

Contents

Preface	5
Introduction	9
Forum – Life Sciences and the Belief in Progress	13
Science and Progress.	15
Axel Kahn	
Beyond Enlightenment: The Rise of a Culture of Life	29
Karin Knorr Cetina	
Life Sciences, the Image of Man and Progress	43
Evandro Agazzi	
What Philosophies on Progress for the Third Millennium?	57
Gilbert Hottois	
Forum – The Challenge and Limitations of Reductionism in Life Sciences Research	77
Reductionism: Methodological and Ideological.	79
Fraser Watts	
The Limits of Biological Reductionist Explanations of the Human Condition	93
Steven PR Rose	
Creating Contexts: Reduction or Expansion?	109
Marilyn Strathern	
Forum – Life Sciences and Democracy	123
Beyond Utopias: Evolutionary Rationalism and Noocracy	125
Ladislav Kováč	
Science without a Conscience	139
Sophie Bessis	

Science, Ethics and Danger	149
----------------------------------	-----

Lewis Wolpert

Wish Fulfilment and its Discontents –

On the Uneasy Relationship Between the Life Sciences and the Humanities	157
--	-----

Helga Nowotny

Life Science, Governance and Public Participation: the New Dilemmas of Democracy.....	171
--	-----

Massimiano Bucchi

Forum – Science Fiction: The Cultural Spin-offs from the Life Sciences.....	185
--	------------

The Day after Tomorrow	187
------------------------------	-----

Christopher Bigsby

Smuggling Science onto the Page or Stage.....	201
---	-----

Carl Djerassi