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Ocular inflammation in age-related eye diseases

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STELLINGEN

behorende bij het proefschrift

1. In uveal melanoma, the presence of an immune infiltrate is associated with a bad prognosis. (*This Thesis*)
2. The presence of an immune infiltrate is especially a consequence of the primary tumor characteristics and not of irradiation. (*This Thesis*)
3. Glaucomatous neurodegeneration is mediated in part by T cells that have been pre-sensitized by exposure to commensal microflora. (*This Thesis*)
4. T cell-mediated responses in the pathogenesis of neural ischemia may reveal a potential novel therapeutic strategy for limiting or preventing neuron and function loss in the currently untreatable condition of ischemic optic neuropathy. (*This Thesis*)
5. "The free radical theory of aging" implicates that reactive free radicals are formed endogenously via normal oxygen-utilizing metabolic processes and that tissue damage induced by free-radicals is progressively accumulated during aging. (*D. Harman, Proceedings of the National Academy of Sciences of the United States of America. 1981*)
6. In the presence of accumulating tissue stress/injury and risk factors associated with aging, chronic microglial activation in the neuroretina may result in dysfunction of their regulatory activity, leading to innate and adaptive cytotoxicity. (*R. Ransohoff, Annual review of immunology. 2009*)
7. (Low-grade) para-inflammation may increase and evolve into a chronic (maladaptive) classical inflammatory response, which contributes to the initiation and progression of age-related diseases. (*H. Xu, Progress in Retinal and Eye Research. 2009*)
8. An improved understanding of how tissue stress, neuronal injury, and glial responses during glaucomatous neurodegeneration orchestrate individual components of immunity can help to design immunomodulation-based treatment strategies. (*C. Luo. Invest Ophthalmol Vis Sci. 2010*)
9. Beter een benaderend antwoord op de juiste hypothese, die vaak vaag is, dan een exact antwoord op de verkeerde hypothese, die altijd nauwkeurig kan worden gemaakt. (*John Tukey, Statistician, 1962*)
10. Tijdens de vele stortbuien van tegenslagen tijdens een promotietraject, vergeet dan niet je glimlach te gebruiken als paraplu.