



MEETING AGENDA

Programmed Cell Death in Microorganisms

November 29-December 2, 2022
The Banbury Center, Lloyd Harbor, New York

This meeting was organized by
J. Marie Hardwick, Johns Hopkins School of Public Health
Judy Lieberman, Boston Children's Hospital and Harvard Medical School
Rotem Sorek, Weizmann Institute of Science

and funded by the
Cold Spring Harbor Laboratory Corporate Sponsor Program

TUESDAY, NOVEMBER 29

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

WEDNESDAY, NOVEMBER 30

- 7:15 am** Breakfast
- 8:30 am** **Welcome, Meeting Goals, and Conceptual Framework**
J. Marie Hardwick, Johns Hopkins School of Public Health
Judy Lieberman, Boston Children's Hospital and Harvard Medical School
Rotem Sorek, Weizmann Institute of Science
Rebecca Leshan, The Banbury Center
- 8:50 am** **SESSION 1A: Milestones and Conceptual Leaps to Understand PCD**
J. Marie Hardwick, Johns Hopkins School of Public Health
- 9:15 am** **SESSION 1B: Microorganism Cell Death and Disease Pathogenesis**
J. Marie Hardwick, Johns Hopkins School of Public Health
Nick Talbot, The Sainsbury Laboratory



- 10:35 am** **SESSION 2: Evolution of Programmed Cell Death and Multicellularity**
L. Aravind, National Center for Biotechnology Information, NLM, NIH
Eugene Koonin, National Center for Biotechnology Information, NLM, NIH
Zdena Palková, Charles University, Faculty of Science, BIOCEV, CZ
Libuše Váchová, Institute of Microbiology of the Czech Academy of Sciences, BIOCEV, CZ
- 12:45 pm** Luncheon
- 2:45 pm** **SESSION 3: Bacterial Immune Mechanisms I**
Rotem Sorek, Weizmann Institute of Science
Malcolm White, St. Andrews University
James Chen, HHMI, University of Texas Southwestern Medical Center
- 4:45 pm** **General Discussion & Day One Wrap-up**
- 6:00 pm** Reception and dinner

THURSDAY, DECEMBER 1

- 7:15 am** Breakfast
- 8:30 am** **SESSION 4: Immunity and Cell Autonomous vs. Non-autonomous Cell Death Across Species**
Judy Lieberman, Boston Children's Hospital and Harvard Medical School
Cornelius Taabazuing, University of Pennsylvania
N. Louise Glass, University of California, Berkeley
- 10:30 am** **SESSION 5: Viruses Versus Host Microorganisms**
Karen Maxwell, University of Toronto
Marc Meneghini, University of Toronto
Neta Shlezinger, Hebrew University of Jerusalem
- 12:15 pm** Luncheon
- 2:15 pm** **SESSION 6: Bacterial Defense Mechanisms II**
Peter Fineran, University of Otago
Laurence Van Melderen, Université Libre de Bruxelles
- 3:15 pm** **General Discussion**



4:15 pm SESSION 7: Membrane Integrity During Cell Death and Survival

Edward Miao, Duke University

Manuela Côrte-Real, University of Minho, Centre of Molecular and Environmental Biology

5:15 pm General Discussion & Day Two Wrap-up

6:00 pm Reception and dinner

FRIDAY, DECEMBER 2

7:15 am Breakfast

8:30 am SESSION 8: Global and Targeted Impacts of Microorganism Cell Death

Assaf Vardi, Weizmann Institute of Science

Teresa Pawlowska, Cornell University

Johan Thevelein, KU Leuven and NovelYeast

10:30 am SESSION 9: Meeting Wrap-Up, Next Steps

Group Discussion: meeting synthesis, outputs/next steps

12:15 pm Luncheon

1:30 pm Participant Departures



PARTICIPANTS

L. Aravind, National Center for Biotechnology Information, NLM, NIH
James Chen, HHMI, University of Texas Southwestern Medical Center
Manuela Côrte-Real, University of Minho, Centre of Molecular and Environmental Biology
Peter Fineran, University of Otago
N. Louise Glass, University of California, Berkeley
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