

# Inhalt

|  |    |
|--|----|
| GERHART VON GRAEVENITZ / JÜRGEN MITTELSTRASS   |    |
| Vorwort . . . . .  | 9  |
| I. EINLEITUNG  |    |
| JÜRGEN MITTELSTRASS  |    |
| Der Forscher und die Forschung   |    |
| Zur Einführung . . . . .   | 13 |
| II. NETZWERKE, CLUSTER, ALLIANZEN –<br>AUSSERUNIVERSITÄRE FORMEN DER FORSCHUNG           |    |
| FRANK GANNON   |    |
| The End of the Individual Researcher? . . . . .  | 21 |
| MANFRED POPP   |    |
| Die Zukunft der Großforschung . . . . .  | 27 |
| DANIEL ZAJFMAN   |    |
| Why and When do we need International Cooperation in<br>Scientific Research?. . . . .    | 45 |
| CHRISTOPH KRATKY   |    |
| Where are the Extramural Forms of Research Heading to?<br>Introductory Remarks . . . . . | 59 |

GÜNTER STOCK

Where are the Extramural Forms of Research Heading to?  
Introductory Remarks . . . . . 63

ANDREA KAMPHUIS / STEPHAN MATTHIESEN

Summary of the Discussion . . . . . 71

III. NETZWERKE, CLUSTER, ALLIANZEN –  
UNIVERSITÄRE FORMEN DER FORSCHUNG

DOROTHEA WAGNER

Forscherguppe, Sonderforschungsbereich, Cluster –  
Welche Steigerungsformen sind noch möglich? . . . . . 83

LAURITZ B. HOLM-NIELSEN

Aarhus University in the Global Market:  
Opportunities, Limits, and Limitations . . . . . 93

COLIN BLAKEMORE

Secrecy and Competition, or Openess and Collaboration:  
Which are the Best Engines of Science? . . . . . 105

HELGA NOWOTNY

Larger and Bigger – Expanding University Research  
Going Astray? Introductory Remarks . . . . . 117

RUDOLF SCHLÖGL

Larger and Bigger – Expanding University Research  
Going Astray? Introductory Remarks . . . . . 121

INGRID WÜNNING-TSCHOL

Larger and Bigger – Expanding University Research  
Going Astray? Introductory Remarks . . . . . 125

---

ANDREA KAMPHUIS / STEPHAN MATTHIESEN

Summary of the Discussion . . . . . 129

IV. EUROPA – UND WAS DANN?

ETIENNE MAGNIEN

The European Research Area (ERA):  
Where do we stand? . . . . . 137

ERNST-LUDWIG WINNACKER

Young Scientists – Global Perspectives . . . . . 149

WILHELM KRULL

The Return of the Individual.  
A Private Research Funder's Perspective . . . . . 159

ALBRECHT WAGNER

Big and Small – How Does this Work?  
Introductory Remarks . . . . . 169

ANGELIKA KALT

Big and Small – How Does this Work?  
The Example of Switzerland . . . . . 173

GEORG SCHÜTTE

Exzellenz im Großen und Kleinen als internationale  
Herausforderung . . . . . 185

SYBILLE REICHERT

Research Funding Strategies for the 21st Century:  
Nurturing individual Creativity or Cooperative Potential?  
Conclusions from the Discussions . . . . . 191

AUTOREN UND DISKUSSIONSLEITER . . . . . 197