

KEYSTONE SYMPOSIA

on Molecular and Cellular Biology

Mononuclear Phagocytes in Health, Immune Defense and Disease (D3)

April 30-May 4, 2017 • Hyatt Regency Austin • Austin, Texas, USA

Scientific Organizers: Steffen Jung and Miriam Merad

Supported by the Directors' Fund

Abstract & Scholarship Deadline: January 9, 2017 / Abstract Deadline: January 31, 2017 / Discounted Registration Deadline: February 28, 2017

SUNDAY, APRIL 30

Arrival and Registration

MONDAY, MAY 1

Welcome and Keynote Address

Ruslan M. Medzhitov, HHMI/Yale University School of Medicine, USA
Mononuclear Phagocytes in Homeostasis and Inflammation

Mononuclear Phagocyte Development

Florent Ginhoux, Singapore Immunology Network, Singapore
Ontogeny of Mononuclear Phagocytes

Frederic Geissmann, Memorial Sloan Kettering Cancer Center, USA
Monocytes (and Macrophages)

Ido Amit, Weizmann/Broad Institute, USA
Single Cell RNA-Seq and Epigenetic Analysis of Myeloid Development

Short Talk(s) Chosen from Abstracts

Workshop 1: Monocytes, DC and Macrophages

Short Talks Chosen from Abstracts

Mononuclear Phagocyte Maintenance

Christopher K. Glass, University of California, San Diego, USA
Exploiting Natural Genetic Variation to Understand Macrophage Identity and Function

Michael H. Sieweke, Centre d'Immunologic Marseille-Luminy, France
Transcriptional Control of Macrophage Proliferation

Bart N. Lambrecht, VIB, Ghent University, Belgium
Macrophages, DC and ER Stress

Short Talk Chosen from Abstracts

Poster Session 1

TUESDAY, MAY 2

Mononuclear Phagocytes at the Tissue Site

Yasmine Belkaid, NIAID, National Institutes of Health, USA
Mononuclear Phagocytes and Skin Commensals

Martin Guillemin, Ghent University - VIB, Belgium
Development and Functional Specialization of Liver-Resident Kupffer Cells

Brian D. Brown, Mount Sinai School of Medicine, USA
T Cell and DC Interactions in Tissues

Gwendalyn J. Randolph, Washington University, USA
Vasculature associated Mononuclear Phagocytes

Short Talk(s) Chosen from Abstracts

Mononuclear Phagocytes in Gut Homeostasis and Inflammation

Carla V. Rothlin, Yale University, USA
Talk Title to be Announced

Dan R. Littman, HHMI/New York University School of Medicine, USA
Role of Myeloid Cells in Induction of Microbiota-Specific T Cells

Sarkis K. Mazmanian, California Institute of Technology, USA
Gut Microbiota Regulate Hematopoiesis of Innate Immune Cells
Short Talk Chosen from Abstracts

Poster Session 2

WEDNESDAY, MAY 3

Mononuclear Phagocyte Interactions with the Central and Peripheral Nervous System

Marco Colonna, Washington University School of Medicine, USA
Microglia Driven Pathology, Trem2

Speaker to be Announced

Burkhard Becher, University of Zurich, Switzerland
The T Cell-Myeloid Connection in Chronic Inflammation

***Steffen Jung**, Weizmann Institute of Science, Israel
Talk Title to be Announced

Short Talk(s) Chosen from Abstracts

Workshop 2: Checkpoint Blockade and Vaccination Therapies

Short Talks Chosen from Abstracts

Mononuclear Phagocytes, Inflammation and Therapy

Markus G. Manz, University Hospital Zürich, Switzerland
Emergency Myelopoiesis

Catherine (Lynn) Hedrick, La Jolla Institute for Allergy and Immunology, USA
Mononuclear Cells in Inflammation

Michele De Palma, École Polytechnique Fédérale de Lausanne, Switzerland
Macrophage Reprogramming for Anticancer Therapy

Short Talk Chosen from Abstracts

Poster Session 3

THURSDAY, MAY 4

Mononuclear Phagocytes and Cancer Progression

Miriam Merad, Mount Sinai School of Medicine, USA
Talk Title to be Announced

Nina Bhardwaj, Mt. Sinai Hospital, USA
Cancer Induced Innate Immune Cell Modulation

Laurence Zitvogel, Institut Gustave Roussy, France
Gut Microbiota Connects Mucosal and Tumoral Immune Responses

Speaker to be Announced

Short Talk(s) Chosen from Abstracts

Mononuclear Phagocytes and Cancer Treatment

Speaker to be Announced

Speaker to be Announced

Michael Kalos, Eli Lilly and Company, USA
Modulation of the Microenvironment in Immunotherapy

Ira Mellman, Genentech, Inc., USA
DC and Macrophages in Tumor Treatment

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

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FRIDAY, MAY 5

Departure