

KEYSTONE SYMPOSIA

on Molecular and Cellular Biology

Fibrosis: From Bench to Bedside (C4)

March 23-28, 2014 • Keystone Resort • Keystone, Colorado, USA

Scientific Organizers: Jeremy S. Duffield, Steven R. Ledbetter and John P. Iredale

Sponsored by InterMune, Inc.

Abstract & Scholarship Deadline: November 20, 2013 / Abstract Deadline: December 18, 2013 / Discounted Registration Deadline: January 21, 2014

SUNDAY, MARCH 23

MONDAY, MARCH 24

Keynote Address

Harry (Hal) C. Dietz, Johns Hopkins University School of Medicine, USA
TGF-beta Signaling and Its Role in Fibrogenesis

Senescence, Cell Stress and the Fibrogenic Response

Speaker to be Announced

Dean Sheppard, University of California, San Francisco, USA
Injured Epithelium and TGFbeta Activation

Scott L. Friedman, Mount Sinai School of Medicine, USA
Autophagy Fuels Fibrosis

Short Talk(s) Chosen from Abstracts

Metabolic Pathways in Fibrogenesis

Rik Derynck, University of California, San Francisco, USA
TGFbeta Mediates Maladaptive Metabolic Responses to Stress

Erwin P. Böttinger, Mount Sinai School of Medicine, USA
Mitochondrial Dysfunction and Renal Fibrogenesis

Nelson Chau, Regulus Therapeutics, USA
MicroRNA21 and Lipid Metabolism in Fibrogenesis

Short Talk Chosen from Abstracts

Poster Session 1

TUESDAY, MARCH 25

Perivascular Mesenchymal Cells - Bipolar Cells in Microvascular Disease and Fibrogenesis

Jeremy S. Duffield, University of Washington, USA
Mechanisms of Perivascular Cell Activation in Kidney Disease

Lucie Peduto, Institut Pasteur, France
The Fate and Function of ADAM12 Mesenchymal Cells in Fibrosis

Christian Göritz, Karolinska Institutet, Sweden
The Role of Pericytes in Central Nervous System Scarring and Fibrosis

Speaker to be Announced

Short Talk(s) Chosen from Abstracts

Workshop 1: What is the Role of Acute and Chronic Infections in Fibrogenesis?

Short Talks Chosen from Abstracts

Innate Immunity and Inflammation in Fibrogenesis

Paul Kubes, University of Calgary, Faculty of Medicine, Canada
Intravascular Immunity in the Development and Resolution of Sterile Injury

Anthony J. Coyle, Pfizer, USA
TNF Blockade in Lung Fibrosis

John P. Iredale, University of Edinburgh, UK
Macrophages and Resolution of Liver

Short Talk Chosen from Abstracts

Poster Session 2

WEDNESDAY, MARCH 26

Established and Promising New Pathways Entering Clinical Development

Paul W. Noble, Cedars-Sinai Medical Center, USA
Update on Clinical Trials in IPF

Speaker to be Announced

Speaker to be Announced

Fibrosis Trial in IPF

Andrew M. Tager, Massachusetts General Hospital, USA
LPA1 in Fibrogenesis

Short Talk(s) Chosen from Abstracts

Adaptive Immunity in Fibrogenesis

Speaker to be Announced

Trials Using Anti-IL 13 Antibodies in Lung Disease. Representative from Novartis

Thomas A. Wynn, NIAID, National Institutes of Health, USA
Mechanisms of T Cell Mediated Fibrosis in Lung and Liver

Speaker to be Announced

Short Talk Chosen from Abstracts

Poster Session 3

THURSDAY, MARCH 27

Resolution of Fibrosis and Pathways of Repair/Regeneration

Bruno Péault, University of California, Los Angeles, USA
Role of Vascular Pericytes in Normal and Pathologic Tissue Regeneration

Gabrielle Kardon, University of Utah, USA
Interactions Between Muscle Stem Cells, Fibroblasts, and Macrophages are Critical for Muscle Regeneration

Stuart Forbes, University of Edinburgh, UK
Liver Regeneration

Speaker to be Announced

Short Talk(s) Chosen from Abstracts

Workshop 2: Non-Invasive Monitoring of Fibrosis, Biomarkers and Devices

Short Talks Chosen from Abstracts

Myofibroblast Reprogramming

David A. Brenner, University of California, San Diego Health Sciences, USA
Myofibroblast Reversion in the Resolution of Fibrosis

Jelena Mann, Newcastle University, UK
Epigenetics in Myofibroblast Reprogramming

Boris Hinz, University of Toronto, Canada
Environment and Its Effect on Myofibroblasts

Short Talk Chosen from Abstracts

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FRIDAY, MARCH 28