisting of a number of explored continents and great stretches of unknown territory.
Santiago Ramón y Cajal (1852-1934)
8. The brain of our species is, as we know, made up largely of potassium, phosphorus, propaganda and politics, with the result that how not to understand what should be clearer is becoming easier and easier for all of us.
James Thurber (1894-1961)

9. In the pursuit of knowledge, everyday something is added; in the pursuit of the Tao, everyday something is dropped.

Tao Te Ching

10. Neither data gathered in one brain region, nor experiences gathered in one country, can necessarily be extrapolated to the next.

11. The writer is an explorer; every step is an advance into a new land.

Ralph Waldo Emerson (1803-1882)

I celebrate myself,
And what I assume you shall assume,
For every atom belonging to me as good belongs to you.

*Walt Whitman (1819-1892), Song of Myself,
Leaves of Grass, 1855*

Jennifer E. Slemmer, Rotterdam, 16 februari 2005