



## MEETING AGENDA

### DNA for Digital Storage

The Banbury Center, Cold Spring Harbor Laboratory, New York, USA  
March 4-6, 2018

This meeting was funded by **Burroughs Wellcome Fund**, **Agilent Technologies**, **Twist Bioscience**, with additional support from **Microsoft Corporation**.

#### Organizers:

Ewan Birney, European Bioinformatics Institute  
Yaniv Erlich, Columbia University  
Nick Goldman, European Bioinformatics Institute

Progress in the use of DNA encoding for data storage has surged since the initial published descriptions of the technology five years ago. This Banbury meeting convened experts and thought leaders in order to: (1) share current knowledge on the use of DNA for information storage; (2) examine limitations and potential opportunities, and (3) identify strategies to deploy the technology for more widespread research and commercial use.

#### SUNDAY, MARCH 4

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Afternoon Participant arrivals

**6:00 pm** Reception, dinner

#### MONDAY, MARCH 5

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**7:15 am** Breakfast

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

Rebecca Leshan, The Banbury Center, Cold Spring Harbor Laboratory

Nick Goldman, European Bioinformatics Institute, Hinxton, UK

David Rosenthal, Stanford University, Palo Alto, USA



**9:35 am    SESSION I: Synthesis and Chemistry**

Bill Peck, Twist Bioscience, San Francisco, USA

Jeff Sampson & Laura Whitman, Agilent Technologies, Santa Clara, USA

Jean-Francois Lutz, Institut Charles Sadron, Strasbourg, France

Robert Grass, ETH Zürich, Zürich, Switzerland

Olgica Milenkovic, University of Illinois, Urbana, USA

**12:20 pm    General Discussion**

**12:45 pm    Luncheon**

**2:00 pm    SESSION II: Systems**

Erez Zadok, Stony Brook University, Stony Brook, USA

Stephen Hickling, GCHQ, Cheltenham, UK

Karin Strauss, Microsoft, USA

**4:00 pm    SESSION III: Money**

Mike Biddle, Innovate UK, Swindon, UK

Brian Bramlett, Twist Bioscience, San Francisco

**5:00 pm    General Discussion**

**6:00 pm    Reception, dinner**

## TUESDAY, MARCH 6

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**7:15 am    Breakfast**

**8:30 am    SESSION IV: New Science**

Yaniv Erlich, Columbia University, New York, USA

Dina Zielinski, Institut Curie, Paris, France

Ewan Birney, European Bioinformatics Institute, Hinxton, UK

Sri Kosuri, University of California, Los Angeles, USA

Jay Flatley, Illumina, San Diego, USA

**10:30 am    General Discussion**



THE BANBURY CENTER  
Cold Spring Harbor Laboratory

**11:15 am** **SESSION V: Meeting Wrap-up and Next Steps**  
Yaniv Erlich, Columbia University, New York, USA

**12.30 pm** Luncheon

**2:00 pm** Participant departures



## MEETING PARTICIPANTS

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Mike Biddle, Innovate UK  
Ewan Birney, European Bioinformatics Institute  
Brian Bramlett, Twist Bioscience  
Yaniv Erlich, Columbia University  
Jay Flatley, Illumina  
Nick Goldman, European Bioinformatics Institute  
Robert Grass, ETH Zürich  
Stephen Hickling, GCHQ  
Sri Kosuri, University of California, Los Angeles  
Katherine Littler, Wellcome Trust  
Jean-François Lutz, Institut Charles Sadron  
Rowan McKibbin, Biotechnology and Biological Sciences Research Council  
Olgica Milenkovic, University of Illinois  
Bill Peck, Twist Bioscience  
David Rosenthal, Stanford University  
Jeff Sampson, Agilent Technologies Inc.  
Karin Strauss, Microsoft  
Valda Vinson, Science  
Laura Whitman, Agilent Technologies  
Erez Zadok, Stony Brook University  
Dina Zielinski, Institut Curie