

## STELLINGEN BEHOREND BIJ HET PROEFSCHIFT

### **Vascular pharmacology of migraine and preeclampsia: Problems of the fair sex**

1. *In human meningeal artery there is a homogeneous CGRP receptor population whereas in coronary artery the population is heterogeneous. Thus, this might offer a more selective approach to target CGRP receptors in meningeal arteries. This thesis*
2. *Capsaicin relaxes human and porcine coronary arteries by a CGRP-independent mechanism. This thesis*
3. *Treatment with 17 $\beta$ -estradiol increases vasodilatation induced by periarterial electrical stimulation in ovariectomized rats, underlining the relevance of female steroids in the pathogenesis of migraine. This thesis*
4. *In preeclampsia, 5-HT<sub>1B/1D</sub> receptor development in umbilical cord artery is expedited which might contribute to fetal distress. This thesis*
5. *Ketanserin treatment of preeclamptic women does not affect the 5-HT receptor profile in the umbilical cord artery. This thesis*
6. *A disturbed balance between the genomic and non-genomic effects of female sex steroids may underlie the pathogenesis of menstrual migraine. (Welch et al, 2006)*
7. *To develop a more predictive animal model for migraine, neuronal and vascular parameters should be simultaneously indexed and interpreted.*
8. *In this ever shrinking world interaction between people from different cultures are more frequent and confrontations between them are inevitable, unless we follow the principles of Vasudev kumbh (Universe as one family) and assimilation.*
9. *Weak immigrants blame their failure on discrimination, weak natives attribute their lack of success to the lack of integration of immigrants, but it is simply Survival of the Fittest.*
10. *Knowing Sjonnie and Anita is as important as learning Dutch to integrate and appreciate Dutch culture.*
11. *Food is the only beautiful thing that nourishes. (Movie: Autumn in New York)*