Schedule at a Glance

NOTE:
All meals are in the **Dining Room**
All talks are in the **Auditorium**
Posters are located in the **Synapse Room**

Sunday May 25th

3:00 pm	Check-in
6:00 pm	Reception
7:00 pm	Dinner
8:00 pm	Session 1: The Big (Genomic) Picture

Monday May 26th

7:30 am	Breakfast
9:00 am	Session 2: Molecular Biology of Transcriptional Control
10:30 am	Break and Group Photo
11:00 am	Session 3: How Drosophila Gets Its Stripes
12:30 pm	Lunch
1:00 pm	Tour (optional)
2:00 pm	Session 4: Modeling Regulatory Systems
3:30 pm	Break
5:00 pm	Keynote Presentation
6:00 pm	Reception
7:00 pm	Dinner
8:00 pm	Poster Reception

Tuesday May 27th

7:30 am	Breakfast
9:00 am	Session 5: Spatiotemporal Control of Expression
10:30 am	Break
11:00 am	Session 6: Modeling Regulatory Systems
12:30 pm	Lunch
2:00 pm	Session 7: Sex and the X
3:30 pm	Break
5:00 pm	Keynote Presentation
6:00 pm	Reception
7:00 pm	Dinner
8:00 pm	Poster Reception

Wednesday May 28th

7:30 am	Breakfast
9:00 am	Session 8: Spatiotemporal Control of Expression
10:30 am	Break
11:00 am	Session 9: Evolution
12:30 pm	Closing Remarks & Discussion
12:30 pm	Lunch (Take out boxes from Servery & shuttles to Dulles available)
12:45 pm	First shuttle to Dulles
1:30 pm	Second shuttle to Dulles
2:15 pm	Last shuttle to Dulles

Full Schedule

Sunday May 25th

3:00 pm Check-in

6:00 pm Reception

7:00 pm Dinner

8:00 pm Session 1: The Big (Genomic) Picture

8:00 pm **Uri Alon**, The Weizmann Institute of Science, Israel
TBA

8:30 pm **Gerald M. Rubin**, Janelia Farm Research Campus/HHMI
Large-scale promoter bashing in Drosophila

Monday May 26th

7:30 am	Breakfast
9:00 am	**Session 2: Molecular Biology of Transcriptional Control**
9:00 am	**James T. Kadonaga**, University of California, San Diego *Studies of the RNA polymerase II core promoter*
9:30 am	**Robert Tjian**, University of California, Berkeley/HHMI *Transcriptional mechanisms governing cellular differentiation*
10:00 am	**Steven Henikoff**, Fred Hutchinson Cancer Research Center *Histone variant dynamics over the Drosophila genome*
10:30 am	Break and Group Photo
11:00 am	**Session 3: How Drosophila Gets Its Stripes**
11:00 am	**Michael Levine**, University of California, Berkeley *Developmental precision of the Drosophila dorsal-ventral patterning network*
11:30 am	**Ulrike Gaul**, The Rockefeller University *Decoding transcription control in Drosophila segmentation*
12:00 pm	**Michael B. Eisen**, Lawrence Berkeley National Lab *Macro and micro variation in Drosophila regulation sequences*
12:30 pm	Lunch
1:00 pm	Tour (optional)
2:00 pm	**Session 4: Modeling Regulatory Systems**
2:00 pm	**Michael B. Elowitz**, California Institute of Technology *Transient differentiation at the single cell level*
2:30 pm	**John Little**, University of Arizona *Systems behavior in phage λ and evolution of complex regulatory circuitry*
3:00 pm	**Erin O'Shea**, Harvard University/HHMI *Chromatin decouples promoter threshold from dynamic range*
3:30 pm	Break

5:00 pm Keynote Presentation

Mark Ptashne, Sloan-Kettering Institute
Regulation - of gene transcription and more

6:00 pm Reception

7:00 pm Dinner

8:00 pm Poster Reception

Tuesday May 27th

7:30 am Breakfast

9:00 am Session 5: Spatiotemporal Control of Expression

9:00 am **Barbara Wold**, California Institute of Technology
Which sites matter?

9:30 am **Saeed Tavazoie**, Princeton University
Predictive internal representations embedded in regulatory networks

10:00 am **Oliver Hobert**, Columbia University
Regulatory logic of neuronal diversity: Neuronal selector genes and selector motifs

10:30 am Break

11:00 am Session 6: Modeling Regulatory Systems

11:00 am **Manolis Kellis**, Massachusetts Institute of Technology
Tissue-specific regulatory networks in animal genomes

11:30 am **Ian B. Dodd**, University of Adelaide
Not just a passing phage - New ideas about DNA gymnastics and RNA polymerase antics from bacteriophages λ and 186

12:00 pm **Aviv Regev**, MIT/Broad Institute
The module phylogeny: Reconstructing the evolution of gene regulation in Ascomycota fungi

12:30 pm Lunch

2:00 pm Session 7: Sex and the X

2:00 pm **Jeannie T. Lee**, Harvard Medical School/MGH/HHMI
X-chromosome inactivation: Sex, heterochromatin, pairing, and noncoding RNA

2:30 pm **Thomas W. Cline**, University of California, Berkeley
Is the intelligent designer asleep at the wheel? Surprising new twists to the Drosophila sex-determination pathway

3:00 pm **Barbara J. Meyer**, HHMI and University of California, Berkeley
X-chromosome-wide repression through dosage compensation

3:30 pm Break

5:00 pm Keynote Presentation

Sydney Brenner, Janelia Farm Research Campus/HHMI
The definition of cell types and the logical structure of switching

6:00 pm Reception

7:00 pm Dinner

8:00 pm Poster Reception

Wednesday May 28th

7:30 am	Breakfast
9:00 am	**Session 8: Spatiotemporal Control of Expression**
9:00 am	**Susan E. Mango**, University of Utah *Just in time: temporal control of organ development*
9:30 am	**Tom Maniatis**, Harvard University *MiRNAs and gene regulatory networks*
10:00 am	**Alexander Johnson**, University of California, San Francisco *Evolution of transcriptional circuits: Case studies in yeasts*
10:30 am	Break
11:00 am	**Session 9: Evolution**
11:00 am	**Ewan Birney**, EMBL *ENCODE: Understanding our genome*
11:30 am	**Martin Kreitman**, University of Chicago *Canalization and evolution*
12:00 pm	**Sean B. Carroll**, University of Wisconsin/HHMI *Cis-regulatory sequences and a genetic theory of morphological evolution*
12:30 pm	Lunch (Take out boxes from Servery & shuttles to Dulles available)
12:45 pm	First shuttle to Dulles
1:30 pm	Second shuttle to Dulles
2:15 pm	Last shuttle to Dulles