

Participation Type	Full Name	Affiliation/Organization	Poster Title	Talk Title
Poster Presenter	Akhilesh Kumar	University of Minnesota, Twin-City	Fine-Tuning BCL11B Timing Unlocks Potent NK Cell Differentiation and Cytotoxicity from Human Pluripotent Stem Cells	
Organizer	Alessandro Bertero	University of Torino		
Poster Presenter	Ana Santos	Seattle Children's Research Institute	The Impact of PDGFRB Variants on Cerebellum Development	
Poster Presenter	Anala Shetty	University of Minnesota	Single Cell Multiomics Approach to Analyze Replication Timing and Gene Expression in Mouse Preimplantation Embryos	
Poster Presenter	Andrea Hauserová	University of South Bohemia in Ceske Budejovice	p38-MAPK Signalling in Lineage Specification of Mouse Blastocyst	
Attendee	Andrea Murillo	The Company of Biologists		
Attendee	Andrew Johnson	Allen Institute		
Poster Presenter	Anthony Galenza	Stanford University School of Medicine	Membrane-Bending Proteins Promote Formation of a Curved Apical Domain During De Novo Polarization in Drosophila Intestinal Stem Cell Progeny	
Poster Presenter	Aradhana Kasimsetty	National Center for Advancing Translational Sciences (NCATS) at the National Institutes of Health (NIH)	Developing iPSC-derived 3D Outer Blood-Retinal Barrier Disease Models of Choroideremia for Gene Therapy Evaluation	
Poster Presenter	Arata Wakimoto	University of Washington	Notochord-Competent Human Gastruloids for Mapping Dorsal-Ventral Axis Formation	
Speaker	Ariel Waisman	FLENI		Building a Platform to Induce and Accurately Measure Proliferation in Mature Human Cardiomyocytes as a Model for Cardiac Regeneration
Poster Presenter	Arlene Anicete	University of Southern California	Utilizing Organoid Protocol Optimization to Develop Educational Infrastructure at USC's ASCEND Shared Resource Laboratory	
Attendee	Arun Sharma	The Stem Cell Podcast		
Short Talk	Ashley Libby	University of Toronto		In Vivo Cell Lineage Tracing Reveals Early Segregation of Trunk Neural Crest
Poster Presenter	Ayşe Damla Durmaz	California Institute of Technology	Cell Competition as a Quality Control Mechanism During Development	
Attendee	Behshad Pournasr	The Citadel		
Attendee	Benjamin Winer	New York University		
Poster Presenter	Bradley Hoskin	University of British Columbia, British Columbia Cancer Research Institute	Hepatomesenchymal Cell Plasticity and Contributions in the Liver	
Attendee	Bryan Yi	Astellas Pharmaceuticals		
Speaker	Can Aztekin	Max Planck Institute		Signaling Centers of Appendage Regeneration: From Frogs to Mammals
Poster Presenter	Carina Mae	Pluristyx	Polyclonal iPSC Reprogramming Using High-Efficiency Footprint-Free mRNA Enables Rapid and Scalable Manufacturing for NAM Applications	

Poster Presenter	Carly Gultinan	University of California, Santa Cruz	Self-Organization of Human Embryonic Stem Cells into Embryo Models by Multiplexable Epigenome Editing	
Attendee	Carole LaBonne	Northwestern University		
Poster Presenter	Carolyn Sangokoya	University of California, San Francisco	Genetically-Encoded Iron Sensors Enable Functional Screening to Reveal Metabolic Levers of Stem Cell State and Fate	
Poster Presenter	Casey Griffin	New York University	Human Stem Cell Model of Neural Crest Cell Differentiation Reveals a Requirement of SF3B4 in Survival, Maintenance, and Differentiation	
Attendee	Catalina Amurrio Zamora	Arizona State University		
Poster Presenter	Catherine Hamann	Neural Stem Cell Institute/Regenerative Research Foundation	An Assembloid Model Of Frontotemporal Dementia With MAPT Mutations	
Attendee	Chris Price	STEMCELL Technologies		
Attendee	Claudia Feng	Springer Nature		
Speaker	Claudia Vásquez	University of Washington		Learning How Cells Multi-task and Collaborate to Build an Organ
Speaker	Crystal Rogers	University of California, Davis		Beyond the Transcriptome: Microtubule Reprogramming Drives Neural Crest EMT
Poster Presenter	Danyang Wang	University of Washington	Derivation of Theca Stem Cells from Human Pluripotent Stem Cells and Ovarian Tissue	
Poster Presenter	Davoneshia Lollis	Duke University	Exploring Pleiotropy of the Human-Specific Enhancer HARE5 in Brain Development and Evolution	
Poster Presenter	Deniz Kesmen	University of North Carolina Chapel Hill	Novel Function of Pro-Apoptotic BIK in Neuronal Differentiation	
Poster Presenter	Ed Zandro Taroc	NIDCR	Human Ectodermal Organoids Reveal the Cellular Origin of DiGeorge Syndrome	
Poster Presenter	Elisa Balmas	University of Turin	Single cell Transcriptional Perturbome in Pluripotent Stem Cell Models	
Poster Presenter	Elise Loffet	Columbia University	Buckling Asymmetry of the Duck Small Intestine Reveals Putative Regulators of Tissue Mechanics	
Attendee	Elizabeth Kim	STEMCELL Technologies		
Attendee	Eric Brunskill	NIH / National Institute of Diabetes and Digestive and Kidney Diseases		
Attendee	Eric Steven Sevilla	Neurona Therapeutics		
Organizer	Evan Graham	BioLamina		
Attendee	Feimei Zhu	Harvard University / Joslin Diabetes Center		
Short Talk	Feyza Nur Arslan	École Polytechnique Fédérale de Lausanne (EPFL)		Mechanical Regulation of the Segmentation Clock

Poster Presenter	Fiona Daly	National Center for Advancing Translational Sciences, National Institutes of Health	Small Molecule Modulation of Lineage Bifurcation Between Cortico-Thalamic and Hypothalamic Neuronal Fates from Human Pluripotent Stem Cells	
Poster Presenter	George Chen	Children's Hospital Los Angeles	Characterization of Kleefstra Syndrome and KMT2C-related disorders using patient-derived cortical organoids.	
Speaker	Gianluca Amadei	University of Padova		Modelling Development and Developmental Perturbations with Mouse Embryo-like Structures
Attendee	Gokhan Dalgin	Allen Institute		
Poster Presenter	Hae Ryong Kwon	Oklahoma Medical Research Foundation	PDGFRbeta Signaling Promotes Marrow Genesis During Postnatal Calvaria Development	
Attendee	Hailee Herbst	Astellas Pharmaceuticals		
Poster Presenter	Hanh Truong	Emory University	Importin9 Impacts the Hedgehog Response via Regulating GLIs	
Attendee	Hannah Thorp	Allen Institute		
Poster Presenter	Hayden Bhavsar	University of Washington	A Gene Expression Atlas Resolves Osteoblast Transcriptional Heterogeneity in a Zebrafish Bone	
Organizer	Helen Willsey	University of California, San Francisco		
Short Talk	Ian Swinburne	University of California, Berkeley		Paracrine and Endocrine Regulation of Ear Pressure Homeostasis by Spatially Restricted Failure
Organizer	Ida Chow	Society of Developmental Biology		
Short Talk	Ignas Mazelis	Harvard Medical School		Establishing Semi-Permeable CAGES for Combinatorial Mapping of Signal-Driven Cell Fate Decisions
Poster Presenter	Isabel Mejia Natividad	University of Washington	Mapping F-actin Dynamics and Rho1/Cv-c Signaling Axis During Tubule Extension	
Poster Presenter	Isha Verma	University of Michigan, Ann Arbor	Highly Efficient Generation of GABAergic Neurons from Human Stem Cells based on Transcription Factor Overexpression Using PiggyBac Transposon System	
Attendee	Isla Xiao	University of British Columbia		
Poster Presenter	J. Raul Perez-Estrada	Miami University	Metabolic Regulation of Newt Eye Formation in Development and Regeneration	
Poster Presenter	Jennifer Kong	University of Washington	Ubiquitin Signaling at the Plasma Membrane: Adapter-Mediated Control of Receptor Abundance	
Poster Presenter	Jessica Welton	University of Toronto	A Fully Integrated, Hormone-Responsive Human Endometrial Assembloid Models Multicellular Implantation Remodeling	
Attendee	Joe Tucker	STEMCELL Technologies		
Poster Presenter	Jonathan Dawson	Whitworth University	Dynamics of Spatiotemporal Patterning of Contact-Based Cellular Signals in a Growing Tissue in vivo	
Poster Presenter	Joseane Righes Marafija	University of California, San Francisco	Cell-Based Therapy for Absence Epilepsy: Transplantation of MGE-Derived Progenitor Cells	

Poster Presenter	Joseph Campanale	University of Nevada Las Vegas	Leaders Can't Lead Without Followers: The Discovery of a Polarity Regulated Rac Activity Pathway in Follower Border Cells.	
Poster Presenter	Juste Levitt	University of California, Santa Cruz	CXCL10 - Mediated Acute Cardiac Responses in Severe Influenza A Virus (IAV) Infection	
Poster Presenter	Juyoun Yoo	Columbia University	The Role of Chromatin Remodeler CHD8 in Neuronal Maturation and Early Postnatal Circuit Wiring	
Attendee	Ka Man Lee	Cryolife HK		
Poster Presenter	Kagistia Hana Utami	Duke-NUS Medical School	Corticospinal Assembloids Reveal Early TDP-43 Pathology and Network Dysfunction in Amyotrophic Lateral Sclerosis	
Attendee	Kaitlyn Bear	BioLamina		
Attendee	Katie Payte	BioLamina		
Poster Presenter	Kayleigh Hackett	NIDCR	Investigating DiGeorge Region Protein Loss in Control and Patient Cells	
Organizer	Ken Cho	University of California, Irvine		
Poster Presenter	Laura Stump	University of Utah	Building a Bilayer: How Epithelial Layers Form and Integrate in Embryonic Skin	
Poster Presenter	Lauren Jennings	Mayo Clinic Graduate School of Biomedical Sciences	Oxygen as a Factor to Improve the Generation of Mature Stem Cell-Derived Pancreatic Beta Cells	
Poster Presenter	Lei Gao	University of Washington	Axon Pathfinding Regulation by Altering Ephrin Signaling	
Speaker	Leslie Sepaniac	University of Wisconsin		Cdc42 Waves Impact Spindle Positioning in a Vertebrate Model
Poster Presenter	Liza Panova	Pluristyx	Standardized High Density iPSCs as a Starting Material for Scalable and Reproducible Organoid Workflows	
Poster Presenter	Lizza Roman	Cincinnati Children's Hospital	Understanding Tissue Resident Macrophage Development by Using Human-Derived Pancreatic Organoids	
Poster Presenter	Loïc Fort	The University of Texas at Arlington	Actomyosin Contractility is a Potent Suppressor of Mesoderm Induction by Human Pluripotent Stem Cells	
Poster Presenter	Louis Prah	University of Colorado Boulder	Optogenetic Budding Morphogenesis in Kidney Organoids	
Speaker	Lynn Yap	Nanyang Technological University		Eavesdropping on the Ischemic Heart: Spatial Transcriptomics Reveals Midkine-Mediated Angiogenesis from Human Cardiovascular Progenitor Grafts
Poster Presenter	M. Fernanda Palominos	University of California, Berkeley	Discovery of New Genes Underlying Rapid Craniofacial Evolution Using Comparative Multi-Omics in Pupfishes	
Attendee	Mahua Mukhopadhyay	NIH		
Attendee	Maranke Koster	NIH		
Poster Presenter	Marguerite Blignaut	Stellenbosch University	Metabolic Manipulation and Mitochondrial Dysregulation of Cardiac Spheroid Models	

Poster Presenter	Markus Merk	University of California Santa Barbara	Hypertrophic Cardiomyopathy Mutations Impair Contractility-Driven Nematic Order in Human Cardiac Organoids	
Speaker	Marta Shahbazi	Not registered, virtual talk / MRC Laboratory of Molecular Biology		Aneuploidy and Its Impact on Human Development
Poster Presenter	Megan Schreiber	University of Southern California	Understanding HNF1B Function and Dysfunction with Human Kidney Organoid Models	
Attendee	Mia Yang	University of Washington		
Poster Presenter	Negar Hosseini	University of Southern California	Investigating Human-Specific Drivers of Cerebellar Evolution	
Attendee	Nicole Lav	University of California, San Diego; Salk Institute		
Attendee	Nicole Quinn	STEMCELL Technologies		
Attendee	Nina Yao	Genentech		
Attendee	Nobuhiko Hamazaki	University of Washington		
Poster Presenter	Olivia Justynski	University of California, Los Angeles	Characterizing Migratory Cell Differentiation in Developing Zebrafish Skin	
Poster Presenter	Oscar Alberto de la Fuente	University of Southern California	Dissecting hand2 Gene Regulation in Cardiac Development through Cis-Regulatory Element Discovery and Multiplexed DNA-RNA Imaging	
Poster Presenter	Pelin Yasar	National Institute of Environmental Health Sciences, National Institute of Health	Lineage-Derived Mammary Organoids Exhibit Distinct Hormone Responses Independent of Receptor Abundance	
Poster Presenter	Princess Ngwu	Rust College	The Role of TNSL-1 in DNA Damage Repair and RNAi	
Poster Presenter	Razieh Jaberli	University of California Riverside	Concussive Injury Modulates Neurogenesis and Circuit Function in Human Forebrain Organoids	
Poster Presenter	Riddhiman Garge	University of Washington	Multi-omic Approaches to Understand the Proteomic Landscape and Temporal Dynamics of Mammalian Gastruloid Development	
Attendee	Ruri Maekawa	University of Tokyo/University of Washington		
Poster Presenter	Ryan Finnel	Vanderbilt University	Two Distributed Enhancers of Sox17 Regulate the Developmental Fate of the Ventral Pancreas and Gallbladder in an Additive and Temporally Dependent Manner	
Speaker	Sadao Ota	University of Tokyo		Cells in Capsules: Making Stem Cell Models Simple, Scalable, and Programmable
Attendee	Sajad Bhat	University of New Mexico		
Attendee	Sarah Helmueller	University of Southern California		
Poster Presenter	Sarah John	University of Washington	Aberrant Hippo Signaling due to TAOK1 Mutation Leads to Brain Organoid Overgrowth	
Attendee	Sema Aygar	Harvard / Massachusetts General Hospital		

Short Talk	Seungmae Seo	University of Maryland Eastern Shore		Emergence of Self-Assembled Niche Structures Modulates Hematopoietic Differentiation from Human iPSCs
Poster Presenter	Shicong Xie	Stanford University	Shaping Cellular Destinies: How Cell and Tissue Geometry Dictates Stem Cell Fate in the Adult Mammalian Epidermis	
Poster Presenter	Simoni Avansini	University of Campinas	Human Assembloids Recapitulate Morphological Features of the Developing Fetal Brain	
Poster Presenter	Sylvia Nunez	University of Colorado Anschutz Medical Campus	Single-Cell Multiomics Analysis Unveils the Isthmus Region of the Embryonic Central Nervous System is Comprised of Heterogeneous Cell Subpopulations	
Poster Presenter	Tanvi Sinha	University of California, San Francisco	Cardiac Outflow Restricted Gene Expression is Achieved via Tbx5-Dependent Repression	
Poster Presenter	Ty Weaver	Morgridge Institute for Research	Fluorescence Lifetime Imaging of Mitochondrial Dysfunction in Rotenone-Induced iPSC-Derived Cardiomyocyte Disease Models	
Poster Presenter	Tzu Chia Liu	University of California, Irvine	Identifying Vessel Promoting MicroRNA from Human Neural Stem and Progenitor Cells	
Organizer	Valentina Greco	Yale University		
Attendee	Wally Baker	Biotechnie		
Organizer	Whitney Edwards	University of North Carolina		
Poster Presenter	Xinwen Zhu	University of British Columbia	Prolonged Pancreatic Progenitor Expansion Shifts Cells Toward Alternative Cell Fates	
Poster Presenter	Yesh Doctor	University of California San Diego	A Perturbation Cell Atlas of KOLF2.1J hiPSCs Reveals Transcriptional and Post-Transcriptional Regulators of Cell State	
Poster Presenter	Zong-Yuan Liu	University of Michigan	Endogenous FGFs Drive ERK-dependent Cell Fate Patterning in 2D Human Gastruloids	