Familial Melanoma and Pancreatic Cancer: studies on genotype, phenotype and surveillance

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Stellingen behorend bij proefschrift:

Familial Melanoma and Pancreatic Cancer:

studies on genotype, phenotype and surveillance

1. Cancers of the head and neck region are an important component of the clinical phenotype of *CDKN2A*-p16-*Leiden* mutation carriers. *(this thesis)*

2. Tobacco use is a significant modifier of cancer risk in *CDKN2A*-p16-*Leiden* mutation carriers. *(this thesis)*

3. Cystic precursor lesions of pancreatic cancer appear to have a higher malignant potential in *CDKN2A*-p16-*Leiden* mutation carriers than in individuals from FPC families. *(this thesis)*

4. A total pancreatectomy should be considered in *CDKN2A*-p16-*Leiden* mutation carriers diagnosed with an early-stage pancreatic cancer. *(this thesis)*

5. The diagnostic performance of the *CDKN2A*-p16-*Leiden* surveillance program for pancreatic cancer might be improved by the future implementation of a proteomic-based biomarker test. *(this thesis)*

6. Referral criteria for *CDKN2A* diagnostics should be based primarily on clinical prediction models such as *CM-Score*. (*this thesis*)

7. Mutations in genes involved in telomere integrity (*POT1, TERF2IP, ACD, TERT*) are minor contributors to the heritability of melanoma in the Dutch population. (*this thesis*)

8. A careful family history often tells us more about a patient's cancer risk than a genetic test result.

9. Improved survival is the most important, but certainly not the only parameter that determines whether a cancer surveillance program can be considered a success.

10. The advantages of multigene panel testing for hereditary cancer do not always outweigh the possible disadvantages.

11. Clinical guidelines should never replace clinical judgement.

12. Doing PhD research is 2% inspiration and 98% perspiration. *(adapted from Thomas A. Edison)*

13. Everything you can imagine is real. In science, however, what turns out to be real is not always easily imaginable beforehand. *(adapted from Pablo Picasso)*

Thomas Potjer, 29 mei 2019