Schedule at a Glance

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

Sunday, May 4th

3:00 pm	Check-in
6:00 pm	Reception
7:00 pm	Dinner
8:00 pm	Refreshments available at Bob's pub

Monday, May 5th

7:30 am	Breakfast
8:45 am	Opening Remarks
9:00 am	Session 1: MicroRNA's and Time Control
10:30 am	Break and Group Photo
11:00 am	Session 2: Time Control and Body Size
12:30 pm	Lunch
1:00 pm	Tour (optional)
2:00 pm	Session 3: Hormones and Time Control
3:30 pm	Break
4:00 pm	Session 4: Timing and Cell Cycle Control
5:45 pm	Reception
6:30 pm	Dinner
7:30 pm	Poster Reception

Tuesday, May 6th

7:30 am	Breakfast
9:00 am	Session 5: Hormones and Time Control II
10:30 am	Break
11:00 am	Session 6: Hormones to MicroRNAs
12:30 pm	Lunch
1:40 pm	Discussion of Future Timing Meetings
2:00 pm	Session 7: Keeping Time with miRNAs
3:30 pm	Break
4:00 pm	Session 8: Time and Neuronal Functions
5:45 pm	Reception
6:30 pm	Dinner
7:30 pm	Poster Reception

Wednesday, May 7th

7:30 am	Breakfast
9:00 am	Session 9: Time Marches On
10:30 am	Break
11:00 am	Session 10: Neuron Fate Timing
12:30 pm	Closing Remarks
12:45 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 4th

3:00 pm	Check-in
6:00 pm	Reception
7:00 pm	Dinner
8:00 pm	Refreshments available at Bob's pub

Monday, May 5th

7:30 am Breakfast

8:45 am Opening Remarks

9:00 am Session 1: MicroRNA's and Time Control

9:00 am **Victor R. Ambros**, University of Massachusetts Medical School
MicroRNA pathways and developmental timing in C. elegans

9:30 am **Scott Poethig**, University of Pennsylvania
Genetic regulation of vegetative phase change in plants

10:00 am **Eric G. Moss**, UMDNJ-SOM/GSBS
Heterochronic gene mechanisms and activity in vertebrates

10:30 am Break and Group Photo

11:00 am Session 2: Time Control and Body Size

11:00 am **Pierre Leopold**, CNRS
The TOR pathway couples nutrition and developmental timing in Drosophila

11:30 am **James W. Truman**, Janelia Farm Research Campus/HHMI
Developmental timers and the control of larval size in insects

12:00 pm **Michael Stern**, Rice University
Insulin released from Drosophila insulin-producing cells is sufficient to accelerate larval development by inducing precociou

12:30 pm Lunch

1:00 pm Tour (optional)

2:00 pm Session 3: Hormones and Time Control

2:00 pm **Donald D. Brown**, Carnegie Institution
The timing of amphibian metamorphosis

2:30 pm **Henry Krause**, University of Toronto
The nuclear receptors E75 and HR3 trigger ecdysone production under the control of heme, nitric oxide and cholesterol

3:00 pm **Lynn M. Riddiford**, Janelia Farm Research Campus/HHMI
Interaction of insulin and juvenile hormone signaling in insect metamorphosis

3:30 pm Break

4:00 pm Session 4: Timing and Cell Cycle Control

4:00 pm **Patrick H. O'Farrell**, University of California San Francisco
Cyclin accumulation as a timer - NOT

4:30 pm **Martin Raff**, University College London
A developmental timer in oligodendrocyte precursor cells

5:00 pm **Olivier Pourquie**, Stowers Institute for Medical Research/HHMI
The vertebrate segmentation clock: converting time into embryonic pattern

5:45 pm Reception

6:30 pm Dinner

7:30 pm Poster Reception

Tuesday, May 6th

7:30 am Breakfast

9:00 am Session 5: Hormones and Time Control II

9:00 am **Adam Antebi**, Baylor College of Medicine
Ligand and nuclear receptor dependent transcriptional activation of microRNAs in the C. elegans heterochronic circuit

9:30 am **Carl S. Thummel**, University of Utah School of Medicine
Roles for nuclear receptors in regulating timing and metabolism in Drosophila

10:00 am **Richard M. Amasino**, University of Wisconsin
A memory of winter controls the timing of flowering

10:30 am Break

11:00 am Session 6: Hormones to MicroRNAs

11:00 am **Alexander W. Shingleton**, Michigan State University
Imaginal discs regulate the timing of metamorphosis in Drosophila

11:30 am **Ann Rougvie**, University of Minnesota
Control of developmental time in C. elegans

12:00 pm **Nicholas Sokol**, Indiana University
Drosophila let-7 is required for remodeling of the muscle system during metamorphosis

12:15 pm **Laura A. Johnston**, Columbia University
Functional requirements of the heterochronic microRNAs let-7 and miR-125 during Drosophila metamorphosis

12:30 pm Lunch

1:40 pm Discussion of Future Timing Meetings

2:00 pm Session 7: Keeping Time with miRNAs

2:00 pm **Gary Ruvkun**, MGH/Harvard - Simches Research Center
Comprehensive identification of C. elegans miRNA pathway genes

2:30 pm **Helge Grosshans**, Friedrich Miescher Institute
Regulation of developmental timing by the let-7 microRNA

2:45 pm **Xantha Karp**, University of Massachusetts Medical School
Let-7 family microRNAs and modulation of C. elegans development in response to environmental conditions

3:00 pm **Alexander Schier**, Harvard University
MicroRNAs, nodal signaling and vertebrate embryogenesis

3:30 pm Break

4:00 pm Session 8: Time and Neuronal Functions

4:00 pm **Wayne A. Johnson**, University of Iowa
Physiological and biophysical control of developmental timing in Drosophila larvae

4:30 pm **Michael B. O'Connor**, University of Minnesota/HHMI
Regulation of Drosophila developmental timing and body size by Prothoracicotropic hormone

5:00 pm **Katherine Olsson-Carter**, Yale University
The lin-4 microRNA regulates maturation of a C. elegans motor neuron

5:15 pm **Marie-Laure M. Baudet**, University of Cambridge
Developmental timer controls changes in growth cone responsiveness: are miRNAs involved?

5:45 pm Reception

6:30 pm Dinner

7:30 pm Poster Reception

Wednesday, May 7th

7:30 am Breakfast

9:00 am Session 9: Time Marches On

9:00 am **David M. Parichy**, University of Washington
Integration and decoupling across the life cycle during the development and evolution of Danio pigment patterns

9:30 am **Yun-Bo Shi**, NICHD, National Institutes of Health
Control of metamorphic timing by unliganded thyroid hormone receptor through the recruitment of corepressor complexes

10:00 am **Hong Zhang**, National Institute of Biological Sciences, Beijing
The C. elegans PcG-like gene sop-2 coordinately regulates the spatial, temporal, and sexual specificities of cell fates

10:15 am **Doris Wagner**, University of Pennsylvania
Regulation of the switch from vegetative to reproductive development in Arabidopsis

10:30 am Break

11:00 am Session 10: Neuron Fate Timing

11:00 am **Chris Q. Doe**, University of Oregon/HHMI
Temporal identity in Drosophila neuroblast lineages

11:30 am **Sally Temple**, New York Neural Stem Cell Institute
The orderly generation of diverse cell types in the mammalian cerebral cortex

12:00 pm **Tzumin Lee**, University of Massachusetts Medical School
Cell cycle-independent timing in the production of distinct Drosophila mushroom body neurons

12:30 pm Closing Remarks

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