

Contents

<i>List of Contributors</i>	<i>page</i>	vii
Knowledge Commons and the Road to Medical Commons Katherine J. Strandburg, Brett M. Frischmann, and Michael J. Madison		1
1 The Knowledge Commons Framework Katherine J. Strandburg, Brett M. Frischmann, and Michael J. Madison		9
2 Leviathan in the Commons: Biomedical Data and the State Jorge L. Contreras		19
3 Centralization, Fragmentation, and Replication in the Genomic Data Commons Peter Lee		46
4 Genomic Data Commons Barbara J. Evans		74
5 Population Biobanks' Governance: A Case Study of Knowledge Commons Andrea Boggio		102
6 The Sentinel Initiative as a Knowledge Commons Ryan Abbott		121
7 Cancer: From a Kingdom to a Commons Michael Mattioli		144
8 The Greatest Generational Impact: Open Neuroscience as an Emerging Knowledge Commons Maja Larson and Margaret Chon		166

9	Better to Give Than to Receive: An Uncommon Commons in Synthetic Biology Andrew W. Torrance	192
10	Governance of Biomedical Research Commons to Advance Clinical Translation: Lessons from the Mouse Model Community Tania Bubela, Rhiannon Adams, Shubha Chandrasekharan, Amrita Mishra, and Songyan Liu	222
11	Constructing Interdisciplinary Collaboration: The Oncofertility Consortium as an Emerging Knowledge Commons Laura G. Pedraza-Fariña	259
12	The Application of User Innovation and Knowledge Commons Governance to Mental Health Intervention Glenn Saxe and Mary Acri	285
13	Challenges and Opportunities in Developing and Sharing Solutions by Patients and Caregivers: The Story of a Knowledge Commons for the Patient Innovation Project Pedro Oliveira, Leid Zejnilović, and Helena Canhão	301
14	Chronic Disease, New Thinking, and Outlaw Innovation: Patients on the Edge in the Knowledge Commons Stephen Flowers	326
15	The North American Mitochondrial Disease Consortium: A Developing Knowledge Commons Katherine J. Strandburg and Brett M. Frischmann	348
16	The Consortium of Eosinophilic Gastrointestinal Disease Researchers (CEGIR): An Emerging Knowledge Commons Katherine J. Strandburg and Stefan Bechtold	390
	Governing Knowledge Commons: An Appraisal Katherine J. Strandburg, Brett M. Frischmann, and Michael J. Madison	421