

Final Program 3rd International Meeting

Monday, May 15

- 8:00 – 9:00 a.m. Registration
9:00 – 9:30 a.m. Opening of the Meeting
Andreas Pinkwart, Minister for Innovation, Science, Research and Technology, NRW
Hans Schöler, Chairman, Local Host
- from 9:30 a.m. **Keynote Lectures**
9:30 - 10:15 a.m. Rudolf Jaenisch *Nuclear cloning, embryonic stem cells, therapy: promise, problems, reality*
10:15 – 11:00 a.m. Dagfinn Follesdal *The ethics of stem cell research*
- 11:00 – 11:30 a.m. Coffee Break, Poster Session
- from 11:30 a.m. **Somatic SC** chair: Peter Wernet
11:30 – 12:00 a.m. Catherine Verfaillie *Potency of adult stem cells*
12:00 – 12:15 p.m. Jens Christian Schwamborn *Gen transfer into neural stem cells of the rodent brain via in utero electroporation – Role of Rap1B*
12:15 – 12:45 p.m. Thomas Braun *Lesson from the professionals: What are the differences between mammalian and newt tissue regeneration?*
- 12:45 – 1:45 p.m. Lunch Break, Poster Session
- from 1:45 p.m. **Embryonic SC** chair: Sigrid Nikol
1:45 – 2:15 p.m. Hans Schöler *The Establishment of Pluripotency in Mouse Preimplantation Embryos*
2:15 – 2:45 p.m. Ludwig Siep *Ethical and legal aspects of the german stem cells debate*
2:45 – 3:15 p.m. Christine Mummery *Cariomyocytes from human embryonic stem cells*
3:15 – 3:30 p.m. Hannes Klump *HOXB 4 expression levels critically determine the competence of ES cell derivatives to mediate hematopoietic long-term repopulation, in vivo*
3:30 – 4:00 p.m. Oliver Brüstle *ES cell-derived neural precursors: Fate restriction versus controlled differentiation*
- 4:00 – 4:30 p.m. Coffee Break, Poster Session
- from 4:30 p.m. **Gonadal SC** chair: Hans Schöler
4:30 – 5:00 p.m. Jonathan Tilly *Mammalian female germline regeneration*
5:00 – 5:30 p.m. Rainer Schweizer *Experience from Switzerland: Regulation and development of research with embryonic and gonadal stem cells*
5:30 – 5:45 p.m. David Ruau *Epigenetic modification of neurosphere cells induces early embryonic and hematopoietic stem cell genes*

5:45 – 6:15 p.m. Peter Donovan *Tracking down stemness*
from 6:15 p.m. Transport to the historic City Hall of Münster
6:30 – 10:00 p.m. Reception at the 'Rathausfestsaal', City Hall Münster

Tuesday, May 16

8:00 – 9:00 a.m. Registration

9:00 – 9:45 a.m. How to guarantee integrity in research? (Panel Discussion)

from 9:45 a.m. **Neural SC** chair: Oliver Brüstle
9:45 – 10:15 a.m. Evan Snyder *Clinical prospects of stem cell research*
10:15 – 10:45 a.m. Benjamin Capps *Ethical and legal stem cell debate in Europe*
10:45 – 11:00 a.m. Lars Nolden *Cre protein transduction: A tool for site-specific recombination in human embryonic stem cells and their neural progeny*

11:00 – 11:30 a.m. Anders Björklund *Towards a stem cell therapy for Parkinson's Disease*

11:30 – 12:00 a.m. Coffee Break, Poster Session

from 12:00 a.m. **Hematopoietic SC** chair: Martin Zenke
12:00 – 12:30 p.m. Gordon Keller *Lineage specific differentiation of embryonic stem cells*
12:30 – 12:45 p.m. Gerhard Weber *Transcriptional control of hematopoietic stem cell populations in zebrafish*
12:45 – 1:15 p.m. Shin-Ichi Nishikawa *ES cell culture as a tool for functional genomics*

1:15 – 2:30 p.m. Lunch Break, Poster Session

from 2:30 p.m. **In vivo Tracing (Workshop I)**
Mathias Hoehn
Jeff Bulte
Clemens Löwik
Uwe Himmelreich

4:00 – 4:30 p.m. Coffee Break, Poster Session

from 4:30 p.m. **WS II Development of Bioreactors and Scale Up**
Thomas Noll
Wilhelm Jahnen-Dechent
Peter Zandstra
Joaquim Cabral

6:00 p.m. Poster Awards Ceremony and Closing Remarks

following: Get together at the new Max-Planck-Institute for Molecular Biomedicine.