

TABLE OF CONTENTS

ACKNOWLEDGEMENTS	3
SUMMARY	7
ZUSAMMENFASSUNG	9
INTRODUCTION	11
SUMMARY OF PAPERS	14
SUMMARY OF PAPER 1	16
SUMMARY OF PAPER 2	18
SUMMARY OF PAPER 3	19
SUMMARY OF PAPER 4.....	20
OVERVIEW OF THE PAPERS.....	22
CONTRIBUTIONS OF THE THESIS	23
REFERENCES	26
FULL PAPERS.....	30
PAPER 1	31
PAPER 2	77
PAPER 3	98
PAPER 4	158
CURRICULUM VITAE.....	208