



MEETING AGENDA

Microbiology of the Built Environment

The Banbury Center, Cold Spring Harbor Laboratory, New York, USA
November 3-6, 2019

This meeting was funded by the **Alfred P. Sloan Foundation**

Organizers:

Jessica Green, University of Oregon & Phylagen, Inc.
Roberto Kolter, Harvard Medical School
Jordan Peccia, Yale University

In recent years, microbiome research has grown rapidly as the mutualisms, antagonisms, and beneficial or pathogenic effects of these communities are revealed and linked to human health consequences. This meeting convened experts to examine the critical, cross-sector and cross-disciplinary issues associated with the microbiology of the built environment, as well as the underlying challenges of long-term momentum for the field, and strategies for continued progress.

SUNDAY, NOVEMBER 3

Afternoon Participant Arrivals

6:00 pm Reception, dinner

MONDAY, NOVEMBER 4

7:15 am Breakfast

8:30 am **Welcome and Introductory Remarks**

Rebecca Leshan, Executive Director, The Banbury Center

Jesse Ausubel, Rockefeller University, New York, USA

Jessica Green, University of Oregon & Phylagen, Inc., Eugene, USA



8:50 am SESSION 1: Health Impacts

Vivian Loftness, Carnegie Mellon University, Pittsburgh, USA
Elizabeth Matsui, University of Texas, Austin, USA
Jay Portnoy, Children's Mercy Hospitals and Clinics, Kansas City, USA
Andrew Hoisington, Air Force Institute of Technology, Wright-Patterson AFB, USA
Jo Handelsman, University of Wisconsin, Madison, USA

12:00 pm Luncheon

1:30 pm SESSION 2: Approaches for the Study of Indoor Microbes I

Rob Knight, University of California San Diego, La Jolla, USA
Gary Andersen, Lawrence Berkeley National Laboratory, Berkeley, USA

2:30 pm SESSION 3: Water and Microbes in Built Environments

Fangqiong Ling, Washington University in St. Louis, St. Louis, USA
Amy Pruden, Virginia Tech, Blacksburg, USA
Rita Colwell, University of Maryland, College Park, USA
Kyle Bibby, University of Notre Dame, Notre Dame, USA

6:00 pm Reception, dinner

TUESDAY, NOVEMBER 5

7:15 am Breakfast

8:30 am SESSION 4: Fungi/Molds in Built Environments

Doris Betancourt, Environmental Protection Agency, Research Triangle Park, USA
Jordan Peccia, Yale University, New Haven, USA
Tiina Reponen, University of Cincinnati, Cincinnati, USA
Bill Sothorn, Microecologies, Inc., New York, USA

11:00 am SESSION 5: Microbial Exposure and Control

William Bahnfleth, Penn State University, University Park, USA
Erica Hartmann, Northwestern University, Evanston, USA

12:15 pm Luncheon

2:00 pm William Nazaroff, University of California, Berkeley, USA

A.J. Prussin, Virginia Tech, Blacksburg, USA
Jeffrey Siegel, University of Toronto, Toronto, USA

6:00 pm Reception, dinner



WEDNESDAY, NOVEMBER 6

7:15 am Breakfast

8:30 am **SESSION 6: Approaches for the Study of Indoor Microbes II**

Linsey Marr, Virginia Tech, Blacksburg, USA

Gedi Mainelis, Rutgers University, New Brunswick, USA

Kevin Van Den Wylmelenberg, University of Oregon, Eugene, USA

10:30 am **SESSION 7: Wrap-up and Next Steps**

Paula Olsiewski, Roberto Kolter, and Jesse Ausubel

12:30 pm Luncheon

2:00 pm Participant departures

— END OF PROGRAM —



MEETING PARTICIPANTS

Gary Andersen, Lawrence Berkeley National Laboratory
Jesse Ausubel, Rockefeller University
William Bahnfleth, Penn State University
Doris Betancourt, Environmental Protection Agency
Kyle Bibby, University of Notre Dame
Rita Colwell, University of Maryland
Jessica Green, University of Oregon & Phylagen, Inc.
Jo Handelsman, University of Wisconsin
Erica Hartmann, Northwestern University
Andrew Hoisington, Air Force Institute of Technology
Rob Knight, University of California San Diego
Roberto Kolter, Harvard Medical School
Fangqiong Ling, Washington University in St. Louis
Vivian Loftness, Carnegie Mellon University
Gedi Mainelis, Rutgers University
Linsey Marr, Virginia Tech
Elizabeth Matsui, University of Texas, Austin
William Nazaroff, University of California, Berkeley
Paula Olsiewski, Alfred P. Sloan Foundation
Jordan Peccia, Yale University
Jay Portnoy, Children's Mercy Hospitals and Clinics
Amy Pruden, Virginia Tech
A.J. Prussin, Virginia Tech
Tiina Reponen, University of Cincinnati
Jeffrey Siegel, University of Toronto
Bill Sothorn, Microecologies, Inc.
Kevin Van Den Wylmelenberg, University of Oregon