

Stellingen

behorende bij het proefschrift

‘Genetics of Dementia with Lewy Bodies’

1. Patients with dementia with Lewy bodies (DLB) and a positive family history of dementia or Parkinson’s disease (PD) have a different phenotype than DLB patients without a positive family history of these diseases. (*this thesis*)
2. Different subgroups may be identified within the DLB population: patients with a phenotype which more closely resembles PD, with possibly underlying PD-associated genetic factors, and patients with a phenotype which more closely resembles Alzheimer’s disease (AD), with possibly underlying AD-associated genetic factors and mixed neuropathology. (*this thesis*)
3. The *APOE* $\epsilon 4$ allele and disease-associated variants in *GBA* are important genetic factors associated with familial DLB and DLB with a rapidly progressive disease course. (*this thesis*)
4. Rare, disease-associated *LRP10* variants may not only be associated with DLB, but also with other neurodegenerative diseases. (*this thesis*)
5. VGF, SCG2, NPTX2, NPTXR, PDYN and PCSK1N are candidate CSF biomarkers for DLB and show promise to increase the diagnostic accuracy of the disease. (*this thesis*)
6. Despite heterogeneous clinical and pathological expressions, common features have been recognized in many neurodegenerative disorders which provide evidence of their convergence. (*Habib et al., Curr Genomics, 2018*)
7. The suspected complexity of networks causing neurodegenerative diseases points at the necessity of controlling multiple mechanisms simultaneously to fight against these overwhelming disorders. (*Clarimon et al., Neuropharmacology, 2020*)
8. While stress hormones primarily act to maintain homeostasis by inducing physiological and behavioral adaptation, prolonged exposure to stress may result in neuro- and psychopathology. (*Vyas et al., Neural Plast, 2016*)
9. The progress that science is making is not progress on a path that was set before, but on a path that scientists prefer to carve out. (*Dehue, Betere mensen, 2014*)
10. It’s not what you look at that matters, it’s what you see. (*Henry David Thoreau*)
11. Happiness is not a destination, it is a way of life.

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