Table of Contents

Chapter 1  Introduction and outline of the thesis 9

Chapter 2  Epstein-Barr virus DNA load in nasopharyngeal brushings and whole blood in nasopharyngeal carcinoma patients before and after treatment  

Chapter 3  Circulating Epstein-Barr virus miR-BART13 as a promising tumor marker for non-invasive early detection of nasopharyngeal carcinoma  
Submitted 55

Chapter 4  Epstein-Barr virus mRNA profiles and viral DNA methylation status in nasopharyngeal brushings from nasopharyngeal carcinoma patients reflect tumor origin  
Int J Cancer 2017;140(1):149-62 83

Chapter 5  Quantitative multi-target RNA profiling in Epstein-Barr virus infected tumor cells  
J Virol Methods 2017;241:24-33 111

Chapter 6  Curcumin analogs as putative Epstein-Barr virus lytic activators for adjuvant treatment in carcinomas  
Submitted 141

Chapter 7  General discussion and future perspectives 169

Chapter 8  Summary 191

Nederlandse Samenvatting 193

Acknowledgements 195

Curriculum vitae 197

List of publications 199