MEETING AGENDA

Diverse Functions of Neutrophils in Cancer

The Banbury Center, Cold Spring Harbor Laboratory, New York, USA
November 27-30, 2018

This meeting was funded by the
Northwell Health – Cold Spring Harbor Laboratory Affiliation

Organizers:
Karin de Visser, The Netherlands Cancer Institute
Mikala Egeblad, Cold Spring Harbor Laboratory
Paul Kubes, University of Calgary

In recent years there has been a new appreciation that neutrophils have many, diverse functions in cancer, however, it is not clear when neutrophils are beneficial or detrimental to the host in this context. The goal of this Banbury meeting was to bring together cancer biologists with scientists and clinicians studying other aspects of neutrophils, and to facilitate discussions of recent findings on the functions of neutrophils, the classifications of neutrophils, and their potential as clinical biomarkers and therapeutic targets.

TUESDAY, NOVEMBER 27

Afternoon Participant arrivals
6:00 pm Reception, dinner

WEDNESDAY, NOVEMBER 28

7:15 am Breakfast at Robertson House

8:30 am Welcome and Introductory Remarks
Rebecca Leshan, Director, The Banbury Center
Karin de Visser, The Netherlands Cancer Institute, Amsterdam, Netherlands
Mikala Egeblad, Cold Spring Harbor Laboratory, Cold Spring Harbor, USA
Paul Kubes, University of Calgary, Canada
8:45 am  SESSION 1: Phenotyping Neutrophil Diversity & Targeting Neutrophils
Helen Goodridge, Cedars-Sinai Medical Center, Los Angeles, USA
Andrés Hidalgo, Fundación CNIC, Madrid, Spain
Irina Udalova, University of Oxford, UK
Zvi Fridlender, Hadassah Medical Center, Jerusalem, Israel
Etienne Meylan, École Polytechnique Fédérale de Lausanne, Switzerland

11:45 am  General Discussion

12:15 pm  Luncheon

2:00 pm  SESSION 2: Sepsis, Stress, Infections, and Auto-Immunity
Paul Kubes, University of Calgary, Canada
Paul Frenette, Albert Einstein College of Medicine, The Bronx, USA
Ping Wang, Feinstein Institute for Medical Research, Manhasset, USA
Monowar Aziz, Feinstein Institute for Medical Research, Manhasset, USA
Mariana Kaplan, National Institute of Arthritis and Musculoskeletal and Skin Diseases & National Institutes of Health, Bethesda, USA
Betsy Barnes, Feinstein Institute for Medical Research, Manhasset, USA

5:30 pm  General Discussion and End of Day Wrap-Up

6:00 pm  Reception, dinner

THURSDAY, NOVEMBER 29

7:15 am  Breakfast

8:30 am  SESSION 3: NETs and Imaging
Arturo Zychlinsky, Max Planck Institute for Infection Biology, Berlin, Germany
Borko Amulic, University of Bristol, UK
Denisa Wagner, Boston’s Children Hospital, Boston, USA
Mikala Egeblad, Cold Spring Harbor Laboratory, Cold Spring Harbor, USA
Anna Huttenlocher, University of Wisconsin, Madison, USA

11:30 am  General Discussion
12:00 pm  Luncheon

2:00 pm  SESSION 4: Roles of Neutrophils in Metastasis and Lung Cancer
  Vivek Mittal, Weill Cornell Medicine, New York, USA
  Mikael Pittet, Massachusetts General Hospital & Harvard Medical School, Boston, USA
  Ilaria Malanchi, The Francis Crick Institute, London, UK
  Karin de Visser, The Netherlands Cancer Institute, Amsterdam, Netherlands
  Daniela Quail, McGill University, Montréal, Canada

5:00 pm  General Discussion and End of Day Wrap-Up

6:00 pm  Reception, dinner

FRIDAY, NOVEMBER 30

7:15 am  Breakfast at Robertson House

8:30 am  SESSION 5: Anti-Tumor and Pro-Immune Functions of Neutrophils
  Timo van den Berg, Sanquin Research & VU Medical Center, Amsterdam, Netherlands
  Taha Merghoub, Memorial Sloan Kettering Cancer Center, New York, USA
  Evgeniy Eruslanov, University of Pennsylvania, Philadelphia, USA
  Zvika Granot, The Hebrew University of Jerusalem, Israel
  Zena Werb, University of California, San Francisco, USA

11:30 am  SESSION 6: Meeting Wrap-Up
  General discussion of meeting conclusions, and next steps

12:15 pm  Luncheon
MEETING PARTICIPANTS

Borko Amulic, University of Bristol
Monowar Aziz, Feinstein Institute for Medical Research
Betsy Barnes, Feinstein Institute for Medical Research
Nancy Boudreau, National Cancer Institute
Karin de Visser, The Netherlands Cancer Institute
Mikala Egeblad, Cold Spring Harbor Laboratory
Evgenly Eruslanov, University of Pennsylvania
Paul Frenette, Albert Einstein College of Medicine
Zvi Fridlender, Hadassah Medical Center
Helen Goodridge, Cedars-Sinai Medical Center
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Vivek Mittal, Weill Cornell Medicine
Mikael Pittet, Massachusetts General Hospital & Harvard Medical School
Daniela Quail, McGill University
Barbara Sherry, Feinstein Institute for Medical Research
Irina Udalova, University of Oxford
Timo van den Berg, Sanquin Research & VU Medical Center
Denisa Wagner, Boston Children’s Hospital
Ping Wang, Feinstein Institute for Medical Research
Zena Werb, University of California, San Francisco
Arturo Zychlinsky, Max Planck Institute for Infection Biology