

# STELLINGEN

Behorende bij het proefschrift

## Adrenal Tumours: Histopathological and Molecular Genetic Perspectives

1. Germline *SDH* mutations expand the familial spectrum of pituitary adenomas comprising familial isolated pituitary adenoma (FIPA), Carney complex, MEN type 1 and MEN type 4. **(dit proefschrift)**
2. Pancreatic neuroendocrine tumour falls within the succinate dehydrogenase (SDH)-related tumour spectrum. **(dit proefschrift)**
3. SDH-deficient renal carcinoma is a rare and unique type of renal carcinoma, exhibiting stereotypical morphologic features in the great majority of cases and displaying a strong relationship with germline *SDH* mutation. **(dit proefschrift)**
4. Telomerase reverse transcriptase (*TERT*) promoter mutations occur, albeit rarely, in adrenal cortical carcinomas and extra-adrenal paragangliomas of the urinary bladder. **(dit proefschrift)**
5. Novel digital microscopy-enabled methods could provide critical aid in determining accurately the Ki67 labelling index in adrenocortical cancer and as such reducing variation, increasing reproducibility and improving reliability in the clinical setting. **(dit proefschrift)**
6. The complete genomic landscape of pheochromocytoma/paraganglioma is mainly driven by distinct germline and/or somatic mutations in susceptibility genes and reveals different molecular entities, characterized by a set of unique genomic alterations. **(Castro-Vega et al. Nat Commun 2015)**
7. The SDH mutation database offers a valuable tool and resource for clinicians involved in the treatment of patients with paraganglioma-pheochromocytoma, clinical geneticists needing an overview of current knowledge, and geneticists and other researchers needing a solid foundation for further exploration of both these tumour syndromes and SDHA-related phenotypes. **(Bayley et al. BMC Med Genet 2005)**
8. The location of mutations in the *TERT* promoter, rather than the coding region of the gene, creating additional binding sites for transcription factors, represents also a novel mechanism of genetic activation in cancer. **(Vinagre et al. Nat Commun 2013)**
9. There are in fact two things, science and opinion; the former begets knowledge, the latter ignorance. **(Hippocrates)**
10. The task of science is to stake out the limits of the knowable, and to center consciousness within them. **(Rudolf Virchow)**
11. He who is not contented with what he has, would not be contented with what he would like to have. **(Socrates)**

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