Global Science and National Sovereignty
Studies in Historical Sociology of Science

Edited by Grégoire Mallard, Catherine Paradeise and Ashveen Peerbaye
Contents

Acknowledgements ix
Abbreviations xi

1 Global Science and National Sovereignty: A New Terrain for the Historical Sociology of Science 1
GRÉGOIRE MALLARD AND CATHERINE PARADEISE

2 Running in Circles: The Heidelberg Kruzhok and the Nationalization of Russian Chemistry 40
MICHAEL D. GORDIN

3 Stem Cells’ Two Families: Challenges to the Body and the Body Politic in the U.S. Stem Cell Controversy 63
VINCENT-ANTONIN LEPINAY

4 Who Shall Keep Humanity’s ‘Sacred Trust’? International Liberals, Cosmopolitans, and the Problem of Nuclear Proliferation 82
GRÉGOIRE MALLARD

5 ‘Carrying American Ideas to the Unconverted’: MIT’s Failed Attempt to Export Operations Research to NATO 120
JOHN KRIGE

6 National Usages for a “Global” Science: The Dissemination of New Economic Paradigms as a Strategy for the Reproduction of Governing Elites 143
YVES DEZALAY AND BRYANT GARTH
Contents

7 Appropriation and Regulation of Biotechnology Innovations: A Transatlantic Comparison 168
   JEAN-PAUL GAUDILLIÈRE AND PIERRE-BENOÎT JOLY

8 Climate Change: Scientific Dynamics, Expertise, and Geopolitical Challenges 195
   AMY DAHAN DALMEDICO AND HÉLÈNE GUILLEMOT

Contributors 221
Index 227