



## MEETING AGENDA

# Protective Immunity and Vaccines for Lyme Disease

October 29 – November 1, 2017  
The Banbury Center, Lloyd Harbor, New York

This meeting was organized by  
**Erol Fikrig**, Yale University  
**Steven Schutzer**, Rutgers New Jersey Medical School

and generously funded by the  
**Steven & Alexandra Cohen Foundation**

## SUNDAY, OCTOBER 29

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**Afternoon** Arrivals and check-in at Robertson House  
**6:00 pm** Reception and dinner

## MONDAY, OCTOBER 30

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**7:15 am** Breakfast

**8:30 am** **Welcoming Remarks, Meeting Objectives**  
Rebecca Leshan, The Banbury Center  
Steven Schutzer, Rutgers New Jersey Medical School

**8:50 am** **SESSION 1: Overview**  
Chairperson: Dan Rock, University of Illinois at Urbana-Champaign  
Raymond Dattwyler, New York Medical College  
Stanley Plotkin, University of Pennsylvania  
Sam Telford, Tufts University  
Urban Lundberg, Valneva Austria GmbH

**11:10 am** **General Discussion**



12:10 pm Luncheon

2:00 pm **SESSION 2: Arthropod Interactions**

Chairperson: Ray Dattwyler, New York Medical College

Erol Fikrig, Yale University

Joao Pedra, University of Maryland School of Medicine

Joppe Hovius, Academic Medical Center, University of Amsterdam

Utpal Pal, University of Maryland

Sukanya Narasimhan, Yale School of Medicine

6:00 pm Reception and dinner

## TUESDAY, OCTOBER 31

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7:15 am Breakfast

8:30 am **SESSION 3: Determining Vaccine Efficacy in Animal Models & Humans**

Chairperson: Steven Schutzer, Rutgers New Jersey Medical School

Steve Schutzer, Rutgers New Jersey Medical School

Philip Molloy, Imugen

9:30 pm **SESSION 4: Animal Vaccines**

Chairperson: William Laegreid, University of Wyoming

Richard Marconi, Virginia Commonwealth University

Maria Gomes-Solecki, University of Tennessee Health Science Center

Jorge Benach, Stony Brook University

12:10 pm Luncheon

1:30 pm **SESSION 4 (continued): Animal Vaccines**

Chairperson: William Laegreid, University of Wyoming

Maria Diuk-Wasser, Columbia University

Jean Tsao, Michigan State University

Bin Zheng, Massachusetts General Hospital; Harvard Medical School

2:30 pm **SESSION 5: Bioinformatics**

Chairperson: Daniel Rock, University of Illinois at Urbana-Champaign

Siddhartha Mitra, Icahn School of Medicine at Mount Sinai



**3:40 pm SESSION 6: Public Health Perspectives**

Chairperson: Adriana Marques, National Institute of Allergy and Infectious Diseases, NIH  
Paul Mead, U.S. Centers for Disease Control and Prevention  
Byron Backenson, New York State Department of Health

**5:00 am General Discussion**

**6:00 pm** Reception and dinner

## WEDNESDAY, NOVEMBER 1

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**7:15 am** Breakfast

**8:30 am SESSION 7: Vaccine Development Against Other Vectors & Targets**

Chairperson: Will Laegried, University of Wyoming  
Paul Arnaboldi, New York Medical College  
Adriana Marques, National Institute of Allergy and Infectious Diseases, NIH

**9:30 am SESSION 8: Live Attenuated Versus Targeted Recombinants**

Chairperson: Maliha Ilias, National Institute of Allergy and Infectious Diseases, NIH  
Frank Yang, Indiana University  
Patricia Rosa, National Institute of Allergy and Infectious Diseases, NIH  
Christopher Cooper, U.S. Army Medical Research Institute of Infectious Diseases

**11:40 am SESSION 9: Meeting Wrap-up, Next Steps**

Chairpersons: Erol Fikrig, Yale University; Steven Schutzer, Rutgers New Jersey Medical School

Meeting takeaways and outline for a white paper

**12:30 pm** Luncheon; Participant Departures



## PARTICIPANTS

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Paul Arnaboldi, New York Medical College

Bryon Backenson, New York State Department of Health

Jorge Benach, Stony Brook University

Christopher Cooper, U.S. Army Medical Research Institute of Infectious Diseases

Raymond Dattwyler, New York Medical College

Maria Diuk-Wasser, Columbia University

Erol Fikrig, Yale University

Maria Gomes-Solecki, University of Tennessee Health Science Center

Joppe Hovius, Academic Medical Center, University of Amsterdam

Maliha Ilias, National Institute of Allergy and Infectious Diseases, NIH

William Laegreid, University of Wyoming

Urban Lundberg, Valneva Austria GmbH

Richard Marconi, Virginia Commonwealth University Medical Center

Adriana Marques, National Institute of Allergy and Infectious Diseases, NIH

Paul Mead, U.S. Centers for Disease Control and Prevention

Siddhartha Mitra, Icahn School of Medicine at Mount Sinai

Philip Molloy, Imugen

Sukanya Narasimhan, Yale School of Medicine

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