

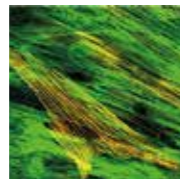
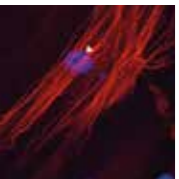


- 16:00 – 16:20 Rüdiger Hehlmann, *Mannheim*
Cure of CML: Are we there yet ?
- 16:20 – 16:40 Michael Pfreundschuh, *Homburg*
Stem cell transplantation in aggressive lymphomas: Do we still need it ?
- 16:40 – 17:00 Hartmut Döhner, *Ulm*
Genetics for guiding patient care in AML
- 17:00 – 17:45 Key-note lecture
Richard Champlin, *Houston, USA*
Advances with alternative donors:
Now everyone can get a transplant

Saturday, April 2, 2016

→ Lecture hall, Medical Center, Department of Medicine
Im Neuenheimer Feld 410, 69120 Heidelberg

- 08:30 – 09:15 Key-note lecture
Werner Franke, *Heidelberg*
Wild and at random: Spontaneous and cumulative syntheses of epithelial molecules in various hematopoietic cells
- Session 8 **Aging and Disorders of Stem Cells**
Chairpersons: Harald Klüter, Jeroen Krijgsveld
- 09:15 – 09:35 Anne-Claude Gavin, *Heidelberg*
Omics profiling of HSC niche
- 09:35 – 09:55 Wolfgang Wagner, *Aachen*
How to keep your stem cells young – DNA methylation changes in aging
- 09:55 – 10:15 Jan Lohmann, *Heidelberg*
Control of stem cell identity:
Lessons from plants



- 10:15 – 10:35 Andreas Trumpp, *Heidelberg*
Molecular and cellular control of normal and leukemic stem cells
- 10:35 – 11:00 Coffee break
- Session 9 **Clinical Applications**
Chairpersons: Hanns-Martin Lorenz, Konrad Kohler
- 11:00 – 11:20 Jakob van Laar, *Utrecht, Netherlands*
Stem cell therapy in autoimmune disease – the facts
- 11:20 – 11:40 Michael Andreeff, *Houston, USA*
Leukemia stem cells
- 11:40 – 12:00 Hartmut Goldschmidt, *Heidelberg*
Role of autologous transplantation in pursuit of a cure
- Session 10 **Evolution of Cellular Immunotherapy**
Chairpersons: Michael Schmitt, Eric Rosenbaum
- 12:00 – 12:20 Hans-Jochem Kolb, *München*
Evolution of cellular immunotherapy after the first DLI
- 12:20 – 12:40 Gerhard Ehninger, *Dresden*
Engaging T-cells with leukemia
- 12:40 – 13:00 Klaus Cichutek, *Langen*
Stem cell based medicinal products – hopes and reality
- 13:00 – 13:45 Key-note lecture
Malcolm Brenner, *Houston, USA*
Driving CAR-T cells beyond B-cell malignancy
- 13:45 – 14:45 Lunch

Contact

Nicole Opitz
E-mail: Nicole.Opitz@med.uni-heidelberg.de
Im Neuenheimer Feld 410 | 69120 Heidelberg
Phone: +49 6221 56-8001 | Fax: +49 6221 56-5813
Christiane Wickenhöfer
E-mail: wickenhoefer.kongress@gmail.com

www.heidelberg-stemcell2016.de

Please register via E-mail by February 29, 2016

sekretariat.ho@med.uni-heidelberg.de
Participation is free of charge.

Sponsors

1,500 € 10,000 € 3,000 €
15,000 € 7,000 € 3,000 €
1,500 € 15,000 €
2,500 € 1,000 € 1,500 €

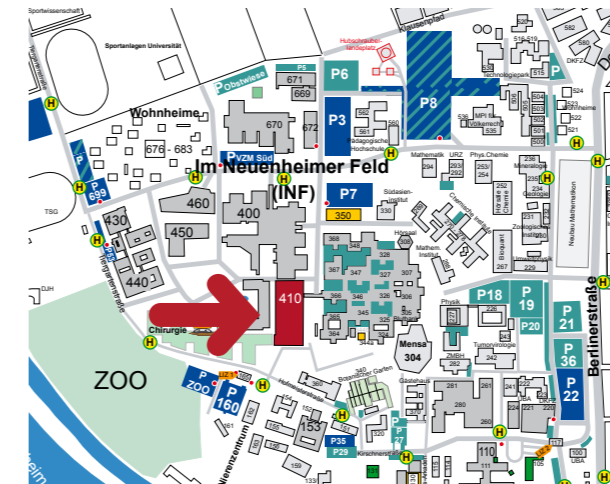
Partners

Conference Locations

→ **March 31, 2016**
Neue Aula, Universität Heidelberg
Universitätsplatz, 69117 Heidelberg



→ **April 1-2, 2016**
Lecture hall, Medical Center, Department of Medicine
Im Neuenheimer Feld 410, 69120 Heidelberg



UniversitätsKlinikum Heidelberg

Stem Cell Therapy – Facts and Myths

March 31 – April 2, 2016

Dept. of Medicine V
Hematology, Oncology, Rheumatology
Director & Chair: Anthony D. Ho

Final Program



www.heidelberg-stemcell2016.de



Dear Colleagues and Friends,

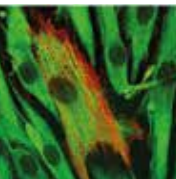
May I extend a cordial invitation to you to a Special Symposium „Stem Cell Therapy – Facts and Myths“ to be held from March 31, 2016 to April 2, 2016 in Heidelberg.

The Department of Medicine V (Hematology, Oncology & Rheumatology), Ruprecht-Karls-University, Heidelberg, Germany, will be celebrating the 30th anniversary of the first successful transplantation using hematopoietic stem cells (HSC) derived from peripheral blood instead of the bone marrow, performed 1985 and published in February 1986. Ever since then, stem cell research and stem cell transplantation have remained a major component of the Department.

In addition, the Baden-Württemberg Foundation has organized a satellite symposium on March 31 in the Neue Aula to earmark twelve years of promotion and support for adult stem cell research in the State of Baden-Württemberg. This is followed by the main scientific symposium from April 1 to April 2, 2016, at the Department of Medicine, Medical Center of the University.

With kindest regards,

Anthony D. Ho, MD, FRCPC
Professor & Chair
Department of Medicine V
Ruprecht-Karls-University
Heidelberg



Scientific Program

Thursday, March 31, 2016

Satellite Symposium of the Baden-Württemberg Foundation
www.bwstiftung.de

→ Neue Aula, Universität Heidelberg

Universitätsplatz, 69117 Heidelberg

Opening

08:30 – 08:35 **Christoph Dahl**, *Managing Director, Baden-Württemberg Foundation*

08:35 – 08:40 **Wolfgang Herzog**,
Dean Faculty of Medicine, Heidelberg

Session 1 Stem Cells and Niche
Chairpersons: **Alwin Krämer, Stefan Meurer**

08:40 – 09:05 **Petra Boukamp**, *Heidelberg*
The niche: A determinant for stem cell maintenance and function in normal skin and skin carcinomas

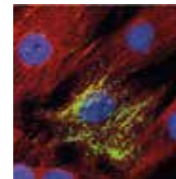
09:05 – 09:30 **Xi Xi He**, *Kansas City, USA*
Dynamic interaction between tumor initiating cells and immune response

09:30 – 09:55 **Gerd Klein**, *Tübingen*
Molecular and biophysical characterization of the human hematopoietic stem cell niche

09:55 – 10:20 **Lenhard Rudolph**, *Jena*
Mechanisms and targets to improve function and genetic stability of hematopoietic stem cells at aging

10:20 – 10:50 **Coffee break**

Session 2 Neuronal Stem Cells, Mitochondrial Damage
Chairpersons: **Anna Wobus, Christof von Kalle**



10:50 – 11:15 **Francesca Ciccolini**, *Heidelberg*
Quiescent stem cells in the adult mammalian brain

11:15 – 11:40 **Oliver Rothfuss**, *Tübingen*
Akt dependent regulation of self renewal in pluripotent stem cells

11:40 – 12:05 **Verdon Taylor**, *Basel, Switzerland*
Notch surprises in brain tumor formation and neural stem cell fate

12:05 – 12:50 **Key-note lecture**
Toshio Suda, *Tokyo, Japan*
Controlling growth and maturation of blood stem cells

12:50 – 14:00 **Lunch break**

Session 3 Hematopoietic Stem Cells and iPS
Chairpersons: **Motomu Tanaka, Rupert Handgretinger**

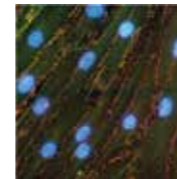
14:00 – 14:25 **Karin Scharffetter-Kochanek**, *Ulm*
Mesenchymal stem cells promote tissue repair

14:25 – 14:50 **Hanno Glimm**, *Heidelberg*
Functional and genetic heterogeneity in gastrointestinal cancers

14:50 – 15:15 **Jochen Utikal**, *Mannheim*
Differentiation of induced pluripotent stem cells into cutaneous lineages

15:15 – 15:40 **Claudia Lengerke**, *Basel, Switzerland*
The significance of selected stem cell proteines for the tumor biology of breast cancer

15:40 – 16:30 **Key-note lecture**
Armand Keating, *Toronto, Canada*
MSC for regenerative medicine, the way forward



Friday, April 1, 2016

→ **Lecture hall, Medical Center, Department of Medicine**
Im Neuenheimer Feld 410, 69120 Heidelberg

08:30 – 09:15 **Key-note lecture**
Hans Schöler, *Münster*
Small organs, great potential: Recent advances in stem cell research

Session 4 Molecular Fundamentals of Stem Cells
Chairpersons: **Peter Krammer, Konrad Beyreuther**

09:15 – 09:35 **Michael Boutros**, *Heidelberg*
Reading and writing in the genome

09:35 – 09:55 **Jochen Wittbrodt**, *Heidelberg*
Stem cells in growth and regeneration of the retina

09:55 – 10:15 **Christof Niehrs**, *Mainz*
Not so canonical Wnt signaling

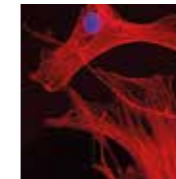
10:15 – 10:45 **Coffee break**

Session 5 Stem Cells and Niche
Chairpersons: **Hannah Monyer, Jürgen Hescheler**

10:45 – 11:05 **Tsvee Lapidot**, *Rehovot, Israel*
Metabolic regulation of blood and bone forming stem cells: The role of ROS and nitric oxide

11:05 – 11:25 **Linheng Li**, *Kansas City, USA*
Maintaining normal and targeting leukemia stem cells

11:25 – 11:45 **Suzanne Watt**, *Oxford, UK*
Vascular niche and hematopoietic regeneration



11:45 – 12:05 **Hellmut Augustin**, *Heidelberg*
Angiocrine signaling during tissue homeostasis and in the bone marrow stem cell niche

12:05 – 12:25 **Albrecht Müller**, *Würzburg*
Polycomb function in ESCs and HSCs

12:25 – 14:00 **Lunch break**

Session 6 Clinical Transplantations – the Way Forward
Chairpersons: **Rainer Haas, Klaus-Michael Debatin**

14:00 – 14:20 **Peter Dreger**, *Heidelberg*
Novel trends in allogeneic stem cell transplantation

14:20 – 14:40 **Dai-Hong Liu**, *Beijing, China*
Unmanipulated haploidentical PBSCT for high-risk hematologic malignancies: Outcomes and feature of GVHD compared with matched related PBSCT

14:40 – 15:00 **Helen Heslop**, *Houston, USA*
Virus specific T-cells – moving to standard of care

15:00 – 15:20 **Nicolaus Kröger**, *Hamburg*
Targeting MRD post transplant

15:20 – 15:40 **Ted Ball**, *San Diego, USA*
Checkpoint inhibition for treatment of relapse after allogeneic stem cell transplantation

15:40 – 16:00 **Coffee break**

Session 7 Clinical Transplantations – becoming obsolete?
Chairpersons: **Bernd Dörken, Wolf-Karsten Hofmann**

