

	List of abbreviations	
Chapter 1	General introduction and outline of the thesis	
Chapter 2	Intraprostatic testosterone and dihydrotestosterone. Part I: concentrations and methods of determination in men with benign prostatic hyperplasia and prostate cancer. (<i>BJU Int</i> 2012; 109: 176-82)	
Chapter 3	Intraprostatic testosterone and dihydrotestosterone. Part II: concentrations after androgen hormonal manipulation in men with benign prostatic hyperplasia and prostate cancer (<i>BJU Int</i> 2012; 109: 183-8)	
Chapter 4	Lower testosterone levels with luteinizing hormone-releasing hormone agonist therapy than with surgical castration: new insights attained by mass spectrometry (<i>J Urol</i> 2012; 187: 1601-6)	
Chapter 5	Treatment with luteinizing hormone-releasing hormone antagonists: is serum testosterone reduction the only mechanism? (<i>J Drug Res Dev</i> 2016; 2: doi http://dx.doi.org/10.16966/2470-1009.117)	
Chapter 6	Relationship between body mass index and serum testosterone concentration in patients receiving luteinising hormone-releasing hormone agonist therapy for prostate cancer (<i>Urology</i> 2013; 81: 1005-9)	
Chapter 7	Serum testosterone plays an important role in the metastatic ability of castration resistant prostate cancer (<i>World J Urol</i> 2012; 31: 261-6)	
Chapter 8	Risk of disease flare with LHRH-agonist therapy in men with prostate cancer: myth or fact? (<i>Urol Oncol</i> 2015; 33: 7-15)	
Chapter 9	Summarizing discussion and concluding remarks Dutch summary – Nederlandse samenvatting Acknowledgements – Dankwoord Curriculum Vitae List of publications	