

_Program

Tuesday, March 24th

8:00 – 9:00 a.m.	_Registration	
from 9:00 a.m.	SPP 1356 'Pluripotency & Reprogramming': Reprogramming I	Chair: A. Müller
9:00 – 09:30 a.m.	_Austin Cooney, Houston Alternative pathways to maintain pluripotence	
09:30 – 10:00 a.m.	_Theodore Rasmussen, Storrs / Connecticut Direct reprogramming of somatic cells: From ES cell fusion to iPS	
10:00 – 10:30 a.m.	_Paul Robson, Singapore Insights into blastocyst formation revealed by single cell analysis	
10:30 – 11:00 a.m.	_Miodrag Stojkovic, Valencia Potential of embryonic and adult stem cells	
11:00 – 11:15 a.m.	_Coffee Break, Poster Session	
11:15 – 11:45 a.m.	Opening of the NRW-Meeting _Hans Schöler (Chair of the Managing Board) _Thomas Rachel (Staatssekretär BMBF)	
from 11:45 p.m.	Keynote Lectures	Chair: H. Schöler
11:45 – 12:30 a.m.	_John Gurdon, Cambridge/UK Nuclear reprogramming by eggs and oocytes	
12:30 – 1:15 a.m.	_Bartha Knoppers, Montreal Title to be announced	
1:15 – 2:30 p.m.	_Lunch Break, Poster Session	
from 2:30 p.m.	Reprogramming II	Chair: M. Zenke
2:30 – 3:00 p.m.	_Huck-Hui Ng, Singapore Deciphering and reconstruction of embryonic stem cell transcriptional regulatory network	
3:00 – 3:30 p.m.	_Alexander Meissner, Cambridge Dissecting the mechanism of reprogramming	

- 3:30 – 4:00 p.m. _Coffee Break, Poster Session
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- from 4:00 p.m. **Mechanisms Regulating the Stem Cell State** Chair: A. Faissner
- 4:00 – 4:30 p.m. _Ian Chambers, Edinburgh
Transcription factor control of ES cell self-renewal
- 4:30 – 4:45 p.m. _Junior Scientist
Title to be announced
- 4:45 – 5:15 p.m. _Niall Dillon, London
Combinatorial histone modifications and the epigenetic regulation of stem cell commitment and differentiation
- 5:15 – 6:45 p.m. **Poster Session**
- 6:45 – 7:00 p.m. _Transport and Networking Event at the Aula Carolina

Wednesday, March 25th

- 9:00 – 10:00 a.m. _Ethical Issues regarding Therapeutic Experiments (Panel Discussion)
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- from 10:00 a.m. **Stem Cell Differentiation** Chair: S. Schlatt
- 10:00 – 10:30 a.m. _Renee Reijo-Pera, Stanford
Human germ cell differentiation from hESCs and iPSCs
- 10:30 – 11:00 a.m. _Timm Schroeder, Munich
Tracking of stem cell behavior at the single cell level: New tools for old questions
- 11:30 – 11:45 a.m. _Coffee Break, Poster Session
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- from 11:45 a.m. **Cancer Stem Cells** Chair: T. Dittmar
- 11:45 – 12:15 a.m. _Maarten van Lohuizen, Amsterdam
Polycomb repressors controlling stem cell fate: Implications for cancer and development
- 12:15 – 12:30 a.m. _Junior Scientist
Title to be announced
- 12:30 – 1:00 a.m. _Andreas Trumpp, Heidelberg
Dormancy in stem cells
- 1:00 – 2:30 p.m. _Lunch Break, Poster Session

from 2:30 p.m.	Therapeutic Devices I	Chair: E. Tobiasch
2:30 – 3:00 p.m.	_ Benjamin E. Reubinoff, Jerusalem Human embryonic stem cell – towards future therapy of neurological disorder	
3:00 – 3:15 p.m.	_ Junior Scientist Title to be announced	
3:15 – 3:45 p.m.	_ Mathis Riehle, Glasgow Engineering cell function and differentiation in 2 and 3 dimensions with mirco- and nanotopographies	
3:45 – 4:15 p.m.	_ Refreshments	
from 4:15 p.m.	Therapeutic Devices II	Chair: O. Brüstle
4:15 – 4:45 p.m.	_ Christine Mummery, Utrecht Cardiomyocytes from human embryonic stem cells	
4:45 – 5:15 p.m.	_ Markus Grompe, Portland Hepatic stem cells and their medical use	
following	Poster Awarding and Conclusion	