

10th International Meeting

From Fundamental Biology to Translational Concepts

March 29/30, Virtual Conference
Stem Cell Network North Rhine-Westphalia



Program (2021-03-04)

March 29, 2021		
09:00	Opening of the Meeting	
9:00 AM	Oliver Brüstle	Chairman Stem Cell Network NRW; University of Bonn School of Medicine & University Hospital Bonn
	<i>Opening Remarks</i>	
9:10 AM	Isabel Pfeiffer-Poensgen	Ministry of Culture and Science of the German State of North Rhine-Westphalia
	<i>Welcome from the Ministry</i>	
09:15 - 10:40 AM	#1 Organoids – Scientific and Ethical Aspects	
9:15 AM	Ryuichi Nishinakamura	Kumamoto University
	<i>"Organoid-based analysis of human kidney development and disease"</i>	
9:45 AM	Annelien Bredenoord	University Medical Center Utrecht
	<i>"The ethics of organoid technology"</i>	
10:20 AM	Meet the Speaker: Ryuichi Nishinakamura	Meet the Speaker: Annelien Bredenoord
10:40 - 12:20 AM	#2 Epithelial and Stromal Stem Cells	
10:40 AM	Cédric Blanpain	Université Libre de Bruxelles
	<i>"Mechanisms regulating multipotency in epithelial stem cells"</i>	
11:10 AM	Abstract talk – speaker tba	
11:25 AM	Massimo Dominici	University Hospital of Modena and Reggio Emilia Modena
	<i>"Mesenchymal stromal cells between cancer and covid-19"</i>	
12:00 PM	Meet the Speaker: Cédric Blanpain	Meet the Speaker: Massimo Dominici
12:20 - 02:30 PM	Industry Exhibition	
01:30 - 02:30 PM	Pitch your Research - Topics 1-4	
02:30 - 04:10 PM	#3 Stem Cells in a Dish: Mechanisms of Differentiation in Complex Model Systems	
2:30 PM	Christine Mummery	Leiden University
	<i>"Human pluripotent stem cells as cardiovascular disease models: challenges and solutions"</i>	
3:00 PM	Nicolas Rivron	IMBA Wien
	<i>"Blastoids model blastocyst development and implantation"</i>	
3:30 PM	Abstract talk – speaker tba	
3:50 PM	Meet the Speaker: Christine Mummery	Meet the Speaker: Nicolas Rivron
04:10 - 05:15 PM	Industry Exhibition	
04:10 - 05:15 PM	Pitch your Research - Topics 5-7	
05:15 - 06:50 PM	#4 From Stem Cell Programming to CNS Disease	
5:15 PM	Michael Ziller	Max Planck Institute of Psychiatry, Munich
	<i>Title tba</i>	
5:45 PM	Abstract Talk - speaker tba	
6:00 PM	Marius Wernig	Stanford University
	<i>"Next generation cell therapies for the brain"</i>	
6:35 PM	Meet the Speaker: Michael Ziller	Meet the Speaker: Marius Wernig

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09:00 - 10:40 AM #5 Hematopoiesis		
9:00 AM	Alexander Medvinsky	University of Edinburgh <i>"Mechanisms of hematopoietic stem cell development in the mammalian embryo"</i>
9:30 AM	Elaine Dzierzak	University of Edinburgh <i>"Stochastic events in hematopoietic stem cell fate acquisition"</i>
10:00 AM	Abstract talk - speaker tba	
10:20 AM	Meet the Speaker: Alexander Medvinsky	Meet the Speaker: Elaine Dzierzak
10:40 - 11:25 AM Industry Exhibition		
10:40 - 11:25 AM Pitches - Topics 1-4		
11:25 - 01:00 PM #6 Engineering Regeneration		
11:25 AM	Carsten Werner	Dresden University of Technology <i>"Polymer networks to direct tissue formation"</i>
11:55 AM	Abstract talk - speaker tba	
12:10 PM	Ivan Martin	University of Basel <i>"Regenerative engineering: designing grafts, processes and signals"</i>
12:40 PM	Meet the Speaker: Carsten Werner	Meet the Speaker: Ivan Martin
01:00 - 02:30 PM Industry Exhibition		
01:45 - 02:30 PM Pitches - Topics 5-7		
02:30 - 04:10 PM #7 Epigenetics and Single Cell Genomics		
2:30 PM	Wolf Reik	Babraham Institute, Cambridge <i>"Single cell epigenome landscape of development and aging"</i>
3:00 PM	Abstract talk - speaker tba	
3:15 PM	Henk Stunnenberg	Princess Máxima Center for Pediatric Oncology, Utrecht <i>Title tba</i>
3:50 PM	Meet the Speaker: Wolf Reik	Meet the Speaker: Henk Stunnenberg
04:10 - 04:45 PM Industry Exhibition		
04:45 - 06:30 PM #8 Mending the Brain: Clinical Studies & Ethical Considerations		
4:45 PM	Meet the Speaker: Roger Barker	Meet the Speaker: Henry Greely
5:15 PM	Roger Barker	Cambridge University <i>"How can we best test stem cell therapies for brain repair in patients?"</i>
5:45 PM	Abstract talk - speaker tba	
6:00 PM	Henry Greely	Stanford University <i>"Ethical issues in clinical trials of stem cell-based brain therapies"</i>
06:30 - 06:45 PM Closing Remarks		
6:30 PM Pitch Award		
6:40 PM	Peter Horn	Spokesperson of the Representatives' Meeting of the Stem Cell Network NRW; University Hospital Essen