

4th EMBO/EMBL joint conference on Science and Society
“Genetics, Determinism and Human Freedom”
14-15 November 2003
EMBL Operon, Meyerhofstr. 1, 69117 Heidelberg, Germany

PROGRAMME

Friday, 14 November

8:15-8:45 *Registration*

8:45-9:00 Welcome address:
Andrew Moore, Chair, Conference Organising Committee,
Science and Society Programme Manager, EMBO

9:00 Session I: Technological revolutions in genetic information
gathering and application

Session chair: Frank Gannon, EMBO Executive Director, and
EMBC Secretary General

Keynote speakers:

9:00-9:45 Jean Weissenbach, Director, GENOSCOPE, France

9:45-10:30 Hans Lehrach, Max Planck Institute for Molecular Genetics,
Germany

10:30-11:00 *Coffee break*

11:00-12:30 Panel discussion joined by:
Nick McCooke, CEO, Solexa Ltd., United Kingdom

Monica Konrad, Institute of Commonwealth Studies, School of
Advanced Study, University of London, UK

12:30-14:00 *Lunch*

14:00 Session II: Genes and disease; the links and their
consequences for human freedom

Session chair: Matthias Hentze, Programme Coordinator and
Senior Scientist, EMBL, Heidelberg, Germany

Keynote speakers:

- 14:00-14:45 Michael Caldwell, Director, Marshfield Medical Research Foundation, Wisconsin, USA
- 14:45-15:30 Jean-Louis Mandel, Director, Institut de Génétique et de Biologie Moléculaire et Cellulaire, Illkirch, France
- 15:30-16:00 *Coffee break*
- 16:00-17:45 Panel discussion joined by:
Klaus Lindpaintner, Vice President and Director, Roche Genetics, F. Hoffmann-La Roche, Switzerland
- Nigel Townsend, Y-Touring Theater Company, UK
- Jackie Leach Scully, Center for Ethics in the Biosciences, Institute for History and Epistemology of Medicine, University of Basel, Switzerland
- 17:45-18:00 *Brief intermission*
- 18:00-18:30 Award ceremony: EMBO Award for Communication in the Life Sciences
- 19:00-20:30 *Conference dinner*
- 20:30-21:15 After dinner talk:
Jon Beckwith, Department of Microbiology and Molecular Genetics, Harvard Medical School, Boston, USA

Saturday, 15 November

- 9:00 Session III: Use and abuse of genetic information in justice, security and the information society
- Session chair: Salvör Nordal, Director, Center for Ethical Studies, University of Iceland, Reykjavik, Iceland
- Keynote speakers:
- 9:00-9:45 Ludger Honnefelder, Director, Section of Biomedical Ethics, Institute of Science and Ethics, University of Bonn, Germany
- 9:45-10:30 Alastair Kent, Director, Genetic Interest Group, UK
- 10:30-11:00 *Coffee break*

- 11:00-12:30 Panel discussion joined by:
Bob Bramley, Chief Scientist, Forensic Science Service, UK

Regine Kollek, Research Center for Biotechnology, Society and
the Environment, University of Hamburg, Germany
- 12:30-14:00 *Lunch*
- 14:00 Session IV: Fast forward: human trait modulation,
"Genomes'R'us", designer babies and genetic identity cards

Session chair: Volker Stollorz, Free lance Science journalist for
the Frankfurter Allgemeine Sonntagszeitung, Germany

Keynote speakers:
- 14:00-14:45 Antoine Danchin, Director of Research and Head of Unit
Genetics of Bacterial Genomes, Institut Pasteur, Paris, France
- 14:45-15:30 Steven Rose, UCL, Visiting Professor, and Director of Brain and
Behaviour Research Group, Dept of Biological Sciences, The
Open University, UK
- 15:30-16:00 *Coffee break*
- 16:00-17:45 Panel discussion joined by:
Ruth Chadwick, Professor of Bioethics and Director of ESRC
Centre for Economic & Social Aspects of Genomics (CESAGen),
Lancaster University, UK

John Durant, Chief Executive, At-Bristol, UK

Peter McGuffin, Director, Social, Genetic and Developmental
Psychiatry Research Centre, Institute of Psychiatry, King's
College London, UK
- 17:45 Closing remarks: Halldór Stefánsson, Conference Organising
Committee, Head, Science and Society Office, EMBL
- 18:00 *Conference ends*