

# CONTENTS

CONTRIBUTORS . . . . .	vii
PREFACE . . . . .	ix
Age Changes in the Neuronal Microenvironment . . . . .	1
<i>William Bondareff</i>	
Neuronal Death as a Regulative Mechanism in the Control of Cell Number in the Nervous System . . . . .	19
<i>W. Maxwell Cowan</i>	
Neuronal Degeneration in Aging Mammals . . . . .	43
<i>Kalidas Nandy</i>	
Selected Changes in the Developing Postnatal Rat Brain . . . . .	63
<i>Donald H. Ford</i>	
Trophic Influences in the Mammalian Central Nervous System . . . . .	89
<i>John C. Eccles</i>	
Genesis of Neuronal Locus Specificity . . . . .	105
<i>Marcus Jacobson</i>	
Aging of the Vertebrate Brain . . . . .	121
<i>Harold Brody</i>	
Insults to the Brain: Differential Effects of Aging . . . . .	135
<i>Frederick Richardson</i>	
Neurochemical Patterns in the Developing and Aging Brain . . . . .	151
<i>Williamina A. Himwich</i>	
Mechanisms of Enzymatic Differentiation in the Brain and in Cultured Cells . . . . .	171
<i>Jean de Vellis</i>	
Monoamine Metabolism in the Aging Male Mouse . . . . .	199
<i>Caleb E. Finch</i>	