

PROGRAM

_October 08, 2007

8:00 - 9:00 Registration

9:00 - 9:30 Opening of the Meeting, Minister Andreas Pinkwart, MIWFT NRW

Keynote Lectures

9:30 - 10:15 Ron McKay, Bethesda, USA

10:15 - 11:00 The recent debate on ethical and legal aspects of human embryonic stem cell research in Germany - Ludger Honnefelder, Bonn

11:00 - 11:30 Coffee Break, Poster Session

Stem Cell Self Renewal, Chair: Sigrid Nikol

11:30 - 12:00 Stem cells, small RNAs and self-renewal - Haifan Lin, New Haven, USA

12:00 - 12:15 Stem cell engineering by direct protein delivery - Frank Edenhofer, Bonn, Germany

12:15 - 12:45 The cell biology of neural stem and progenitor cells - Wieland Huttner, Dresden, Germany

12:45 - 14:00 Lunch Break, Poster-Session

Role of the Biological Niche, Chair: Andreas Faissner

14:00 - 14:30 Astrocytic stem cells in the developing, regenerating and cancerous brain - Dennis Steindler, San Francisco, USA

14:30 - 15:00 Regulation of neural stem and precursor cells by extracellular matrix - Charles French-Constant, Cambridge, UK

15:00 - 15:30 Origin of mesenchymal stem cells (MSC) - Shin-Ichi Nishikawa, Kobe, Japan

15:30 - 16:00 Refreshments, Poster Session

Cancer and Stem Cells, Chair: Martin Zenke

16:00 - 16:30 Mouse models of Glioma: Stem cells and cancer stem cells - Luis Parada, Dallas, USA

16:30 - 16:45 Stem cells in acute lymphoblastic leukemia - Markus Müschen, Düsseldorf, Germany / Los Angeles, USA

16:45 - 17:15 Dormant and activated stem cells during homeostasis injury and cancer - Andreas Trumpp, Epalinges, Switzerland

17:15 - 19:30 Poster-Party

19:30 - 22:00 Boat Cruise on the Rhine River

_October 09, 2007

8:00 - 9:00 Registration

Regeneration and Aging I, Chair: Peter Wernet

9:00 - 9:30 Enhancing Cardiac Regeneration - Nadia Rosenthal, Monterotondo, Italy

9:30 - 9:45 Mecanisms of human umbilical cord blood cells in the hypoxic-ischemic brain - Carola Meier, Bochum, Germany

9:45 - 10:15 Regulation of hematopoietic stem cells - Margaret Goodell, Houston, USA

10:15 - 10:45 Coffee Break, Poster Session

Regeneration and Aging II

10:45 - 11:15 Degenerative Diseases - report from science, Gerd Kempermann, Berlin, Germany

11:15 - 11:45 How old do we want to become? Andreas Kruse, Heidelberg, Germany

11:45 - 12:15 Discussion

12:15 - 13:15 Lunch Break, Poster-Session

Mechanisms Regulating the Stem Cell State, Chair: Frank Edenhofer, Markus Müschen

13:15 - 13:45 Regulation of Germline Stem Cell State - Karim Nayernia, Newcastle, UK

13:45 - 14:15 Chromatin and Reprogramming - Amanda Fisher, London, UK

14:15 - 14:30 Generation of functional neurons and glia from adult mouse germline-derived stem cells - Tamara Glaser, Bonn, Germany

14:30 - 15:00 Stuart Orkin, Boston, USA

15:00 - 15:30 Dissecting self-renewal and programmed cell death in pluripotent embryonic stem cells - Thomas Zwaka, Houston, USA

15:30 - 16:00 Refreshments

Translation of Stem Cell Technologies, Chair: Christian Kaltschmidt

16:00 - 16:30 Temporal and spatial control of embryonic stem cell self-renewal and differentiation - Peter Zandstra, Toronto, Canada

16:30 - 17:00 Embryonic Stem Cells, Darwinian Evolution and Cancer - Peter Andrews, Sheffield, UK

17:00 - 17:15 Human periodontium-derived neural stem cells: chance or risk? - Darius Widera, Witten, Germany

17:15 - 17:45 Peter Wernet, Düsseldorf

Poster awarding and closing remarks