TABLE OF CONTENTS

		PAGE
I.	General Introduction	1
II.	Antidiuretic Hormone	6
	a. Historical background	6
	b. SON or PVN - Ultrastructure	9
	c. Mechanism of hormone synthesis	13
	d. Transport	14
	e. Storage	15
	f. Release	16
	g. Neurophysin	19
	h. Structure-activity relationship	23
III.	Physiological Regulation of ADH Release	29
	a. Osmoreceptor	30
	b. Volume receptor	33
IV.	Thirst and ADH	39
V.	Physiological Function of ADH	40
VI.	Pharmacological Action of ADH	47
VII.	Metabolism	48
VIII.	Measurement of ADH Level in Body Fluids	49
IX.	Pathophysiology	52
X.	Introduction to the Thesis	58
XI.	Methods	63
XII.	Results	81
XIII.	Discussion	115
XIV.	Conclusions	124
XV.	Bibliography	125