

Contents

| | |
|---|------|
| <i>List of Tables and Figures</i> | viii |
| <i>List of Contributors</i> | x |
| <i>Acknowledgements</i> | xii |
| | |
| 1 Introduction: What's New About the 'New Genetics'? | 1 |
| <i>Peter Glasner and Harry Rothman</i> | |
| | |
| PART I: LITERACY, PUBLIC UNDERSTANDING AND THE MEDIA | |
| | |
| 2 The Gene Shop at Manchester Airport | 15 |
| <i>Mairi Levitt</i> | |
| | |
| 3 Public Understanding of Genetic Engineering in Germany | 29 |
| <i>Jürgen Hampel</i> | |
| | |
| 4 Predictive Medicine, Genetics and Schizophrenia | 56 |
| <i>John Turney and Jill Turner</i> | |
| | |
| PART II: COMMERCIALISATION AND HEALTH' | |
| | |
| 5 Pharmacogenetics: Implications for Drug Development, Patients and Society | 83 |
| <i>Alun McCarthy</i> | |
| | |
| 6 The Use of Large Biological Sample Collections in Genetics Research: Issues for Public Policy | 96 |
| <i>Paul Martin and Jane Kaye</i> | |

PART III: GEN-ETHICS: HUMAN GENETIC BANKING

- | | | |
|---|--|-----|
| 7 | DNA Sampling and Banking in Clinical Genetics and Genetic Research <i>Kåre Berg</i> | 135 |
| 8 | Human Genetic Banking and the Limits of Informed Consent <i>Garrath Williams and Doris Schroeder</i> | 148 |
| 9 | Regulation and Social Perceptions of Genetic Data Banking in Germany <i>Juergen Simon and Susanne Braun</i> | 167 |

PART IV: GENETIC SCREENING

- | | | |
|----|--|-----|
| 10 | Genetic and Nongenetic Medical Information: Is there a Moral Difference in the Context of Insurance? <i>Veikko Launis</i> | 185 |
| 11 | New Practices of Screening in the Field of Cancerogenetics: A Co-evolutionary Perspective <i>Dirk Stemerding and Annemiek Nelis</i> | 203 |
| 12 | Lumping and Splitting Revisited: Or What Happens When the New Genetics Meets Disease Classification <i>Adam M. Hedgecoe</i> | 223 |

PART V: CLONING AND XENOTRANSPLANTATION

- | | | |
|----|---|-----|
| 13 | What We Know and What We Don't About Cloning and Society <i>Sarah Franklin</i> | 247 |
|----|---|-----|

| | | |
|----|---|-----|
| 14 | Containing Contradictions: Debating Nature, Controversy and Biotechnology <i>Nik Brown</i> | 259 |
| 15 | Constructing the Scientific Citizen: Science and Democracy in the Biosciences <i>Alan Irwin</i> | 281 |
| 16 | Conclusion <i>Peter Glasner</i> | 311 |
| | <i>Index</i> | 317 |