



Join Keystone Symposia
for the 2016 conference on:

Cancer Pathophysiology: Integrating the Host and Tumor Environments

March 28–April 1, 2016

Beaver Run Resort | Breckenridge | Colorado, USA

Scientific Organizers:

Sheila A. Stewart, Sandra S. McAllister and Lisa M. Coussens

Local and systemic tumor microenvironments (TME) play a pivotal role in all stages of cancer development, including initiation, malignant conversion and metastasis, as well as regulating how neoplastic cells respond to cytotoxic, targeted and immune-based therapies. The intent of this meeting is to create a more complete picture of the potential therapeutic landscape. Presentations will focus on emerging studies to enable attendees access to senior investigators, as well as new investigators spanning the diversity of disciplines called "cancer biology."

Session Topics:

- The Tumor Systemic Environment I: Circulating Cells, Microvesicles and Cytokines
- The Tumor Systemic Environment II: Processes that Promote Cancer Progression
- Immune Cells I: Adaptive and Innate Immune Cells in the TME
- Immune Cells II: Immune Regulation of Cancer Progression
- Paracrine Signaling I: Primary Tumor Microenvironment
- Paracrine Signaling II: Microenvironment at Metastatic Sites
- Therapeutic Considerations I: Targeting the TME
- Therapeutic Considerations II: Targeting the Systemic Environment



Submitting an abstract is a great way of participating in the conference through poster presentation and possible selection for a short talk.

Scholarship & Discounted Abstract Deadline: Dec 1, 2015

Abstract Deadline: Jan 4, 2016

Discounted Registration Deadline: Jan 28, 2016

For additional details, visit www.keystonesymposia.org/16C3.

KEYSTONE SYMPOSIA™
on Molecular and Cellular Biology

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MONDAY, MARCH 28

Arrival and Registration

TUESDAY, MARCH 29

Welcome and Keynote Address

Douglas Hanahan, ISREC, Switzerland
Microenvironments, Metastasis and Therapeutic Targeting

The Tumor Systemic Environment I: Circulating Cells, Microvesicles and Cytokines

Sandra S. McAllister, Harvard Medical School, USA
Systemic Regulation of Malignancy

Yuval Shaked, Technion - Israel Institute of Technology, Israel
Tumor-Derived Microvesicles and Bone Marrow Cells

Christine Chaffer, Whitehead Institute for Biomedical Research, Canada
Role of the Primary Tumor in Determining Metastatic Outcome

Short Talk(s) Chosen from Abstracts

The Tumor Systemic Environment II: Processes that Promote Cancer Progression

Pepper Jo Schedin, Oregon Health and Science University, USA
Weaning-Induced Tissue Remodeling, Metastasis and Young Women's Breast Cancer

Robert S. Kerbel, Sunnybrook Research Institute, Canada
Impact of the Organ Microenvironment on the Response of Primary Tumors versus Metastases to Antiangiogenic Therapy

Giorgio Trinchieri†, NCI, National Institutes of Health, USA
Talk Title to be Announced

Short Talk Chosen from Abstracts

Poster Session 1

WEDNESDAY, MARCH 30

Immune Cells I: Adaptive and Innate Immune Cells in the TME

David G. DeNardo, Washington University Medical School, USA
Innate Immune Cells in Pancreatic Tumors

Mikala Egeblad, Cold Spring Harbor Laboratory, USA
Visualizing Tumor-Stroma Interactions in Primary Tumors and at Metastatic Sites

Matthew F. Krummel, University of California, San Francisco, USA
Rare DC Populations that Regulate T Cell Function in Breast and Melanoma

Johanna A. Joyce, Memorial Sloan-Kettering Cancer Center, USA
Macrophages in GBM

Short Talk(s) Chosen from Abstracts

Immune Cells II: Immune Regulation of Cancer Progression

Judith A. Varner, University of California, San Diego, USA
PI3K Signaling in Immune Cells and Cancer

Shannon J. Turley, Genentech, USA
Immunological Hallmarks of the Stromal Niche

Roberta Faccio, Washington University, USA
T Cells and Therapeutic Targeting in the Bone

Short Talk Chosen from Abstracts

Poster Session 2

THURSDAY, MARCH 31

Paracrine Signaling I: Primary Tumor Microenvironment

Sheila A. Stewart, Washington University School of Medicine, USA
SASP and Cancer Progression

Amanda Lund, Oregon Health & Science University, USA
Lymphatic Vessels and Immune Regulation in the Tumor Microenvironment

Arne Ostman, Karolinska Institutet, Sweden
PDGFR-Positive Fibroblasts: Impact on Tumor Progression and Treatment Response

Zachary T. Schafer, University of Notre Dame, USA
The Regulation of Cancer Cell Death by Fibroblasts in the TME

Short Talk(s) Chosen from Abstracts

Paracrine Signaling II: Microenvironment at Metastatic Sites

Sachie Hiratsuka, Tokyo Women's Medical University, Japan
Formation and Regulation of Pre-Metastatic Soil

Julio Aguirre-Ghiso, Mount Sinai School of Medicine, USA
Regulation of Tumor Dormancy

Ittai Ben-Porath, Hebrew University of Jerusalem, Israel
Cellular Senescence and the TME

Short Talk Chosen from Abstracts

Poster Session 3

FRIDAY, APRIL 1

Therapeutic Considerations I: Targeting the TME

Lisa M. Coussens, Oregon Health & Science University, USA
Inflammation and Cancer: Immune Cells as Targets for Anti-Cancer Therapy

Speaker to be Announced

Elizabeth M. Jaffee, Johns Hopkins University, USA
Vaccine-Induced Anti-Tumor Immunity

Gabriele A.I. Bergers, UCSF, Helen Diller Family Cancer Research Building, USA

Therapeutically Targeting the Tumor Microenvironment

Short Talk(s) Chosen from Abstracts

Therapeutic Considerations II: Targeting the Systemic Environment

Shahin Rafii, Weill Cornell Medical College, USA
Targeting Cancer-Promoting Bone Marrow Derived Cells

Speaker to be Announced

Kyoko Hida, Hokkaido University, Japan
Heterogeneity in Tumor Endothelial Cells

Meeting Wrap-Up: Outcomes and Future Directions (Organizers)

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SATURDAY, APRIL 2

Departure