INFLAMMATION RESOLUTION BIOLOGY
Trans-NIH Workshop
March 25-26, 2019

National Institute of Environmental Health Sciences
Building 101, Rodbell Auditorium, Research Triangle Park, North Carolina

AGENDA

Monday, March 25, 2019

1:00 p.m.  Opening Remarks
Linda Birnbaum, NIEHS

1:10 p.m.  Genesis of the Workshop
Sri Nadadur, NIEHS

Session 1:  Introductory Session
Moderator: Houmam Araj, NEI

1:20 p.m.  Turning on and off the Inflammatory Response in Polymicrobial Sepsis
Peter Ward, University of Michigan

2:00 p.m.  Novel Mediators and Mechanisms in the Resolution of Inflammation
Charles Serhan, Brigham and Women’s Hospital, Harvard University

2:40 p.m.  Break

Moderator: Christina Liu, NCI
3:00 p.m.  Resolution of Endoplasmic Reticulum Stress and Inflammation by Lipid Mediators  
*Bruce Hammock, University of California, Davis*

3:40 p.m.  Breast Cancer-induced Inflammation and its Impact on Tumor Progression and Therapeutics  
*Xiang Zhang, Baylor College of Medicine*

4:20 p.m.  Intervention Strategies to Promote Inflammation Resolution  
*Thomas Van Dyke, Forsyth Institute*

5:00 p.m.  Adjourn for the day

7:00 p.m.  Dinner (Location TBA)

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**Tuesday, March 26, 2019**

8:30 a.m.  Opening Remarks  
*Gwen Collman, NIEHS*

**Session 2:**  Perturbations/Promotion of Inflammation Resolution in Health and Disease  
*Moderator: Pothur Srinivas, NHLBI*

8:40 a.m.  Translational Mechanisms for Inflammation and Defective Resolution in Severe Asthma  
*Bruce Levy, Brigham and Women’s Hospital, Harvard University*

9:10 a.m.  Inflammation + Resolution in Chronic Obstructive Lung Disease  
*Patricia Sime, University of Rochester Medical Center*

9:40 a.m.  Resolution of Vascular Injury: Role of Specialized Lipid Mediators  
*Michael Conte, University of California, San Francisco Medical Center*

10:10 a.m.  Break  

*Moderator: Giovanna Zappala, NIA*
10:30 a.m.  The Peripheral Immune Responses to Brain and Intestinal Immunogens Amplify Stroke Severity.  
*Katrin Andreasson, Stanford University*

11:00 a.m.  Inflammaging  
*Luigi Ferrucci, NIA/NIH*

11:30 a.m.  The lens: How an Immune Response to Injury and Dysgenesis Occurs in an Avascular Region of the Eye  
*Sue Menko, Jefferson Medical College*

12:00 p.m.  Lunch

**Session 3: Exposure-Induced Inflammation in Disease Exacerbation**  
*Moderator: Mike Humble, NIEHS*

1:00 p.m.  Accelerating Inflammation Resolution to Counteract Chemical Injury Mechanisms  
*Sven Jordt, Duke University*

1:30 p.m.  Irgm1 Links Mitochondrial Quality Control to Autoimmunity  
*Michael Fessler, NIEHS*

2:00 p.m.  Targeting Resolution of Exposure-Induced Lung Inflammation  
*Jill Poole, University of Nebraska, Internal Medicine*

2:30 p.m.  Break

2:50 p.m.  Panel Discussion  
*Moderator: Sri Nadadur, NIEHS*  
**Panelists:**  
*Luigi Ferrucci, NIA/NIH*  
*Bruce Hammock, University of California, Davis*  
*Bruce Levy, Brigham and Women’s Hospital, Harvard University*  
*Jill Poole, University of Nebraska, Internal Medicine*  
*Charles Serhan, Brigham and Women’s Hospital, Harvard University*  
*Patricia Sime, University of Rochester Medical Center*
Peter Ward, University of Michigan

4:10 p.m.  Concluding Remarks
David Balshaw, NIEHS

4:20 p.m.  Adjourn