Stroke and migraine: Translational studies into a complex relationship

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STELLINGEN

Behorende bij het proefschrift

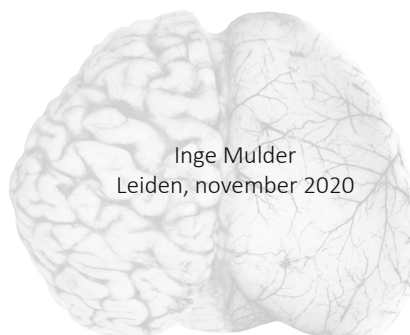
STROKE & MIGRAINE

Translational studies into
a complex relationship

1. Tissue harvesting and handling is an often ignored but perhaps the most important aspect of Mass Spectrometry Imaging experiments. *(This thesis)*
2. Reproducible automated computational image processing is essential to analyze experimental stroke data in an unbiased manner. *(This thesis)*
3. The vasculature should be considered as the MVP (Most Valuable Player) in the stroke-migraine comorbidity. *(This thesis)*
4. Current pre-clinical stroke studies are compromised by lack of reproducibility which decreases their (translational) value. *(This thesis)*

5. Ischemia not only causes spreading depolarization, but it is also its consequence through inverse neurovascular coupling. *(Dreier et al. Neuropharmacology 2017)*
6. The clinical observation that migraine is associated with monogenetic cerebral small vessel diseases indicates that vascular changes increase susceptibility to migraine. *(Stam et al. Cephalalgia 2009)*
7. To develop an effective neuroprotective strategy against ischemic brain injury, it is better to first identify key molecules involved in the onset and progression of the infarct, instead of a trial-and-error approach. *(Koizumi et al. Neuroscience 2010)*
8. Publication of negative findings at both the exploratory and confirmatory stage of (pre-) clinical research is critical to understand the entire research landscape and will decrease the translational gap in stroke research. *(Bosetti et al. Stroke 2017)*

9. Humor is by far the most significant activity of the human brain, so use it.
(naar Edward de Bono, 1933 – present)
10. Never let one's self be beaten down by persons or events, just keep swimming.
(naar Marie Curie, 1867 – 1934)
11. Don't wait till the storm has passed, but learn how to dance in the (b)rain.
(Anonymous)



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