

**3rd Trans-Tech-Meeting
Stockholm
18 – 20 June 2001**

Organizers:
Cambridge University / Karolinska Institute

1. Day

08.30 – 10.00 Registration for all Participants

10.15 Welcome and Introduction

- a) Jan Carlstedt-Duke / Karolinska Institutet
- b) Johannes Wilbertz / Organizing Board

**Chairman: Stephan Teglund / Karolinska Center for Transgene
Technologies,
Sweden**

Basics in transgenic research (10.30 – 12.30)

- 10.30 – 11.15 Setting up a transgenic lab (Anna B. Auerbach, / Skirball Inst., New York, USA)
- 11.15 – 12.00 Basics in construct design (tg – ko) (Achim Plum / Mice&More, Germany)

Lunch

13.00 – 14.00 Coffee Break, Network and Opportunity to view trade exhibition

Poster should be mounted

Chairman: Nelson Khoo / Umeå Transgenic Core Facility, Sweden

Methods and problems in tg research (14.30 – 17.00)

- 14.00 – 14.45 New microinjection methods for mammalian transgenesis (Anthony Perry / Advanced Cell Technology Inc., USA)
- 14.45 – 15.30 Injection of large constructs - Use and problems. (Luis Montoliu / Centro Nacional de Biotecnologia (CNB-CSIC), Madrid, Spain)
- 15.30 – 16.15 Behavioral phenotyping of mice (Alexander Kuzmin / Div. of Behavioral Neuroscience, KI, Sweden)
- 16.15 – 17.00 Knockouts of APP-Family members: Gene redundancies and influence of genetic background on phenotypes (Ulrike Müller / MPI Brain Research, Germany)

Poster Session + Coffee (17.00 – 18.00)

Presenting authors should be present at their posters

1. Award of the genOway Price for Transgenic Technologies (18.15 – 19.30)

(Open to all public)

Introduction of the price (Kader Thiam / genOway)

Introduction of the price winner (Eckhard Wolf / Institut für Molekulare Tierzucht/Genzentrum)

Awarding of the price and lecture of the prize winner Teruhiko Wakayama

20.00 Get together

Lunch buffet

2. Day

**Chairwoman: Marcela Pekna / Gothenburg Transgenic Core Facility,
Sweden**

**Public concerns about and alternatives to laboratory animals in transgenic
research**

(09.00 – 12.30)

09.00 – 09.45 Refinements in the production, management and care of genetically
modified rodents (Vicky Robinson / RSCPA, UK)

09.45 – 10.30 Targeted oncogenesis in transgenic mice: A strategy for cell
immortalization (Alain Vandewalle / INSERM / Faculté de Médecine
Xavier Bichat, Paris, France)

Coffee Break

11.00 – 11.45 Horizontal gene transfer (Alfred Pühler / University Bielefeld,
Germany)

11.45 – 12.30 Going public – How to present your research to the public (Robin
Lovell- Badge / National Institute for Medical Research, Mill Hill,
UK)

Lunch

Chairman: Ulrich Märki / Provimi Kliba AG, Switzerland

Use of transgenics in research I (14.00 – 17.30)

14.00 – 14.45 Xenografting (Ejvind Kemp / Denmark)

14.45 – 15.30 Gene Farming (Mathias Müller / Vienna University, Austria)

Coffee Break

16.00 – 16.45 The use of transgenic techniques in the characterization of genes
involved in growth factor signaling in Drosophila (Udo Häcker / Lund
University, Sweden)

16.45 – 17.30 Chloroplasts of higher plants as a tool of genetic engineering (Iwona Adamska / Stockholm University, Sweden)

17.30 – 18.30 Happy Hour and Poster Session II

3. Day

Chairman: Anne Plück, University Cologne, Germany

Use of transgenics II (9.00 – 11.30)

- 09.00 – 09.30 Transgenics in cancer research (Lars Holmgren / CCK, KS, Sweden)
09.30 – 10.00 Prion diseases: insights from mouse models (Eckhard Flechsig / MRC
Prion unit/Neurogenetics, Imperial College School of Medicine, UK)

Coffee Break

Poster should be dismantled!

- 10.30 – 11.00 Strategies to Control NR1(N598Q/R) Mutant NMDA Receptor
Expression in the Mouse Brain (Frank N. Single / MPI Med.
Research Heidelberg, Germany)
11.00 – 11.30 Transgenics in developmental biology (Urban Lendahl / CMB, KI,
Sweden)

Final summary

- 11.30 Johannes Wilbertz