

Contents

Preface.....	vii
Editors.....	ix
Contributors.....	xi
Chapter 1	
Animal Models.....	1
Jann Hau	
Chapter 2	
Animal Models for Human Behavior.....	11
Steven J. Schapiro	
Chapter 3	
Animal Models for Psychological Disorders.....	29
Robert Murison and Anne Marita Milde	
Chapter 4	
Animal Models in Neuroscience.....	47
Jesper Mogensen	
Chapter 5	
Induced Animal Models of Parkinson's Disease.....	75
Gaynor A. Smith, E. Murphy, Stephen B. Dunnett, and Emma L. Lane	
Chapter 6	
Animal Models in Aging and Alzheimer's Disease.....	97
Yael H. Edrey and Rochelle Buffenstein	
Chapter 7	
Animal Models in Pain Research.....	123
Klas S. P. Abelson and John V. Roughan	
Chapter 8	
Animal Models in Pharmacology and Toxicology.....	149
Otto Meyer, Ove Svendsen, and Jens Lykkesfeldt	
Chapter 9	
Animal Models for Otolaryngological Disorders.....	185
Mikhail Wadie and Clarence T. Sasaki	

Chapter 10	
Animal Models of Lung Physiology during Anesthesia.....	207
Göran Hedenstierna, Görel Nyman, and Claes Frostell	
Chapter 11	
Animal Models of Female Reproduction and Fetal Growth and Development	237
Anthony M. Carter	
Chapter 12	
Animal Models in Vaccinology	255
Coenraad F. M. Hendriksen	
Chapter 13	
Animal Models in AIDS Research.....	269
K. Jagannadha Sastry, Pramod N. Nehete, Amy N. Courtney, and Danielle R. Fontenot	
Chapter 14	
Animal Models for the Study of <i>Helicobacter</i> Infection.....	293
Akira Nishizono	
Chapter 15	
Animal Models in Mycology	313
Henrik Elvang Jensen	
Chapter 16	
Animal Models in Biodefense Research.....	349
Mark A. Suckow and Patrick Sharp	
Chapter 17	
Animal Models in Oral Health Sciences	387
Björn Klinge and Jörgen Jönsson	
Chapter 18	
Animal Models of Hearing Loss and Tinnitus.....	419
Richard Salvi, Edward Lobarinas, Guang-Di Chen, Daniel Stolzberg, and Dalian Ding	
Index	455