



MEETING AGENDA

Neutrophils in COVID-19

Virtual Meeting

The Banbury Center, Cold Spring Harbor Laboratory, New York, USA
September 24 to 25, 2020

This meeting was funded by the **Cold Spring Harbor Laboratory Corporate Sponsor Program**

Organizers:

Mikala Egeblad, the “NETwork to Target Neutrophils in COVID-19” and Cold Spring Harbor Laboratory

Coronavirus Disease 2019 (COVID-19) is a novel, viral-induced respiratory disease. It was rapidly recognized that neutrophils—and in particular their ability to form neutrophil extracellular traps (NETs)—could be contributing to the organ damage and mortality in COVID-19. This virtual Banbury meeting convened scientists and physicians working on COVID-19 or neutrophils (or both) to discuss current evidence for a role of neutrophils in COVID-19 as well as the paths towards clinical targets.

THURSDAY, SEPTEMBER 24

11:00 am **Welcoming Remarks, Meeting Introduction**

Rebecca Leshan, The Banbury Center, Cold Spring Harbor Laboratory

Mikala Egeblad, Cold Spring Harbor Laboratory

Robert Schwartz, Weill Cornell Medicine

11:40 am **SESSION 1: NETs and Lung Pathology**

Chair: Florencia McAllister, MD Anderson Cancer Center

Fernando Cunha, São Paulo University, Ribeirão Preto School of Medicine

Thomas Marichal, Liège University

1:00 pm **SESSION 2: New Techniques**

Chair: Shuichi Takayama, Georgia Institute of Technology & Emory University

Betsy Barnes, Feinstein Institute for Medical Research

Marc Vendrell, University of Edinburgh



1:20 pm SESSION 3: NETs and Thrombosis in COVID-19

Chair: Patricia Liaw, McMaster University

Jean-Philippe Désilles, Rothschild Foundation Hospital

Martin Herrmann, Friedrich-Alexander-University of Erlangen-Nürnberg

Panagiotis Skendros, University Hospital of Alexandroupolis, Democritus University of Thrace

Yogendra Kanthi, National Heart, Lung, and Blood Institute

3:30 pm General Discussion

FRIDAY, SEPTEMBER 25

11:00 am Day Two Introduction

Mikala Egeblad, Cold Spring Harbor Laboratory

11:05 am SESSION 4: Neutrophil Dysregulation in COVID-19

Chair: Zvi Fridlender, Hadassah-Hebrew University Medical Center

Florent Ginhoux, Singapore Immunology Network (SIgN), A*STAR

Sarah Walmsley, University of Edinburgh

Jun Yan, University of Louisville

1:00 pm SESSION 5: Opportunities to Target Neutrophil Pathology in COVID-19

Chairs: Jonathan Spicer, McGill University &

Betsy Barnes, Feinstein Institute for Medical Research

Jason Knight, University of Michigan

Mark Looney, University of California, San Francisco

Christian Con Yost, University of Utah School of Medicine

Jean-Claude Tardif, Montréal Heart Institute

Zachary Holliday, University of Missouri

3:35 pm General Discussion & Meeting Wrap-up

— END OF PROGRAM —



MEETING PARTICIPANTS

Betsy Barnes, Feinstein Institute for Medical Research
James Crawford, Northwell Health Laboratories
Fernando Cunha, São Paulo University, Ribeirão Preto School of Medicine
Jean-Philippe Désilles, Rothschild Foundation Hospital, Paris, France
Mikala Egeblad, Cold Spring Harbor Laboratory
Alison Fox-Robichaud, McMaster University
Zvi Fridlender, Hadassah-Hebrew University Medical Center
Florent Ginhoux, Singapore Immunology Network (SIgN), A*STAR
Martin Herrmann, Friedrich-Alexander-University of Erlangen-Nürnberg
Zachary Holliday, University of Missouri
Benoît Ho-Tin-Noé, INSERM, Bichat Hospital
Yogendra Kanthi, National Heart, Lung, and Blood Institute
Mariana Kaplan, National Institutes of Health
Jason Knight, University of Michigan
Moritz Leppkes, University Hospital Erlangen
Patricia Liaw, McMaster University
Mark Looney, University of California, San Francisco
Thomas Marichal, Liège University, Immunophysiology Lab, GIGA Institute
Florescia McAllister, MD Anderson Cancer Center
Joanna Porter, University College London
Marko Radic, University of Tennessee
Adriano Rossi, University of Edinburgh
Adam Schrum, University of Missouri
Robert Schwartz, Weill Cornell Medicine
Panagiotis Skendros, University Hospital of Alexandroupolis, Democritus University of Thrace
Jonathan Spicer, McGill University
Shuichi Takayama, Georgia Institute of Technology & Emory University
Jean-Claude Tardif, Montréal Heart Institute
Marc Vendrell, University of Edinburgh
Denisa Wagner, Boston Children's Hospital, Harvard Medical School
Sarah Walmsley, University of Edinburgh
Andrew Weber, Northwell Health
Andrew Whiteley, Cold Spring Harbor Laboratory
Jun Yan, University of Louisville
Christian Yost, Department of Pediatrics/Neonatology, University of Utah School of Medicine
Arturo Zychlinsky, Max Planck Institute for Infection Biology