


Oral Program

Sunday, June 11 2017

1100-14:00	Registration <i>Sunset Foyer</i>
	Opening & Session 1: Inflammation and Tumorigenesis <i>Sunset Ballroom</i> <i>Session Chair: Jenny P. Ting</i>
14:00-14:15	Welcome and introduction
14:15-15:00	[K01] Metabolic interventions for improving anticancer immunosurveillance <i>Guido Kroemer, French Medical Research Council (INSERM), France</i>
15:00-15:30	[INV01] Chronic inflammation suppresses cancer immunosurveillance: New insights to tumor Immunology from an immunogenic mouse model of liver cancer <i>Michael Karin, University of California San Diego, USA</i>
15:30-16:00	Refreshments Break <i>Sunset Pavilion</i>
	Session 1: Inflammation and Tumorigenesis continues... <i>Sunset Ballroom</i> <i>Session Chair: Michael Karin</i>
16:00-16:30	[INV02] HMGB1 and other DAMPs in the regulation of inflammation and cancer <i>Tadatsugu Taniguchi, The University of Tokyo, Japan</i>
16:30-17:00	[INV03] Intracellular innate immune receptors: regulators of inflammation and cancer <i>Jenny P.Y. Ting, University of North Carolina, USA</i>
17:00-17:15	[ST01] Tuft cells in pancreatic intraepithelial neoplasia alter macrophage populations to mediate pancreatic tumorigenesis <i>G-Y. Liou¹, L. Bastea¹, A. Fleming¹, H. Doeppler¹, B. Edenfield¹, D.W. Dawson², L. Zhang¹, N. Bardeesy³, P. Storz^{*1}, ¹Mayo Clinic, USA, ²UCLA, USA, ³Harvard Medical School, USA</i>
17.15-18.30	Drinks Reception <i>Sunset Pavilion</i>

Monday, June 12 2017

08:00-09:00		PerkinElmer Workshop <i>Sunset Ballroom</i>
		Session 2: The Immune System and the Tumor Microenvironment <i>Sunset Ballroom</i> <i>Session Chair: Juan R. Cubillos-Ruiz</i>
09:00-09:30	[INV04] Heterotypic epithelial/fibroblast cell-cell contacts as mechanism of sensing tissue disruption in cancer <i>Erik Sahai, The Francis Crick Institute, UK</i>	
09:30-10:00	[INV05] Is the right flavor of inflammation the key to successful cancer therapy? <i>Romina Goldszmid, National Institute of Health, USA</i>	
10:00-10:30	[INV06] Molecular basis of T cell exhaustion: Insights for immunotherapy <i>John Wherry, University of Pennsylvania, USA</i>	
10:30-11:00	Refreshments Break <i>Sunset Pavilion</i>	
		Session 2: The Immune System and the Tumor Microenvironment continues... <i>Sunset Ballroom</i> <i>Session Chair: John Wherry</i>
11:00-11:30	[INV07] Immuno-metabolic programs controlled by ER stress in cancer <i>Juan R. Cubillos-Ruiz, Weill Cornell Medical College, USA</i>	
11:30-12:00	[INV08] Mitochondrial priming by CD28 <i>Erika Pearce*, R. K. Geltink, Max Planck Institute of Immunobiology and Epigenetics, Germany</i>	
12:00-12:15	[ST02] Regulatory T-cells promote an immunosuppressive tumor microenvironment by protection M2-like tumor-associated macrophages from terminal ER stress through modulation of their lipid metabolism <i>C. Liu^{*1}, M. Chikina¹, S.G. Wendell², C.J. Workman¹, D.A.A. Vignali^{1,3}, ¹University of Pittsburgh School of Medicine, USA, ²Clinical Translational Science Institute, University of Pittsburgh School of Medicine, USA, ³Tumor Microenvironment Center, University of Pittsburgh Cancer Institute, USA</i>	
12:15-12:30	[ST03] IL33 orchestrates the brain tumor microenvironment to promote glioma progression <i>A. De Boeck^{*1}, X. Lun¹, B-Y. Ahn¹, Y. Shen², M. Alshehri¹, N-H. Dang¹, X. Wang¹, X. Hao¹, K-A. Goring¹, J. King¹ et al ¹University of Calgary, Canada, ²University of British Columbia, Vancouver, Canada</i>	
12:30-13:30	Meet the Editors with Lunch <i>Sunset Pavilion</i>	
13:30-14:45	Poster Session 1 <i>Sunset Pavilion North</i>	
		Session 3: Cancer Therapeutics I <i>Sunset Ballroom</i> <i>Session Chair: Karolina Palucka</i>
15:00-15:30	[INV09] PD-1 cancer immunotherapy <i>Gordon Freeman, Dana-Farber Cancer Institute, USA</i>	
15:30-16:00	[INV10] Tissue-specificity of myeloid-mediated T-cell suppression in solid tumors <i>Lisa Coussens, Oregon Health & Science University, USA</i>	

16:00-16:15 [ST04] **Exhaustion-associated regulatory regions in CD8⁺ tumor-infiltrating T cells**
G.P. Mognol¹, R. Spreafico², V. Wong¹, J.P. Scott-Browne¹, S. Togher¹, A. Hoffmann², P.G. Hogan¹, A. Rao^{1,3}, S. Trifari¹, ¹La Jolla Institute for Allergy and Immunology, USA, ²University of California, USA, ³Stanford Consortium for Regenerative Medicine, USA

16:15-16:45 Refreshment Break | *Sunset Pavilion*

Session 3: Cancer Therapeutics I continues... | *Sunset Ballroom*

Session Chair: Lisa Coussens

16:45-17:15 [INV11] **Targeting IL-1 in breast cancer**

Karolina Palucka, *The Jackson Laboratory Cancer Center, USA*

17:15-17:45 [INV12] **Melanoma neoantigen identification and clinical validation**

Gerry Linette, *University of Pennsylvania, USA*

17:45-18:00 [ST05] **Distinct roles for hematopoietic and nonhematopoietic PD-L1 in tumor-specific CD8⁺ T cell suppression**

R.S. Lane*, A. Breazeale, A.W. Lund, *Oregon Health & Science University, USA*

18:00-18:15 [ST06] **Class IIa HDAC inhibition promotes an anti-tumor macrophage phenotype that induces breast tumor regression and inhibits metastasis**

J.L. Guerriero*¹, A. Sotayo¹, H.E. Ponichtera¹, J.A. Castrillon¹, A.L. Pourzia¹, S. Schad¹, S.F. Johnson¹, M. Lobera¹, M.A. Nolan¹, A. Letai¹ et al, ¹Dana-Farber Cancer Institute, USA, ²Brigham and Women's Hospital, USA, ³Harvard Medical School, USA, ⁴GlaxoSmithKline, USA

19:00-22:30 Meet the Speakers Dinner – ticket holders only

Tuesday, June 13 2017

Session 4: Tumor Immunosurveillance & Defense | *Sunset Ballroom*

Session Chair: Gillian Griffiths

09:00-09:30 [INV13] **On the role of adaptive and innate immune cells in fatty liver disease and subsequent liver cancer**

Mathias Heikenwalder, *German Cancer Research Center, Germany*

09:30-10:00 [INV14] **Regulation of dendritic cell accumulation in tumours as an immune checkpoint**

Caetano Reis e Sousa. *The Francis Crick Institute. UK*

10:00-10:15 [ST07] **Characterizing the role of CD11b⁺ dendritic cell subsets in priming anti-tumor CD4 T cell responses**

A. Mujal*, E. Roberts, M. Binnewies, A. Gerard, M. Krummel, *UCSF, USA*

10:15-10:30 [ST08] **Tumor secreted Pros1 inhibits macrophage M1 polarization**

E. Ubil*, L. Caskey, C. Story, D. Hunter, H.S. Earp III, *University of North Carolina at Chapel Hill, USA*

10:30-11:00 Refreshment Break | *Sunset Pavilion*

Session 4: Tumor Immunosurveillance & Defense continues... | *Sunset Ballroom*

Session Chair: Mathias Heikenwalder

11:00-11:30 [INV15] **Cancer assassins: The secrets of serial killer cells**

Gillian Griffiths, *Cambridge Institute for Medical Research, UK*

11:30-12:00 [INV16] **Visualizing tumor immune interactions real time**

Matthew F. Krummel, *University of California San Francisco, USA*

12:00-12:15 [ST09] **Amphiregulin produced by CD4⁺ T cells promotes lung tumor growth independently of the anti-tumor immune response**

J.A. Green*, N. Arpaia, M. Schizas, A.Y. Rudensky, *Memorial Sloan-Kettering Cancer Center, USA*

12:15-12:30 [ST10] **Granulocytes are active players in the CLL microenvironment**

S. Ozturk*, A. Madi, P. Lichter, M. Seiffert, *DKFZ, Germany*

12:30-13:30 Lunch | *Sunset Pavilion*

13:30-14:45 Poster Session 2 | *Sunset Pavilion North*

Session 5: Cancer Therapeutics II | *Sunset Ballroom*

Session Chair: Mathias Heikenwalder

15:00-15:30 [INV17] **Control of immune and vascular signaling programs in cancer by targeting lectin-glycan interactions**
Gabriel Rabinovich, *The National Scientific and Technical Research Council, Argentina*

15:30-16:00 [INV18] **Vaccine based combinatorial immunotherapy converts pancreatic cancer into an immunologic disease**

Liz Jaffee, *Johns Hopkins School of Medicine, USA*

16:00-16:30 [INV19] **CAR T cell therapy beyond the CD19 paradigm**

Michel Sadelain, *Memorial Sloan Kettering Cancer Center, USA*

16:30-17:00 Refreshment Break | *Sunset Pavilion*

Session 5: Cancer Therapeutics II continues... | *Sunset Ballroom*

Session Chair: Caetano Reis e Sousa

17:00-17:45 [K02] **Chimeric antigen receptor therapy for cancer: Progress and challenges**

Crystal Mackall, *Stanford University, USA*

17:45-18:00 Closing Remarks | *Sunset Ballroom*