

**Workshop**  
**Heredity in the Century of the Gene**  
**(A Cultural History of Heredity IV)**

December 11-14, 2006

ESRC Research Centre for Genomics in Society, University of Exeter, UK  
in collaboration with the

Max-Planck-Institute for the History of Science, Berlin, Germany

Organizers:

Staffan Müller-Wille (Exeter), Hans-Jörg Rheinberger (Berlin), John Dupré (Exeter)

Venue:

Reed Hall

**Monday, Dec 11**

14:00 *Registration*

14:30 *Welcome*

John Dupré, Staffan Müller-Wille, Hans-Jörg Rheinberger

15:30 *Coffee break*

16:00 *Session I: The Mendelian Break*

Staffan Müller-Wille, University of Exeter

*Leaving inheritance behind: Wilhelm Johannsen and the politics of Mendelism*

Greg Radick, University of Leeds

*The Professor and the Pea: Weldon's Critique of Mendelism*

Barry Barnes, University of Exeter

*comments*

17:50 *Drinks and standing buffet*

**Tuesday, Dec 12**

09:00 *Session II: Contexts of Heredity*

Ilana Löwy and Jean Paul Gaudillière, Centre de recherche médecine, sciences, santé et société, Villjuif

*Transmission of human pathologies 1900-1940: the elusive "mendelization" of the clinic*

Bert Theunissen, University of Utrecht

*Breeding Dutch dairy cows (1900-1950): Heredity without Mendelism*

Soraya de Chadarevian, University of California, Los Angeles

*comments*

10:50 *Coffee break*

- 11:20 Daniel Kevles, Yale University, New Haven, Ct.  
*Innovation and Ownership in New Fruits: The Horticultural Industry and Intellectual Property in the United States, 1880-1930*
- Maria Kronfeldner, Max-Planck-Institute for the History of Science, Berlin  
*Coalition and Opposition: Heredity, Culture, and the Boundaries of Anthropology in the Work of Alfred L. Kroeber*
- Edna Suarez, Max-Planck-Institute for the History of Science, Berlin  
*comments*
- 13:10 *Lunch*
- 14:30 *Social event and dinner*

### **Wednesday, Dec 13**

- 09:00 *Session III: Breeding and Inheritance*
- Christophe Bonneuil, Centre Alexandre Koyré, Paris  
*What genes could not do: French plant breeders' reception of Mendelism (1900-1930)*
- Ana Barahona, Universidad Nacional Autonoma México, Mexico City  
*Mendelism and agriculture in the first decades of the 20th century in Mexico*
- Jonathan Harwood, University of Manchester  
*comments*
- 10:50 *Coffee Break*
- 11:20 *Session V: Heredity and the Creation of Model Organisms*
- Judy Jones Schloegel, independent scholar, Clarendon Hills/Ill.  
*Herbert Spencer Jennings, Heredity, and Protozoa as Model Organisms, 1908-1918*
- Christina Brandt, Max-Planck-Institute for the History of Science, Berlin  
*Clones, pure lines and heredity. The work of Victor Jollos*
- Hans-Jörg Rheinberger, Max-Planck-Institute for the History of Science, Berlin  
*comments*
- 13:10 *Lunch break*
- 14:30 *Session IV: Genealogy and its Uses*
- Bernd Gausemeier, Max-Planck-Institute for the History of Science, Berlin  
*Human Heredity and Mendelism: the Case of Psychiatry*
- Philip Wilson, Penn State University College of Medicine, Hershey (Pennsylvania)  
*Pedigree charts as tools to visualize inherited disease in progressive era America*
- 15:50 *Coffee break*
- 16:20 Veronika Lipphardt, Humboldt University, Berlin  
*Jews as an object of Mendelian research (1900-1935)*

Carlos López Beltrán, Universidad Nacional Autónoma México, Mexico City

*comments*

17:30 *Break*

19:30 *Public evening lecture* (Venue: Queens Lecture Theatre 1)

Evelyn Fox Keller, Massachusetts Institute of Technology, Cambridge, MA

*What's in a Word? Genes, Heredity, and Heritability*

**Thursday, Dec 14:**

09:00 *Session VI: Managing Variation*

Marsha Richmond, Wayne State University, Detroit

*William Bateson's Pre- and Post-Mendelian Research Program in 'Heredity and Development'*

Luis Campos, Harvard University, Cambridge/Mass.

*Genetics Without Genes: Blakeslee, Datura, and 'Chromosomal Mutations'*

10:20 *Coffee break*

10:50 Alexander von Schwerin, Technical University Braunschweig

*Seeing, breeding and the organisation of variation – model organisms in the genetics of the twenties*

Jonathan Hodge, University of Leeds

*comments*

12:00 *Lunch break*

12:45 Lenny Moss, University of Exeter

*comments*

Raphael Falk, Hebrew University, Jerusalem

*comments*

*Final discussion*

14:15 *End of workshop*