

CONTENTS

Chapter 1	Introduction, aims and outline of thesis	9
Chapter 2	Study population, MRI studies & neuropsychological evaluation	19
Chapter 3	Brain development, intelligence and cognitive outcome in children born small for gestational age <i>Hormone Research in Paediatrics 2010; 73:6–14</i>	27
Chapter 4	Preparing children with a mock scanner training protocol results in high quality structural and functional MRI scans <i>European Journal of Pediatrics 2010; 169:1079-85</i>	39
Chapter 5	Global and regional differences in brain anatomy of young children born small for gestational age <i>Plos One 2011; 6(9):e24116</i>	51
Chapter 6	Resting state networks in awake five- to eight- year old children. <i>Human Brain Mapping 2011 epub ahead of print</i>	79
Chapter 7	Functional MRI in children born small for gestational age <i>Submitted</i>	99
Chapter 8	School progress, neuropsychological functioning and behaviour in term small-for-gestational age schoolchildren <i>Submitted</i>	119
Chapter 9	General discussion, conclusions and future perspectives	133
Chapter 10	Summary	149
	Nederlandse samenvatting	151
Chapter 11	Abbreviations	157
	Appendix	159
	References	161
	Author's affiliations	183
	List of publications	185
	Curriculum vitae	187
	Dankwoord	189