



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

THEME: 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