



## MEETING AGENDA

# Intrinsically Disordered Proteins in Cancer

January 12-15, 2025

The Banbury Center, Lloyd Harbor, New York

This meeting was organized by:

**Cigall Kadoch**, Dana-Farber Cancer Institute

**Rohit Pappu**, Washington University in St. Louis

This meeting was supported by

**The Mark Foundation for Cancer Research**

## SUNDAY, JANUARY 12, 2025

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**Afternoon** Arrivals and check-in at Robertson House

**6:00 pm** Reception and dinner

## MONDAY, JANUARY 13, 2025

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**7:15 am** Breakfast

**8:30 am** **WELCOME & SCENE-SETTING**

Rebecca Leshan, The Banbury Center

Rob Magin, The Mark Foundation for Cancer Research

Cigall Kadoch, Dana-Farber Cancer Institute, and

Rohit Pappu, Washington University in St. Louis

**9:00 am** **SESSION 1: The Basics of IDPs, Phase Separation, Cancer, and the Synergies Among Them**

Chairperson: Cigall Kadoch, Dana-Farber Cancer Institute

Peter Wright, Scripps Research Institute

Clifford Brangwynne, HHMI, Princeton University

Richard Young, Whitehead Institute for Biomedical Research; MIT

**12:00 pm** Luncheon



- 2:00 pm** **SESSION 2: Transcriptional Regulation and Dysregulation**  
Chairperson: Rohit Pappu, Washington University in St. Louis  
Ibrahim Cissé, Max Planck Institute of Immunobiology and Epigenetics  
Naama Barkai, Weizmann Institute of Science  
Tanja Mittag, St. Jude Children's Research Hospital  
Tugce Aktas, Max Planck Institute for Molecular Genetics
- 4:30 pm** **Day One Summary**
- 6:00 pm** Reception and dinner

## **TUESDAY, JANUARY 14, 2025**

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- 7:15 am** Breakfast
- 8:30 am** **Day Two Introduction**
- 8:35 am** **SESSION 3: Chromatin Organization and Dynamics**  
Chairperson: Lara Szewczak, *Cell*  
Michael Rosen, HHMI, University of Texas Southwestern  
Katherine Stott, University of Cambridge  
Miguel Rivera, Massachusetts General Hospital; Harvard Medical School
- 10:35 am** **SESSION 4: IDP Grammars, Functions, and Computations**  
Chairperson: Michael Carleton, The Mark Foundation for Cancer Research  
Rosangela Sozzani, North Carolina State University  
Rohit Pappu, Washington University in St. Louis  
Cigall Kadoch, Dana-Farber Cancer Institute
- 12:35 pm** Luncheon
- 2:30 pm** **SESSION 5: Fusion Oncoproteins and Viral Oncoproteins**  
Chairperson: Ian Fingerman, National Cancer Institute, NIH  
Priya Banerjee, University at Buffalo, SUNY  
Danfeng Cai, Johns Hopkins University  
Lucía Chemes, Universidad Nacional de San Martín
- 4:30 pm** **Day Two Summary**
- 6:00 pm** Reception and dinner



## WEDNESDAY, JANUARY 15, 2025

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- 7:15 am Breakfast
- 8:30 am Day Three Introduction
- 8:35 am **SESSION 6: Chemical Biology, IDP Processing, and Transcriptional Condensates**  
Chairperson: Rob Magin, The Mark Foundation for Cancer Research  
  
Edward Lemke, Johannes Gutenberg Universität & Institute of Molecular Biology  
Xavier Salvatella, ICREA and IRB Barcelona  
Michal Sharon, Weizmann Institute of Science  
Denes Hnisz, Max Planck Institute for Molecular Genetics
- 11:00 am **SESSION 7: Panel Discussion, Summary**  
Moderators: Cigall Kadoch, Rohit Pappu  
  
Plenary Discussion: outstanding issues, summary, highlights  
  
Next steps, action items, responsibilities
- 12:15 pm Luncheon; Participant Departures

## PARTICIPANTS

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**Tugce Aktas**, Max Planck Institute for Molecular Genetics

**Priya Banerjee**, University at Buffalo, SUNY

**Naama Barkai**, Weizmann Institute of Science

**Rebecca Bish**, The Mark Foundation for Cancer Research

**Clifford Brangwynne**, HHMI, Princeton University

**Danfeng Cai**, Johns Hopkins University

**Michael Carleton**, The Mark Foundation for Cancer Research

**Lucía Chemes**, Universidad Nacional de San Martín

**Ibrahim Cissé**, Max Planck Institute of Immunobiology and Epigenetics

**Ian Fingerman**, National Cancer Institute, NIH

**Denes Hnisz**, Max Planck Institute for Molecular Genetics

**Cigall Kadoch**, Dana-Farber Cancer Institute

**Matthew King**, Washington University in St. Louis & Dana-Farber Cancer Institute

**Edward Lemke**, Johannes Gutenberg Universität & Institute of Molecular Biology

**Rob Magin**, The Mark Foundation for Cancer Research

**Tanja Mittag**, St. Jude Children's Research Hospital

**Rohit Pappu**, Washington University in St. Louis

**Miguel Rivera**, Massachusetts General Hospital; Harvard Medical School

**Michael Rosen**, HHMI, University of Texas Southwestern

**Xavier Salvatella**, ICREA and IRB Barcelona

**Michal Sharon**, Weizmann Institute of Science

**Rosangela Sozzani**, North Carolina State University

**Katherine Stott**, University of Cambridge

**Lara Szewczak**, Cell

**Peter Wright**, Scripps Research Institute

**Richard Young**, Whitehead Institute for Biomedical Research; Massachusetts Institute of Technology