CONTENTS

Chapter 1  General introduction

Part one:  Increasing the screening coverage

Chapter 2  Brush-based self-sampling in combination with GP5+/6+-PCR-based hrHPV testing: high concordance with physician-taken cervical scrapes for HPV genotyping and detection of high-grade CIN.  

Chapter 3  A second generation cervico-vaginal lavage device shows similar performance as its preceding version with respect to DNA yield and HPV DNA results.  
BMC Womens Health 2013; 13:21

Part two:  Management of hrHPV positive women

Chapter 4  Primary hrHPV DNA testing in cervical cancer screening: how to manage screen positive women? A POBASCAM trial sub study.  
Cancer Epidemiology, Biomarkers & Prevention 2014; 1:55-63

Chapter 5  CIN3 and cancer risks after primary HPV DNA testing and cytology triage in cervical cancer screening: fifteen years follow-up of a randomized controlled trial.  
Submitted for publication

Part three:  Accurate diagnosis of screen-positive women

Chapter 6  p16\textsuperscript{INK4a} immunostaining as an alternative to histology review for reliable grading of cervical intraepithelial lesions.  
Journal of Clinical Pathology 2010; 11: 972-977

Part four:  The time has come to start implementation

Chapter 7.1  Cervical cancer screening: on the way to a shift from cytology to full molecular screening.  
Annals of Oncology 2014; 00:1-9

Chapter 7.2  Discussion, key-messages and future perspectives.

Chapter 8  Summary & Samenvatting

Appendices  List of publications  
Dankwoord  
About the author