

Propositions

Belonging to this thesis

Biomarkers in the detection and classification of cervical and anal intraepithelial neoplasia

1. The fraction of urine is more important than timing when using urine for HPV-testing in cervical cancer screening - *This thesis*
2. Triage based on the combination of HPV16/18 and FAM19A4/miR124-2 methylation analysis opens the possibility of rapid treatment for triage-positive women and follow-up for triage-negative women with potentially regressive, less advanced lesions - *This thesis*
3. hrHPV genotypes found on brush-based self-sample are a good representation of the causative hrHPV in the worst CIN lesion - *This thesis*
4. Combined p16/E4 immunohistochemistry identifies productive and non-productive HSIL associated with hrHPV, providing information beyond supporting current grading practice - *This thesis*
5. Extensively p16 positive, E4 negative lesions in patients with a methylation positive cervical cytology sample are more often \geq HSIL/CIN3 lesions and most likely represent advanced transforming lesions that require treatment - *This thesis*
6. Immunohistochemistry has a strong role in the development of personalised medicine in the future – *E. Kalampokas et al, Gynecol Oncol 2018*
7. With high-coverage screening and vaccination, cervical cancer should be eliminated before the end of the century – *K.T. Simms et al, Lancet Oncology 2018*
8. Clinicians must actively participate in developing new models of care that are possible with Artificial Intelligence - *E. Coeira, Lancet 2018*
9. Just because someone expresses interest in viewing data, their ability to make sense of the information should not be assumed – *S. Woloshin et al, J Gen Intern Med 2005*
10. The best way to predict the future is to invent it – *A. Kay*
11. Het is moeilijk tevreden te blijven – *Jaime Infante Ferreira*

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March 4, 2020