



## 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

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**Afternoon** Participant arrivals

**6:00 pm** Reception, dinner

## WEDNESDAY, NOVEMBER 28

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**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**

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**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

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**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

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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  
Zvika Granot, The Hebrew University of Jerusalem  
Andrés Hidalgo, Fundación CNIC  
Anna Huttenlocher, University of Wisconsin - Madison  
Mariana Kaplan, National Institute of Arthritis and Musculoskeletal and Skin Diseases; National Institutes of Health  
Paul Kubes, University of Calgary  
Ilaria Malanchi, The Francis Crick Institute  
Taha Merghoub, Memorial Sloan Kettering Cancer Center  
Etienne Meylan, École Polytechnique Fédérale de Lausanne  
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