

# Contents

---

<i>List of figures</i>	vii
<i>List of tables</i>	ix
<i>List of contributors</i>	x
Introduction: the scale question in knowledge creation, capture and commercialization <i>Philip Cooke</i>	xiv
1. Strategic adaptation to the knowledge economy in less favoured regions: a South Ostrobothnian University network as a case in point <i>Markku Sotarauta and Kati-Jasmin Kosonen</i>	1
2. Higher education and high intellectual unemployment: does education matter? An interpretation and some critical perspectives <i>Ernesto Tavoletti</i>	20
3. The geography of research collaboration: theoretical considerations and stylized facts in biotechnology in Europe and the United States <i>Koen Frenken and Frank G. van Oort</i>	38
4. Knowledge Intensive Business Services and regional development: consultancy in city regions in Norway <i>Heidi Wiig Aslesen</i>	58
5. The cluster as a nexus of knowledge creation <i>Mark Lorenzen and Peter Maskell</i>	77
6. Knowledge life cycles inside local economic systems <i>Lucio Poma and Silvia Sacchetti</i>	93
7. High-tech industry clustering rationales: the case of German biotechnology <i>Kerstin Wolter</i>	117
8. Industry–science relationships as enhancing regional knowledge economies: a comparative perspective from Japan and the UK <i>Fumi Kitagawa</i>	142

9.	Placing Ireland's transition to a knowledge economy within a global context	161
	<i>Mark C. White and Seamus Grimes</i>	
10.	The spatial dimension of inter-firm learning: case study and conceptualization	181
	<i>Roel Rutten and Frans Boekema</i>	
11.	Knowledge, values and territory: a case study	197
	<i>Goio Etxebarria and Mikel Gómez Uranga</i>	
12.	The 'knowledge economy': a critical view	216
	<i>Martin Sokol</i>	
13.	Conclusions: regional economies as knowledge laboratories: theories, fashions and future steps	232
	<i>Andrea Piccaluga</i>	
	<i>Index</i>	239