

CONTENTS

Chapter 1	General introduction	7
Chapter 2	EFEMP1 induces γ -secretase/Notch-mediated temozolomide resistance in glioblastoma <i>Oncotarget. 2014 Jan 30;5(2):363-374</i>	29
Chapter 3	Identification of temozolomide resistance factors in glioblastoma via integrative miRNA/mRNA regulatory network analysis <i>Sci Rep. 2014 Jun 11;4:5260</i>	51
Chapter 4	Hydroxyurea sensitizes glioblastoma to temozolomide <i>Manuscript in preparation</i>	71
Chapter 5	A chemical screen for medulloblastoma identifies quercetin as a putative radiosensitizer <i>Manuscript submitted</i>	91
Chapter 6	WEE1 kinase inhibition enhances the radiation response of diffuse intrinsic pontine gliomas <i>Mol Cancer Ther. 2013 Feb;12(2):141-150</i>	113
Chapter 7	General discussion and future perspectives	131
Chapter 8	Summary	141
Chapter 9	Samenvatting	147
	List of publications	153
	Curriculum vitae	157
	Dankwoord	161

