

# Contents

---

<i>List of contributors</i>	vii
<i>Acknowledgements</i>	ix
<i>Abbreviations</i>	x
Introduction: anti-cyclic triple helix <i>Riccardo Viale and Henry Etzkowitz</i>	1
<b>PART I HOW TO CAPITALIZE KNOWLEDGE</b>	
1 Knowledge-driven capitalization of knowledge <i>Riccardo Viale</i>	31
2 ‘Only connect’: academic–business research collaborations and the formation of ecologies of innovation <i>Paul A. David and J. Stanley Metcalfe</i>	74
3 Venture capitalism as a mechanism for knowledge governance <i>Cristiano Antonelli and Morris Teubal</i>	98
4 How much should society fuel the greed of innovators? On the relations between appropriability, opportunities and rates of innovation <i>Giovanni Dosi, Luigi Marengo and Corrado Pasquali</i>	121
5 Global bioregions: knowledge domains, capabilities and innovation system networks <i>Philip Cooke</i>	143
6 Proprietary versus public domain licensing of software and research products <i>Alfonso Gambardella and Bronwyn H. Hall</i>	167
<b>PART II TRIPLE HELIX IN THE KNOWLEDGE ECONOMY</b>	
7 A company of their own: entrepreneurial scientists and the capitalization of knowledge <i>Henry Etzkowitz</i>	201
8 Multi-level perspectives: a comparative analysis of national R&D policies <i>Caroline Lanciano-Morandat and Eric Verdier</i>	218

9	The role of boundary organizations in maintaining separation in the triple helix <i>Sally Davenport and Shirley Leitch</i>	243
10	The knowledge economy: Fritz Machlup's construction of a synthetic concept <i>Benoît Godin</i>	261
11	Measuring the knowledge base of an economy in terms of triple-helix relations <i>Loet Leydesdorff, Wilfred Dolfsma and Gerben Van der Panne</i>	291
12	Knowledge networks: integration mechanisms and performance assessment <i>Matilde Luna and José Luis Velasco</i>	312
	<i>Index</i>	335