

KEYSTONE SYMPOSIA

on Molecular and Cellular Biology

MicroRNAs and Noncoding RNAs in Cancer (E5)

June 7-12, 2015 • Keystone Resort • Keystone, Colorado, USA

Scientific Organizers: Frank J. Slack, Manel Esteller and Lin He

Supported by the Directors' Fund

Abstract & Scholarship Deadline: February 5, 2015 / Abstract Deadline: March 5, 2015 / Discounted Registration Deadline: April 7, 2015

SUNDAY, JUNE 7

Registration

MONDAY, JUNE 8

Keynote Session

Carlo M. Croce, Ohio State University, USA
MicroRNAs and Cancer

Joan A. Steitz, HHMI/Yale University, USA
Noncoding RNAs in Viral Biology

Small RNAs in Development

Stephen M. Cohen†, Institute of Molecular and Cell Biology, Singapore
MicroRNAs in Fly Development

Eric N. Olson†, University of Texas Southwestern Medical Center, USA
Talk Title to be Announced

David P. Bartel†, HHMI/MIT/Whitehead Institute, USA
RNAs in Development

Short Talk(s) Chosen from Abstracts

Workshop 1: miRNA Biogenesis/Turnover/Mechanism

Short Talks Chosen from Abstracts

MicroRNAs in Development

Amy E. Pasquinelli, University of California, San Diego, USA
The Multifaceted miRNA Complex

Anita G. Seto, miRagen Therapeutics, USA
Talk Title to be Announced

George Q. Daley, HHMI/Children's Hospital Boston, USA
Lin28 in Development and Disease

Short Talk Chosen from Abstracts

Poster Session 1

TUESDAY, JUNE 9

MicroRNAs in Animal Development

Silvia Monticelli, Institute for Research in Biomedicine, Switzerland
MicroRNAs in Immune Development

Nancy M. Bonini†, University of Pennsylvania, USA
MicroRNAs in Drosophila Development and Aging

Markus Stoffel, ETH Zürich, Switzerland
MicroRNAs and Insulin Secretion and Signaling

Leanne Jones, University of California, Los Angeles, USA
Small RNAs in Aging

Short Talk(s) Chosen from Abstracts

Workshop 2: Industry Applications

Short Talks Chosen from Abstracts

MicroRNAs and Cancer I

Frank J. Slack, Yale University, USA
MicroRNAs as Targeted Therapeutics and Therapeutic Targets in Cancer

Joshua T. Mendell, University of Texas Southwestern Medical Center, USA

MicroRNA in Cancer

Eva M. Hernando, New York University Cancer Center, USA
MicroRNA in Melanoma

Short Talk Chosen from Abstracts

Poster Session 2

WEDNESDAY, JUNE 10

Noncoding RNA in Development and Physiology

Michael G. Rosenfeld†, HHMI, University of California, San Diego School of Medicine, USA

LncRNA Mechanisms in Cancer

Mitchell Guttman, California Institute of Technology, USA

LncRNAs: Function and Mechanism in Controlling Cellular Identity

David L. Spector, Cold Spring Harbor Laboratory, USA

Long Noncoding RNA in Disease

Irene Bozzoni, University La Sapienza, Rome, Italy

Biogenesis of Noncoding RNA

Short Talk(s) Chosen from Abstracts

Long ncRNAs and Cancer

Anton Wutz, ETH Zürich, Switzerland

Noncoding RNA Function and Dosage Compensation in Tumorigenesis

John L. Rinn, Harvard University, USA

LncRNAs and Cancer

Pier Paolo Pandolfi, Beth Israel Deaconess Medical Center, Harvard Medical School, USA

LncRNAs and Cancer

Short Talk Chosen from Abstracts

Poster Session 3

THURSDAY, JUNE 11

MicroRNAs and Cancer II

Manel Esteller, Belvitge Biomedical Research Institute (IDIBELL), Spain

Small RNAs, Epigenetics and Cancer

George A. Calin, University of Texas MD Anderson Cancer Center, USA

About Chomsky, Patterns, Noncoding RNAs and Cancer Patients

Andrea Ventura, Memorial Sloan-Kettering Cancer Center, USA

Animal Models of MicroRNAs and Cancer

Xiao-Fan Wang, Duke University Medical Center, USA

MicroRNAs and Cancer

Short Talk(s) Chosen from Abstracts

Workshop 3: Breaking News

Short Talks Chosen from Abstracts

MicroRNAs and Cancer III

Lin He, University of California, Berkeley, USA

MicroRNA Models in Cancer

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Sohail F. Tavazoie, Rockefeller University, USA

MicroRNAs and Metastasis

Elsa R. Flores, University of Texas MD Anderson Cancer Center, USA

Regulation of MicroRNAs by the p53 Family in Cancer

Short Talk Chosen from Abstracts

FRIDAY, JUNE 12

Departure