

Pre-Xmas Symposium 2019

IPS Based Cell Therapies – from bench to bedside

Altes Rathaus Hannover, December 3rd - 4th, 2019

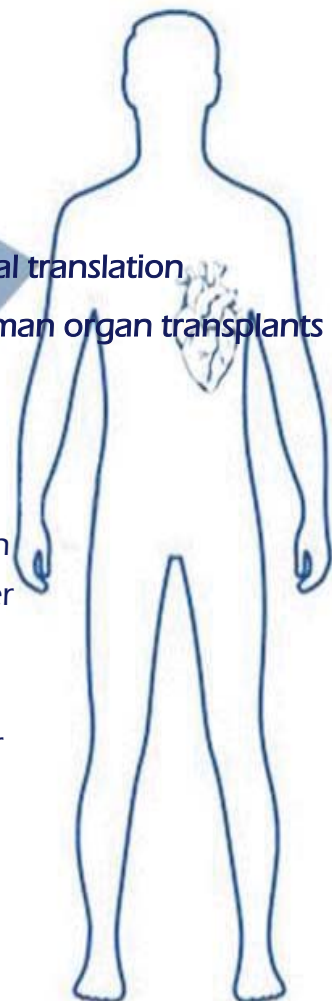
TOPICS

- iPS progeny production and the regulatory environment for cell therapies
- Sharing companies' perspectives and experience
- Safety risks and ethics in cell therapies
- Current State of the Art iPS based heart repair: large animal models and clinical translation
- Current State of the Art heart support and beyond: Technical devices and human organ transplants

CONFIRMED SPEAKERS

Paula Alves, Oeiras
 Peter Andrews, Sheffield
 Johann Bauersachs, Hannover
 Nissim Benvenisty, Jerusalem
 Paul Burrige, Chicago
 DASGIP, Eppendorf AG, Hamburg
 Ina Gruh, Hannover
 Michael Harder, Hannover
 Axel Haverich, Hannover
 Nils Hoppe, Hannover
 Michal Izrael, Israel
 Allan Karlsen, NovoNordisk AB, Denmark
 Ulrich Martin, Hannover
 Miltenyi Biotec GmbH, Bergisch Gladbach

Philippe Menasché, Paris
 Christine Mummery, Leiden
 Heiner Niemann, Hannover
 Bruno Reichart, Munich
 Yair Reisner, Houston
 Samir Sarikouch, Hannover
 Yoji Sato, Kawasaki
 Henrik Semb, Munich
 Joost Sluijter, Utrecht
 Dirk Strunk, Salzburg
 Thomas Thum, Hannover
 Gregor Warnecke, Hannover
 Wolfram Zimmermann, Göttingen
 Robert Zweigerdt, Hannover



Supported by strong partners!

Only €50,- participation fee (incl. catering and social event)

Organising Committee

TECHNOBEAT
 Consortium

Robert Zweigerdt
 Ulrich Martin
 Christine Mummery
 Peter Andrews

Joost Sluijter
 Kfir Molakandov
 Josef Itskovitz Eldor
 Dirk Strunk

Falk Schneider
 Katharina Kinast
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Details and Registration: www.mh-hannover.de/technobeat_symposium_2019.html

Industry Sponsors

Pre X-Mas Symposium

iPS Based Cell Therapies- From Bench to Bedside

Hannover, Altes Rathaus / Old City Hall, December 3rd -4th, 2019

Tuesday, December 3 rd	
Session I: hPSC progeny production and the regulatory environment for cell therapies	
09:00	Opening by the academic project leads / meeting sponsors R. Zweigerdt, U. Martin, T. Kempf, Miltenyi, Stemcell Industries etc.
09:15	Key Note: Christine Mummery (NL) hPSC cardiovascular progenies focusing on EC, pericytes / cardiac fibroblast and their potential for therapeutic applications
09:50	Paul Burrige (US) hPSC cardiomyocytes: Evolution of differentiation and application processes
10:15	Coffee break
10:45	Robert Zweigerdt (GER) Upscaling hPSC and progeny production including CMs, ECs and macrophages
11:10	Paula Alves (PT) TBD
11:35	Henrick Semb (DK) TBD
Session II: Sharing companies' perspective and experience	
12:00	Miltenyi (GER) TBD Making GMP / clinically compliant media for cell therapeutics
12:35	Lunch with poster session
14:00	Eppendorf with OVIZIO Materials, Technologies for manufacturing and monitoring cell therapeutics
14:40	Michal Izrael, Kadimastem (ISR) From hPSCs research to cell therapies for neurodegenerative disorders
15:05	Allan Karlsen, Novo Nordisk (DK) TBD
15:30	Michael Harder, Corlife (GER) Cell-free allografts: the long journey of a therapeutic idea
15:55	Coffee Break
Session III: (Genetic) Safety risks and ethics in cell therapies	
16:25	Key note: Nissim Benvenisty Genomic variants in pluripotent stem
17:00	Ulrich Martin Enrichment of Small Scale Genomic Variants during Reprogramming
17:25	Peter Andrews (UK) Origin, Mechanisms and Consequences of Chromosomal Aberrations in Pluripotent Stem Cells
17:50	Dirk Strunk (AT) Progress and risks in Mesenchymal Stromal Cell therapies
18:15	Nils Hoppe An ethicist's view on pluripotent stem cell therapies
18:40 Closing	
19:30 Evening Get-Together Gartensaal Neues Rathaus	

Wednesday, December 4th	
Session IV: Current State in the Art of iPS cell based heart repair: large animal models and clinical translation	
09:00	Key Note: Yoji Sato (JP) Updates to Japan's regulation and/or quality issues of PSCs for cell therapies
09:35	Joost Sluijter (NL) Optimisation of cellular retention
10:00	Ina Gruh (GER) hPSC-derived cardiac aggregate transplantation in non-human primates
10:25	Coffee Break
10:55	Wolfram Zimmermann (GER) hPSC-derived engineered heart tissue for transplantation in non-human primates
11:20	Phillippe Menasche (FR) hPSC-derived cardiomyocyte: clinical transplantation for heart repair
11:45	Poster session and lunch
Session V: Current State in the Art of heart support or replacement and beyond: Technical devices, human organ transplants	
13:15	Key Note Johann Bauersachs and Axel Haverich (GER) - Cardiologist's view on the current clinical practice for treating heart failure - Surgeon's view on the current clinical practice for treating heart failure / Organ care system
14:05	Gregor Warnecke (GER) Clinical heart transplantation: Current State, Limitations and Perspectives
14:30	Key Note Bruno Reichart (GER) Xenotransplantation: pig hearts for human heart replacement TBC
15:05	Heiner Niemann (GER) Cloning and Transgene Technologies in Xenotransplantation
15:30	Coffee Break
16:00	Yair Reisner (ISR) Clinical Tolerance induction in Organ Transplantation
16:25	Samir Sarikouch (GER) Challenges in choosing heart failure patients for first in man hPS cell therapy
16:50	Thomas Thum (GER) Supportive strategies to foster cardiac hPS cell therapies
17:15	Meeting Closing and Poster prize winner announcement