

<b>Program Schedule Template</b>	
<b>Friday, August 22</b>	
7:30 a.m.	Registration
<b>Section I:</b>	
<b>Mini-Symposium “Nanomedicine and Clinical Implication”</b>	
<i>Chair- Priyabrata Mukherjee, Ph.D</i>	
8:15 a.m.	Polymeric Nanomedicines of Small Molecules and miRNA for treating Advanced Pancreatic and Prostate Cancers <i>Ram I. Mahato, Ph.D.</i>
8:40 a.m.	Multifunctional nanoparticles for molecular imaging and profiling. <i>Xiaohu Gao, Ph.D.</i>
9:05 a.m.	Efficacy of Nano-Based Carriers for Cancer Therapy <i>Dhanjay Jhurry. Ph.D.</i>
9:30 a.m.	Break
9:50 a.m.	Self-therapeutic Nanoparticle <i>Priyabrata Mukherjee, Ph.D</i>
10:15 a.m.	Biological Responses of MDA-MB 231 Cancer Cells to Docetaxel-Loaded Hyaluronic Acid-Grafted Oily Core Nanocapsules <i>Bi Botti “Celestin” Youan, PhD.</i>
10:40 a.m.	Nanotargeting of RNA-Binding Proteins for Cancer Therapy <i>Rajagopal Ramesh, Ph.D</i>
11:05 a.m.	Adjourn
<b>Section II:</b>	<b>Welcome and Introduction</b>
11:40 a.m.	<i>Debabrata Mukhopadhyaya, Ph.D.</i> <i>Robert Diasio, M.D.</i> <i>Gregory Gores, M.D.</i> <i>Neil Kay, M.D.</i>
<b>Joseph Austin McCartney and Ruth McCartney Hauck Visiting Professor CCaTS Grand Rounds</b>	
12:00 noon	Targeting Endothelial Metabolism: Principles and Strategies <i>Peter Carmeliet, M.D., Ph.D</i>
<b>Section III</b>	
<b>Regulation of Angiogenesis in Disease</b>	
<i>Chairs: Vijay Shah, M.D. and Lena Claesson-Welsh, Ph.D</i>	
1:05 p.m.	Fox Transcription Factors in Angiogenesis <i>Tsutomu Kume, Ph.D.</i>
1:35 p.m.	Angiocrine Signaling in Tissue Regeneration and Tumor Progression

	<i>Hellmut Augustin, Ph.D.</i>
2:05 p.m.	Targeting Pathways of Vessel Proliferation and Maturation in Disease <i>David Cheresh, Ph.D.</i>
2:35 p.m.	Break
2:55 p.m.	PI3K-Akt Axis In Vascular Maturation And Stability <i>Tatiana Byzova, Ph.D.</i>
3:25 p.m.	Targeting the Interaction Between Endothelial and Tumor Cells to Inhibit the Brain Metastasis of Breast Cancer <i>Suyun Huang, M.D., Ph.D.</i>
3:55 p.m.	Bevacizumab in Glioblastoma: More Questions than Answers <i>Jan Buckner, M.D.</i>
<b>Section IV</b> <b><i>Innovative Talks from Young Scientists:</i></b> Chair: <i>Ramani Ramachandran, Ph.D.</i>	
4:25 p.m.	Novel target for pathological angiogenesis <i>Huiyan Zeng, Ph.D.</i>
4:50 p.m.	A Metabolic Enzyme Cystathionine Beta Synthase and Angiogenesis <i>Resham Bhattacharya, Ph.D.</i>
5:10 PM	Adjourn. Free time on your own.
<b>Saturday, August 23,</b> <b>Geffen Auditorium, Gonda Building, Subway Level</b>	
7:30 a.m.	Continental Breakfast and Registration
<b>Section V: Vascular Biology and Permeability</b> Chair: <i>Steve Ekker, Ph.D. and Tsutomu Kume, Ph.D.</i>	
8:00 a.m.	Molecular Controls of Arteriogenesis <i>Michael Simons, M.D.</i>
8:30 a.m.	Contribution of VEGF-regulated Permeability to Disease <i>Lena Claesson-Welsh, Ph.D.</i>
9:00 a.m.	What Does Anti-VEGF/VEGFR Therapy Actually Do? <i>Harold Dvorak, M.D.</i>
9:30 a.m.	Paradoxical Role of VEGF in Both Organ Fibrogenesis and Fibrosis Resolution <i>Vijay Shah, M.D.</i>
10:00 a.m.	Break
<b>Section VI: Regulation of Microenvironment in Disease</b> Chair: <i>Gopal Kundu, Ph.D.</i>	

10:20 a.m.	Oncogenic Drivers and Formation of the Vascular Tumour Microenvironment <i>Janusz Rak, M.D., Ph.D.</i>
10:50 a.m.	Fibrosis and Cancer <i>Raghu Kalluri, M.D., Ph.</i>
11:20 a.m.	Pathways Driving Hypoxia Induced Epithelial Cell Plasticity <i>Rolf A. Brekken, Ph.D.</i>
<b>Section VII Special Lecture</b> <i>Chair: Neil Kay, M.D.</i>	
11:50 a.m.	Cancer Stem Cells and the Tumor Microenvironment <i>Jeremy Rich, M.D., Ph.D.</i>
12:20	Lunch
<b>Section VIII: Molecular Mechanisms of Lymphangiogenesis</b> <i>Chair: Janusz Rak, M.D., Ph.D.</i>	
1:20 p.m.	Interactions of Tumor Cells and Lymphatic Endothelial Cells in Cancer Metastasis <i>Michael Detmar, M.D.</i>
1:50 p.m.	MicroRNA Regulation of Lymphangiogenesis <i>Calvin Kuo, M.D., Ph.D.</i>
2:20 p.m.	Neuropilin-2 Axis in Endosome Maturation and Autophagy <i>Kaustubh Datta, Ph.D.</i>
2:40 p.m.	Break
<b>Section IX: Microenvironment and Cell Signaling</b> <i>Chair: Sanjay Misra, M.D. and Hellmut Augustin, Ph.D.</i>	
2:55 p.m.	VDR-FOXO1 Signaling in Pancreatic Cancer <i>Keping Xie, M.D., Ph.D.</i>
3:20 p.m.	The Role of Astrocytes and Matrix in Tumor Metastasis <i>Ramani Ramachandran, Ph.D.</i>
3:45 p.m.	Honokiol: Elucidating the Antitumor and Anti-Inflammatory Mechanisms of a Natural Product <i>Jack Arbiser, M.D., Ph.D.</i>
4:10 p.m.	Adjourn
<b>Section X: Travel Scholarships/Oral Presentations</b> <i>Chairs: Vijay Shah, M.D. and Philip Greipp, M.D.</i>	
4:20 p.m.	Poster Sessions/Reception (behind grand staircase in Gonda Subway Level)
6:00 p.m.	Young Investigator Presentations (Three presentation for 10 min each)
7:00 p.m.	Banquet/buffet Nathan Landow Atrium, Gonda Building, Subway Level

<b>Sunday, August 24, 2014</b>	
<b>Geffen Auditorium, Gonda Building, Subway Level</b>	
7:00 a.m.	Continental Breakfast and Registration
<b>Section XI: Anti-Angiogenesis Therapy and Clinical Outcomes</b>	
<i>Chairs: Napoleone Ferrara, M.D. and Harold Dvorak, M.D</i>	
8:00 a.m.	Ramucirumab Blockade of VEGFR2 Driven Angiogenesis in Human Cancer <i>Laura Benjamin, M.D.</i>
8:30 a.m.	Immunomodulatory Agents in the Treatment of Myeloma <i>S. Vincent Rajkumar, M.D.</i>
9:00 a.m.	Novel Insights in CLL B Cells and Their Microenvironment: Opportunities for Therapy <i>Neil Kay, M.D., Ph.D.</i>
9:30 a.m.	Inhibition of Angiogenesis: Synergistic Effects of Blocking VEGF Signaling and Other Pathways <i>Donald M. McDonald, M.D., Ph.D.</i>
10:00 a.m.	Break
10:20 a.m.	Angiogenesis of Melanoma <i>Svetomir Markovic, M.D.</i>
10:50 a.m.	Anti-angiogenic Therapies for Vascular Disease <i>Sanjay Misra, M.D.</i>
<b>Section XI: Folkman Lecture</b>	
<b>Chair: TBA</b>	
11:25 a.m.	The Role of the Microenvironment in the Regulation of Tumor Angiogenesis <i>Napoleone Ferrara, M.D.</i>
12:05 p.m.	Closing Comments and Adjourn <i>Debabrata Mukhopadhyay, Ph.D.</i>