

ASSCR ANNUAL MEETING 2025

Sept. 25+26, 2025

IMP Lecture Hall
Campus-Vienna-Biocenter 1
1030 Wien

WORKSHOPS Sept. 24

- Stem Cell Apheresis (ÖRK)
- Spectral Flow Cytometry (Vienna ONE)
- EV Analysis + Sorting (Vienna ONE)
- 5-color ELISPOT (ÖRK)
- Desktop Sequencing (Vienna Biocenter)

Keynote Lectures:

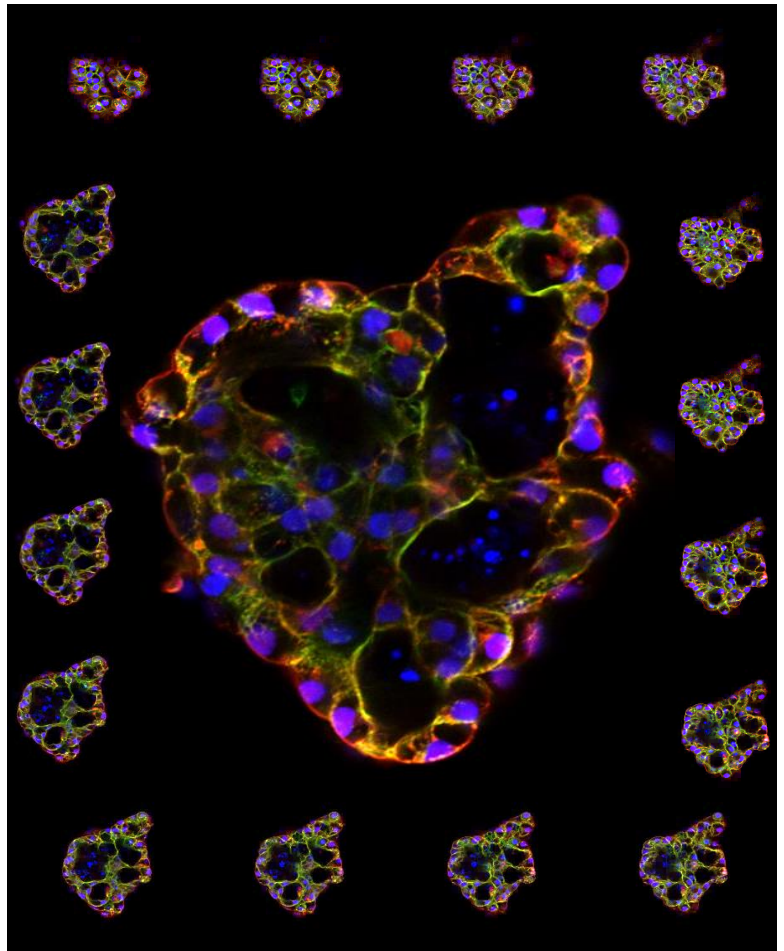
Nissim Benvenisty
Valéria Orlova
Kristina Stapornwongkul
Giuseppe Testa

ASSCR Keynotes:

Jürgen Knoblich
Markus Hengstschläger
Dirk Strunk
Elly Tanaka

Invited Lectures:

Nicole Amberg
Francesca Barbieri
André Görgens
Paulina Latos
Anne Miller
Robert Oostendorp
Anna Osnato



Local Organizers: Elly Tanaka, Jürgen Knoblich, Markus Hengstschläger, Dirk Strunk

SPECTRAL

FLOW CYTOMETRY MEETS

MODULARITY



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DAY 1: Thursday Sept. 25



Start	End	Duration	Session	Title
09:00	10:00	01:00	Registration / industry exhibition	
10:00	10:15	00:15	Welcome note from the president of ASSCR & from platinum sponsor	Welcome + organizational introduction
10:15	10:45	00:30	Session 01 - Elly Tanaka	Aging and regeneration: from axolotls to human
10:45	11:00	00:15	Katherina Tavernini	BMP4 induces a quiescent-like state in human radial glia
11:00	11:15	00:15	Saku Wong	Cerebral organoids model postnatal interneuron migration in the human cortex
11:15	11:30	00:15	Nicole Amberg	Modeling oncogenic transformation in neural stem cells using patient-derived iPSCs
11:30	12:00	00:30	Coffee break / industry exhibition	
12:00	12:30	00:30	Session 02 - Dirk Strunk	EV or not EV
12:30	12:45	00:15	André Görgens	Unravelling extracellular vesicle (EV) heterogeneity by flow cytometry - blood, sweat & tears
12:45	13:00	00:15	Rodolphe Poupardin	Heparin augments functional pro-angiogenic iPS-EV propagation by inhibiting vesicle reuptake
13:00	14:15	01:15	Lunch break & group picture	
14:15	14:45	00:30	Session 03 - Jürgen Knoblich	Brain Organoids
14:45	15:00	00:15	Georg Busslinger	The transcription factor FOXA2 is a key regulator of gastric foveolar cell differentiation
15:00	15:15	00:15	Angeliki Spathopoulou	Characterization of naive human neuroepithelial stem/progenitor cells with unlimited self-renewal and broad neurogenic potential
15:15	15:30	00:15	Francesca Barbieri	Impact of autism spectrum disorder-risk genes on human neural stem cell proliferation and survival
15:30	16:00	00:30	Coffee break / industry exhibition	
16:00	16:45	00:45	Poster viewing	IMBA Atrium
16:45	17:45	01:00	Poster walk – authors present	Beverages & pretzels in Atrium
17:45	21:45	04:00	Social evening	Dinner on site plus DJ

DAY 2: Friday Sept. 26

Start	End	Duration	Session	Title
09:00	09:30	00:30	Session 04 - Nissim Benvenisty	Genetic and epigenetic stability of human pluripotent stem cells
09:30	09:45	00:15	Klaus Fortschegger	A stem cell differentiation model reveals two alternative fates during initiation of CBFA2T3::GLIS2-driven acute megakaryoblastic leukemia
09:45	10:00	00:15	Birgit Ritschka	Modeling aging in hESC-derived retinal pigment epithelial cells
10:00	10:15	00:15	Anne Miller	Nuclear metabolism sustains the epigenetic state during liver homeostasis and regeneration
10:15	10:45	00:30	Coffee break / industry exhibition	
10:45	11:15	00:30	Session 05 - Kristina Stapornwongkul	Metabolic control of embryonic development
11:15	11:30	00:15	Georg Csukovich	Effects of glycolysis and glycosylation on HOX timer and developmental tempo
11:30	11:45	00:15	Robert Oostendorp	Stromal control of hematopoiesis
11:45	12:15	00:30	Giuseppe Testa	From cells to selves and back: stem cell-based modelling of human neurodiversity at single cell resolution
12:15	14:00	01:45	Lunch break + general assembly for members	General assembly (board election)
14:00	14:30	00:30	Session 06 - Valéria Orlova	Patient-specific cardiovascular disease models using hiPSC technology and vascularized 3D tissues
14:30	14:45	00:15	Nicole Maeding	Deep immune-phenotyping of HLA-homozygous iPSC-cardiomyocytes
14:45	15:00	00:15	Abel Vertesy	Synaptic connectivity mapping in human cortical organoids finds neuronal subtypes defined by connectivity and aberrant wiring in TSC
15:00	15:30	00:30	Coffee break / industry exhibition	
15:30	16:00	00:30	Session 07 - Markus Hengstschläger	Modeling human embryogenesis
16:00	16:15	00:15	Martin Leeb	Understanding the molecular logic of human peri-implantation development
16:15	16:30	00:15	Paulina Latos	Repressive mechanisms in trophoblast identity
16:30	16:45	00:15	Anna Osnato	Blastoids: elucidating the molecular determinants and evolution of the timing of human blastocyst implantation
16:45	17:15	00:30	Awards: Best poster & best oral presentation & farewell notes	
17:15			End of meeting	

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 FOR THEIR SUPPORT AND IN PARTICULAR TO
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