

TABLE OF CONTENTS

1.	General introduction	7
<i>Social behavior and psychopathology</i>		
2.	Social behavior and autism traits in a sex chromosomal disorder: Klinefelter (47XXY) syndrome	37
3.	Klinefelter's syndrome (karyotype 47,XXY) and schizophrenia-spectrum pathology	51
<i>Social cognition</i>		
4.	X Chromosomal effects on social cognitive processing and emotion regulation: a study with Klinefelter men (47,XXY)	63
5.	Social information processing in the schizophrenia spectrum: implicit attention to social signals	83
6.	What is said or how it is said makes a difference: role of the right fronto-parietal operculum in emotional prosody as revealed by repetitive TMS	103
7.	What it is said versus how it is said: Comprehension of affective prosody in men with Klinefelter (47,XXY) syndrome	121
<i>Neural basis of social cognition</i>		
8.	Effects of an extra X chromosome on language lateralization: an fMRI study with Klinefelter (XXY) men	137
9.	Neurobiology of emotion and high risk for schizophrenia: Role of the amygdala and the X chromosome	161

10.	Functional neuroimaging evidence for abnormal brain activation during social perception in a sex chromosomal disorder (Klinefelter syndrome, 47XXY)	193
11.	General discussion	213
	Summary	243
	Nederlandse samenvatting	255
	Curriculum Vitae	267
	List of publications	268
	Dankwoord	270