

Contents

Preface.....	vii
Acknowledgments.....	ix
Editors.....	xi
Contributors	xiii
 Chapter 1	
Laboratory Animals and Biomedical Research.....	1
Enqi Liu and Jianglin Fan	
 Chapter 2	
Welfare of Laboratory Animals.....	25
Enqi Liu and Jianglin Fan	
 Chapter 3	
Quality Control on Laboratory Animals	63
Enqi Liu and Jianglin Fan	
 Chapter 4	
Anatomy, Physiology, and Husbandry of Laboratory Animals.....	129
Yi Tan and Dongmei Tan	
 Chapter 5	
Principles of Creating and Using Animal Models for Studying Human Diseases	189
Sihai Zhao and Qi Yu	
 Chapter 6	
Practical Techniques for Animal Experimentation	223
Enqi Liu and Jianglin Fan	
 Chapter 7	
Animal Experimentation Design	285
Changqing Gao	
 Chapter 8	
Organization and Management of Animal Experiments.....	303
Enqi Liu and Jianglin Fan	
Index	335