612.391 APP V.4

CONTENTS

PART REGULATORY ASPECTS OF APPETITE

1. Biological Bases of Sodium Appetite: Excitatory and inhibitory Factors	3
2. Metabolic Control of Calorie Intake	19
3. Nutritional Determinants of Alcohol Intake in C57BL/6J Mice	k39
Part I Discussion	
PART II HEDONIC ASPECTS OF APPETITE	
4. Fat and Sugar: Sensory and Hedonic Aspects of Sweet, High-Fat Foods	69
5. Human Salt Appetite	85
6. Sensory and Postingestional Components of Palatability in Dietary Obesity: An	
Overview	109
Part II Discussion	
PART III ACQUIRED PREKFERENCES	
9. Social Factors in Diet Selection and Poison Avoidance by Norway Rats: A Brief Revie	ew 177
10. Primate Gastronomy: Cultural Food Preferences in Nonhuman Primates and Origins	of
Cuisine	195
11. Innate, Learned, and Evolutionary Factors in the Hunger for Salt	211
12. Metabolic Basis of Learned Food Preferences	239
13. Protein- and Carbohydrate-Specific Cravings: Neuroscience and Sociology	261
Part III Discussion	
PART IV APPETITE DURING LIFE STAGES	
14. Suckling: Opioid and Nonopioid Processes in Mother-Infant Bonding	283
15. Chidren's Experience with Food and Eating Modifies Food Acceptance Patterns	303
16. Changes in Appetitive Variables as a Function of Pregnancy	325
17. Changes in Taste and Smell Over the Life Span: Effects on Appetite and Nutrition in	
the Elderly	341
18. Disturbances of thirst and Fluid Balance in the Elderly	367
Part IV Discussion	
PART V NEURAL INTEGRATION	
19. Neuroanatomical Bases of Cephalic Phase Reflexes	389
20. Neuroendocrine Activity During Food Intake Modulates Secretion of the Endocrine	
Pancreas and Contributes to the Regulation of Body Weight	405
21. Central Nervous System Pathways and Mechanisms Integrating Taste and the Autono	omic
Nervous System	427
22. Metabolic Influences on the Gustatory System	445
Past V Discussion	471
Index	477