





Oral Program

Sunday, January 28, 2018

12:00	Registration <i>Lower Promenade</i>
14:15-14:30	Welcome and Opening Remarks <i>Jasmine Room</i>
14:30-17:55	Session 1: Reprogramming <i>Jasmine Room</i>
14:30-15:10	Feodor Lynen Lecture [K01] The Emerging Role of Pluripotent Stem Cells in Translational Studies of Tissue Repair: Emphasis on Cardiac Injury J. Hare, <i>University of Miami Miller School of Medicine, USA</i>
15:10-15:25	[Spotlight 01] To be selected from submitted abstracts
15:25-16:00	[INV01] Induced Pluripotency and Epigenetic Reprogramming K. Hochedlinger, <i>Harvard University, USA</i>
16:00-16:30	Coffee break <i>Hibiscus Room / Upper & Lower Promenade</i>
16:30-17:05	[INV02] Can Patient-Specific Islets of Langerhans Be Generated in Pigs? H. Nakauchi, <i>Stanford University, USA</i>
17:05-17:20	[Spotlight 02] To be selected from submitted abstracts
17:20-17:55	[INV03] Mammalian Germline: Specification and Reprogramming for Totipotency A. Surani, <i>University of Cambridge, UK</i>
17:55-19:00	Drinks Reception & Networking <i>Riverwalk Terrace</i>

Monday, January 29, 2018

09:00-09:15	Welcome from the University of Miami Miller School of Medicine <i>Jasmine Room</i>
09:15-12:25	Session 2: Differentiating Stem Cells <i>Jasmine Room</i>
	Sponsored by  Agilent
09:15-09:55	Lifetime Achievement Award [K02] Stem Cells Differentiation J. Gurdon, <i>University of Cambridge, UK</i>
09:55-10:30	[INV04] Gene Editing In Human Pluripotent Stem Cells G. Keller, <i>Princess Margaret Cancer Centre, University Health Network, USA</i>
10:30-11:00	Coffee break <i>Hibiscus Room / Upper & Lower Promenade</i>
11:00-11:35	[INV05] Retinal Pigment Epithelial Cells S. Temple, <i>Neural Stem Cell Institute, USA</i>
11:35-11:50	[Spotlight 03] To be selected from submitted abstracts
11:50-12:25	[INV06] Mechanisms of quiescence, activation and differentiation in adult mesenchymal stem cells of the liver Dieter Häussinger, <i>Heinrich Heine Universität, Germany</i>
12:25-13:55	Lunch and Poster Session 1 <i>Hibiscus Room / Upper & Lower Promenade</i>
12:45-13:45	Workshop: An Army Marches on Its Metabolism In Vitro A.D. Henn, <i>BioSpherix, Ltd., USA</i>
	Sponsored and Delivered by 

13:55-18:00	Session 3: Hematopoietic Stem Cells Jasmine Room
13:55-14:35	Special Achievement Award [K03] Hematopoietic Stem Cells & Perivascular Niche I. Weissman, <i>Stanford University, USA</i>
14:35-14:50	[Spotlight 04] To be selected from submitted abstracts
14:50-15:30	Special Achievement Award [K04] Stemness Properties in AML: Are They Relevant? J. Dick, <i>Princess Margaret Cancer Centre, University Health Network, Canada</i>
15:30-16:15	Coffee break and Poster Session 1 continued <i>Hibiscus Room / Upper & Lower Promenade</i>
16:15-16:50	[INV07] Hematopoietic Stem Cell Maintenance During Homeostasis & Regeneration P.-S. Frenette, <i>Albert Einstein College of Medicine, USA</i>
16:50-17:25	[INV08] Generation of 3D Prostate Organoid Cultures M. van de Wetering, <i>Hubrecht Institute, The Netherlands</i>
17:25-18:00	[INV09] Immunomodulation with Stem Cells K. Le Blanc, <i>Karolinska Institutet, Sweden</i>
19:00	Conference Dinner (separate ticket required)
Tuesday, January 30, 2018	
09:00-12:05	Session 4: Cancer Stem Cells Jasmine Room
09:00-09:40	IUBMB Award [K05] Perturbations in Stem Cell Self-Renewal Pathways in Degenerative Disease and Cancer M. Clarke, <i>Stanford University, USA</i>
09:40-09:55	[Spotlight 05] To be selected from submitted abstracts
09:55-10:30	[INV10] Skin Stem Cell F. Watt, <i>King's College London, UK</i>
10:30-11:00	Coffee break <i>Hibiscus / Upper & Lower Promenade</i>
11:00-11:15	[Spotlight 06] To be selected from submitted abstracts
11:15-11:50	[INV11] Fat Cell: Cancer Stem Cell Expansion and Increased Tumor Metastasis J.M. Slingerland, <i>Sylvester Comprehensive Cancer Center, USA</i>
11:50-12:05	[Spotlight 07] To be selected from submitted abstracts
12:05-13:35	Lunch and Poster Session 2 <i>Hibiscus Room / Upper & Lower Promenade</i>
13:35-17:40	Session 5: Cell Engineering Jasmine Room
13:35-14:10	[INV12] Organs on a Chip D. Ingber, <i>Harvard University, USA</i>
14:10-14:25	[Spotlight 08] To be selected from submitted abstracts
14:25-14:40	[Spotlight 09] To be selected from submitted abstracts
14:40-15:15	[INV13] Ovarian Cancer Stem Cells C. Eaves, <i>Terry Fox Laboratory, BC Cancer Agency, Canada</i>
15:15-16:00	Coffee break and Poster Session 2 continued <i>Hibiscus Room / Upper & Lower Promenade</i>
16:00-16:35	[INV14] Disease in a Dish Concept Using iPS Cells J. Wu, <i>Stanford University, USA</i>
16:35-16:50	[Spotlight 10] To be selected from submitted abstracts
16:50-17:05	[Spotlight 11] To be selected from submitted abstracts

17:05-17:40	[INV15] Tissue Engineering J. Zhang, <i>University of Minnesota, USA</i>
19:00	Student Party (invite only)
Wednesday, January 31, 2018	
09:00-12:20	Session 6: Stem Cell and Gene Therapy Clinical Trials Jasmine Room
09:00-09:40	UBMB Award [K06] Primary Immunodeficiencies Gene Therapy M. Cavazzana, <i>Hospital Necker, France</i>
	Sponsored by WILEY
09:40-10:15	[INV16] IFNα Gene/Cell Therapy Curbs Colorectal Cancer Liver Metastases L. Naldini, <i>San Raffaele Telethon Institute for Gene Therapy, Italy</i>
10:15-10:25	Poster Prize Presentation
10:25-10:55	Coffee break <i>Hibiscus Room / Upper & Lower Promenade</i>
10:55-11:30	[INV17] Stem Cell in Parkinson's Disease R. Barker, <i>University of Cambridge, UK</i>
11:30-11:45	[Spotlight 12] Stem Cell Therapy for Stroke: Optimal Routes of Delivery and Therapeutic Time-window D. Yavagal, <i>University of Miami Miller School of Medicine, USA</i>
11:45-12:20	[INV18] Hematopoietic Stem Cells Manipulation T.W. Mak, <i>Princess Margaret Cancer Centre, University Health Network, Canada</i>
12:20-12:30	Closing Remarks
12:30-13:30	Lunch <i>Hibiscus Room / Upper & Lower Promenade</i>
13:30-15:00	Author Workshop: An Introduction to Scholarly Publishing Jasmine Room J. Saxe, <i>Scientific Editor, Cell Stem Cell</i>