

Contents

<i>List of Figures and Graphs</i>	vii
<i>List of Tables</i>	viii
<i>List of Contributors</i>	ix

1. The Role of Intellectual Property Rights in the Development Process, with Some Lessons from Developed Countries:
An Introduction 1
Giovanni Dosi and Joseph E. Stiglitz

Part I: IPR, Innovation and Development: Economic History and Theory

2. Innovation, Technical Change, and Patents in the Development Process: A Long-Term View 57
Mario Cimoli, Giovanni Dosi, Roberto Mazzoleni and Bhaven N. Sampat
3. Lessons from the Economics Literature on the Likely Consequences of International Harmonization of IPR Protection 89
Albert G.Z. Hu and Adam B. Jaffe
4. Intellectual Property in the Twenty-First Century: Will the Developing Countries Lead or Follow? 111
Jerome H. Reichman

Part II: Knowledge Appropriation and Development

5. Ethical Incentives for Innovation 185
Sarah Chan, John Harris, and John Sulston
6. Is Bayh-Dole Good for Developing Countries? Lessons from the U.S. Experience 201
Anthony D. So, Bhaven N. Sampat, Arti K. Rai, Robert Cook-Deegan, Jerome H. Reichman, Robert Weissman, and Amy Kapczynski

Part III: Experiences from Public Health, Agriculture, and Green Technology

7. IPRs, Public Health and the Pharmaceutical Industry: Issues in the Post-2005 TRIPS Agenda 219
Benjamin Coriat and Luigi Orsenigo

8. Innovation, Appropriability and Productivity Growth in Agriculture: A Broad Historical Viewpoint <i>Alessandro Nuvolari and Valentina Tartari</i>	242
9. The Distributive Impact of Intellectual Property Regimes: A Report from the "Natural Experiment" of the Green Revolution <i>Timothy Swanson and Timo Goeschl</i>	264
10. International Efforts to Pool and Conserve Crop Genetic Resources in Times of Radical Legal Change <i>Michael Halewood</i>	288
11. Mode of Entry for Emerging Markets: An <i>ex ante</i> and <i>ex post</i> Perspective of the Open Source Development and Management of Biotechnology Knowledge Assets <i>Minna Allarakhia</i>	323
12. Intellectual Property and Alternatives: Strategies for Green Innovation <i>Jerome H. Reichman, Arti K. Rai, Richard G. Newell, and Jonathan B. Wiener</i>	356
13. Legal and Economic Perspectives on International Technology Transfer in Environmentally Sound Technologies <i>Keith E. Maskus and Ruth L. Okediji</i>	392
 Part IV: Challenges for Governance and Policymaking	
14. Multilateral Agreements and Policy Opportunities <i>Carlos M. Correa</i>	417
15. Preferential Trade Agreements and Intellectual Property Rights <i>Pedro Roffe and Christoph Spennemann</i>	439
16. Industrial Policy and IPR: A Knowledge Governance Approach <i>Leonardo Burlamaqui and Mario Cimoli</i>	477
 Part V: Conclusion	
17. The Role of Intellectual Property Rights in Developing Countries: Some Conclusions <i>Mario Cimoli, Giovanni Dosi, Keith E. Maskus, Ruth L. Okediji, Jerome H. Reichman and Joseph E. Stiglitz</i>	503
 <i>Index</i>	 515