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Diagnosis and post-treatment monitoring of schistosomiasis in endemic and non-endemic settings by quantification of schistosome circulating anodic antigen

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Stellingen behorende bij het proefschrift:

Monitoring schistosomiasis in endemic and non-endemic settings by circulating anodic antigen detection

1. CAA is an excellent diagnostic marker for demonstrating active *Schistosoma* infections. [this thesis]
2. In schistosomiasis endemic areas, a single praziquantel treatment is not always sufficient to kill all schistosome worms carried by an infected person. [this thesis]
3. Since praziquantel targets adult worms, its efficacy should be determined by measuring worm antigens instead of eggs (which are usually used as a proxy for worm burden). [this thesis]
4. There is no ‘one size fits all’ test for schistosomiasis. Which type of diagnostic test is most suitable depends on the required accuracy as well as the setting in which the test is applied (e.g. to determine the need for mass drug administration in an endemic setting or individual diagnosis and treatment monitoring in a non-endemic setting). [this thesis]
5. Timing and frequency of post-treatment sampling is important to understand the epidemiological dynamics of schistosomiasis, as also demonstrated in modeling studies from Clark et al. [Clark et al., PLoS Negl Trop Dis. 2019]
6. For interruption of transmission and eventually elimination of schistosomiasis, targeted preventive chemotherapy combined with the application of highly sensitive diagnostic tools is crucial. [Amoah et al., Lancet Infect Dis. 2020]
7. Access to clean water, sanitation and hygiene can prevent many neglected tropical diseases.
8. If your business success relies on your ability to work successfully with people from around the world, you need to have an appreciation for cultural differences as well as respect for individual differences. Both are essential. [Erin Meyer]
9. Vriendelijke woorden zijn als honing voor de ziel en als medicijn voor het lichaam. [Spreuken 16:24]
10. If you want to go fast, go alone, if you want to go far, go together. [African Proverb]
11. Writing a thesis can seem impossible, until you have actually achieved it. [after Nelson Mandela]