

CONTENTS

CHAPTER	PAGE
INTRODUCTION	01
I Materials and Methods	09
II Influence of Neurotransmitters on Tail Regeneration in the Lizard, <i>Hemidactylus flaviviridis</i>	14
III Chemical Sympathectomy with 6-Hydroxydopamine Enhances Tail Regeneration in the Lizard, <i>Hemidactylus flaviviridis</i>	21
IV Guanethidine-induced Sympathectomy Retards the Process of Tail Regeneration in the Lizard, <i>Hemidactylus flaviviridis</i>	29
V Adrenergic and Cholinergic Receptor Functions During Tail Regeneration in the Lizard, <i>Hemidactylus flaviviridis</i>	34
VI Glucocorticoid Involvement During Tail Regeneration in the Lizard, <i>Hemidactylus flaviviridis</i>	40
VII Catecholamines and Glucocorticoids Exert Inhibitory Effect on Tail Regeneration in the Lizard, <i>Hemidactylus flaviviridis</i> : Evidence from Combined Chemical Adrenalectomy and Sympathectomy	46
VIII Role of Calcium and Calmodulin in Modulation of Tail Regeneration in the Lizard, <i>Hemidactylus flaviviridis</i>	52
SUMMARY	62
GENERAL CONSIDERATIONS	66
BIBLIOGRAPHY	71