26th Annual Short Course on Experimental Models of Human Cancer

August 12 – 19, 2017

Webcast Schedule
For more information, please contact Erin McDevitt: erin.mcdevitt@jax.org

Saturday, August 12, 2017

5:00pm – 6:00pm  Mario Sznol, M.D. - Keynote Lecture
                 “Clinical Challenges for Immunotherapy of Cancer”

Sunday, August 13, 2017
THHEME: COMPUTATIONAL MODELS & SYSTEMS BIOLOGY

8:30am – 9:30am  Ed Liu, M.D. – Lecture
                 “Cancer Functional Genomics”

9:30am – 10:30am Roel Verhaak, Ph.D. – Lecture
              “Cancer Genomics the TCGA Glioma Use-Case”

11:00am – 12:00pm Elaine Mardis, Ph.D. – Speaker
                 “Mouse ImmunoGenomics”

3:30pm – 4:30pm  Carlo Croce, M.D. – Lecture
                 “MicroRNAs in Cancer Cell Biology and Treatment Response”

4:30pm – 5:30pm  Paul Spellman, Ph.D. – Lecture
                 “Monitoring tumor response and evolution using cell free DNA”
Monday, August 14, 2017
THEME: MOUSE MODELS

9:30am – 10:30am Carol Bult, Ph.D. – Lecture
“Patient Derived Xenografts (PDX): a platform for preclinical cancer research”

11:00am – 12:00pm Thomas Look, M.D. - Lecture
“Zebrafish model of human cancer”

1:00pm – 2:00pm Pier Paolo Pandolfi, M.D., Ph.D. – Lecture
“Mouse Models of Human Cancer”

4:30pm – 6:00pm Ronald Germain, M.D., Ph.D. - Keynote Lecture
“Imaging Immunity: Developing a Spatiotemporal Understanding of Host Defense and the Response to Tumors”

Tuesday, August 15, 2017
THEME: MOUSE MODELS

2:00pm – 3:00pm Ching Lau, M.D., Ph.D. – Lecture
“PDX Models of Pediatric Tumors”

3:00pm-4:00pm Lenny Shultz, Ph.D. – Lecture
“Immunodeficient Mice and Their Use to Model Human Cancer and Immune System Interactions”

5:00pm-6:00pm Mikala Egeblad, Ph.D. - Lecture
“Overview of the role of the Tumor Microenvironment and Intravital Imaging of the Effects of the Tumor Microenvironment”

Wednesday, August 16, 2017
THEME: MODELS OF THE TUMOR MICROENVIRONMENT

8:30am – 9:30am Olga Anczukow, Ph.D. – Lecture
“RNA Splicing and In Vitro Cancer Models”

9:30am – 10:30am David Tuveson, M.D., Ph.D. – Lecture
“Organoids”

11:00am – 12:00pm Nicholas Navin, Ph.D. – Lecture
“Single Cell Genomics”

5:00pm – 6:00pm Lisa Coussens, Ph.D. – Lecture
“In Vivo Models of Tumor Microenvironment”
Thursday, August 17, 2017
THEME: MODELS INFLAMMATION

8:30am – 9:30am  Nadia Rosenthal, Ph.D., F.Med.Sci – Lecture  
“Biology of Tissue Regeneration”

9:30am – 10:30am  Julia Oh, Ph.D. – Lecture  
“Microbiome and inflammation” (tentative title)

11:00am – 12:00pm  Melody Swartz, Ph.D. – Lecture  
“Lymphatic Vessels in Regulation of Immune Responses”

1:00pm – 2:00pm  Christine Moussion, Ph.D. – Lecture  
“Leukocyte migration from steady-state to tumor”

2:00pm – 3:00pm  Virginia Pascual, M.D. – Lecture  
“DNA and RNA Sensing as Drivers of Inflammation”

3:30pm – 4:30pm  Derya Unutmaz, M.D. – Lecture  
“Human T cell subsets”

4:30pm – 5:30pm  Padmanee Sharma, M.D., Ph.D. – Lecture  
“From the clinic to the lab: Investigating response and resistance mechanisms to immune checkpoint therapy”

Friday, August 18, 2017
THEME: IMMUNE RESPONSE

8:30am – 9:30am  Jacques Banchereau, Ph.D. – Lecture  
“Immunogenomics”

9:30am – 10:30am  Madhav Dhodapkar, M.D. – Lecture  
“Origins and evolution of myeloma - Insights from host response and new models”

11:00am – 12:00pm  Irving Weissman, M.D. – Keynote Lecture  
“Stem Cells”

4:00pm – 5:00pm  Frank Slack, Ph.D. – Lecture  
“RNA Biology in Cancer”

5:00pm – 6:00pm  Kavita Dhodapkar, M.D.  
“Immunotherapy of pediatric cancer”
Saturday, August 19, 2017
THEME: MODELS STEM CELLS

8:30am – 9:30am  Rakesh Jain, Ph.D. – Lecture
“Reengineering the Tumor Microenvironment to Improve Cancer Treatment: Bench to Bedside”

9:30am – 10:30am  Kevin Mills – Lecture
“DNA Repair and Synthetic Lethal Therapies”

11:00am – 12:00pm  Jennifer Trowbridge, Ph.D. – Lecture
“Genomics and Epigenetics of Hematopoietic Stem Cells”

1:00pm – 2:00pm  Sheng Li, Ph.D. – Lecture
“Epigenome dynamics of blood cancers”

2:00pm  End of Course