

CONTENTS

Acknowledgments	ix
Preface	xi
Part I The Early Breakthroughs	1
Chapter 1 The Discovery of the Second Brain	2
Chapter 2 The Autonomic Nervous System and the Story of Chemical Neurotransmission	8
Chapter 3 The Turning Point	37
Chapter 4 The Workshop	57
Part II The Travelogue	81
Chapter 5 Beyond the Teeth: The Domain Stalked by Heartburn and Ulcer	82
Chapter 6 Onward and Downward	113
Chapter 7 “It Ain’t Over ’Til It’s Over”	145
Chapter 8 A Bad Bowel	176
Part III The Origin of the Second Brain and Its Disorders	189
Chapter 9 The Enteric Nervous System Now	190
Chapter 10 Immigrants and the Lower East Colon	236
Chapter 11 Location, Location, Location	275
Chapter 12 The State of the Bowel	306
Endnote: Animals in Biomedical Research	312