Contents

Part I  Experimental Animal Research

Ethical Issues Associated with the Use of Animal Experimentation in Behavioral Neuroscience Research ............... 3
Frauke Ohl and Franck Meijboom

The Use of Animal Models in Behavioural Neuroscience Research .... 17
Bernice Bovenkerk and Frederike Kaldeuwaij

Does the Goal Justify the Methods? Harm and Benefit in Neuroscience Research Using Animals .................. 47
Ana Catarina Vieira de Castro and I. Anna S. Olsson

A Framework for Investigating Animal Consciousness ............ 79
Paula Droege and Victoria A. Braithwaite

Telos, Conservation of Welfare, and Ethical Issues in Genetic Engineering of Animals ......................... 99
Bernard E. Rollin

Would the Elimination of the Capacity to Suffer Solve Ethical Dilemmas in Experimental Animal Research? .............. 117
Adam Shriver

Part II  Clinical Research

Ethical Issues in Behavioral Neuroscience .......................... 135
Grace Lee
What’s Special about the Ethical Challenges of Studying Disorders with Altered Brain Activity? .......................... 137
Helen J. Cassaday

Effects of Brain Lesions on Moral Agency: Ethical Dilemmas in Investigating Moral Behavior ............................................. 159
Markus Christen and Sabine Müller

Genetic Testing and Neuroimaging for Youth at Risk for Mental Illness: Trading off Benefit and Risk ....................... 189
Grace Lee, Ania Mizgalewicz, Emily Borgelt and Judy Illes

Externalization of Consciousness. Scientific Possibilities and Clinical Implications ................................................. 205
Michele Farisco, Steven Laureys and Kathinka Evers

How Does Enhancing Cognition Affect Human Values? How Does This Translate into Social Responsibility? .......... 223
Laura Y. Cabrera

Deep Brain Stimulation: A Principled and Pragmatic Approach to Understanding the Ethical and Clinical Challenges of an Evolving Technology ..................................... 243
Eric Racine, Emily Bell and Natalie Zizzo

Ethical Issues and Ethical Therapy Associated with Anxiety Disorders ...................................................................... 265
Kaylan L. Altis, Lisa S. Elwood and Bunmi O. Olatunji

Just Like a Circus: The Public Consumption of Sex Differences .... 279
Donna L. Maney

Money and Morals .............................................................................. 297
Margaret L. Eaton, Brian K. Kwon and Christopher Thomas Scott

Index ..................................................................................................... 317
Ethical Issues in Behavioral Neuroscience
Lee, G.; Illes, J.; Ohl, F. (Eds.)
2015, VIII, 320 p. 7 illus., 3 illus. in color., Hardcover
ISBN: 978-3-662-44865-6