

Schedule of Activities

Thursday, April 8

3:00 to 6:00 p.m. **Registration:** Administration

6:00 to 7:00 p.m. **Dinner:** Crocker

8:00-10:00 p.m. Mixer, Merrill Hall

Friday, April 9

7:30-8:30 a.m Breakfast, Crocker

8:30-12:05 **Session I: Cell Signaling and Development**

Chair: Meritxell Riquelme

8:30	Neurospora Policy Committee	Welcome and announcements
8:40	Andre Fleissner	Directed growth in <i>Neurospora</i>
9:05	Oded Yarden	Two <i>Neurospora crassa</i> NDR kinases (DBF2 and COT1) perform distinct functions in regulating hyphal morphology
9:30	Stephan Seiler	Regulation of Ndr kinase activity and function by interacting proteins and pathways
9:55	Michael Freitag	Maintenance of <i>Neurospora</i> centromeres
10:15	Coffee break	
10:40	Sara Wright	Characterization of the <i>ric-8</i> gene in <i>Neurospora crassa</i>
11:05	Barry Bowman	Where is calcium sequestered in hyphae, and how does it get there?
11:25		
11:45		
12:05-2:00	Lunch, Crocker	Business meeting, presentation of Awards

3:00-5:30 p.m. **Session II: Cell Biology and Morphogenesis**

Chair: Stephan Seiler

3:00	Rosa Mourino	Microtubule plus end proteins in <i>Neurospora crassa</i>
3:25	Michael Watters	Growth rate dependent branching among mutants from the <i>Neurospora</i> knockout library
3:50	Meritxell Riquelme	The apical secretory apparatus of <i>Neurospora crassa</i>
4:15	Coffee break	
4:40	Nick Read	Cell biology of colony initiation in <i>Neurospora crassa</i>
5:05	Rick Collins	Towards experimental determination of the <i>Neurospora</i> mitochondrial proteome
5:10		

5:30		
6:00-7:00	Dinner, Crocker	
7:00-10:00	Poster session I	Presenters should be in front of their posters: odd numbers 7-8pm, even numbers 8-9 pm
<u>Saturday, April 10</u>		
7:30-8:30	Breakfast, Crocker	
8:30-12:05	Session III:Gene Regulation <u>Chair: David Catcheside</u>	
8:35	Shinji Honda	The DMM complex prevents spreading of DNA methylation from transposons to nearby genes in <i>Neurospora crassa</i>
9:00	David Rehard	Ascus dominance in <i>Neurospora</i>
9:25	Rodolfo Aramayo	Meiotic Silencing, Not Maple Syrup Urine Disease (MSUD)
9:50	Zhihong Xue	Diverse small RNA biogenesis pathways in <i>Neurospora</i>
10:15	Coffee break	
10:40	Frederick Bowring	Efficient detection of rare recombination events
11:05	Dan Ebbole	Conidiation in <i>Neurospora</i> and evolution of asexual sporulation in filamentous fungi
11:30	Abby Leeder	PP-1 (Ste12) dependent transcription during germling fusion in <i>Neurospora crassa</i>
12:05-2:30	Lunch, Crocker	

3:00 -6:00	Session IV: Light and Circadian Clock <u>Chair: Yi Liu</u>	
3:00	Jay Dunlap	Genetic and Molecular Dissection of the Neurospora Clock: Genetics and Epigenetics
3:25	Luis Larrondo	Defining the basis for a high-throughput bioluminescence clock-screening in Neurospora
3:50	Michael Brunner	Molecular mechanism of light-adaptation of Neurospora
4:15	Coffee break	
4:40	Renato DePaula	Insights into circadian oscillator complexity
5:05	Luis Corrochano	A role for the Neurospora RCO-1/RCM-1 complex in the regulation by light of gene transcription
5:30	Suzanne Hunt	The role of VIVID in light and temperature responses of the Neurospora circadian system
6:00-7:30	Banquet, Crocker	
	Banquet Speech:	Dr. Richard L. Weiss
7:30-10:30	Poster session II	

Sunday, April 11

7:30-8:30	Breakfast	
8:30-12:00	Session V: Evolution and Genomics <u>Chair: Michael Freitag</u>	
8:35	Chris Ellison	Unexpected population structure in <i>Neurospora crassa</i> from the Caribbean Basin
9:00	Charles Hall	The development of genetics and genomics for analysis of quantitative traits in the model filamentous fungus, <i>Neurospora crassa</i>
9:25	Jason Stajich	Evolutionary genomics of <i>Neurospora</i> and other Sordariales
9:50	Jianping Sun	Biofuels: Systems analysis of plant cell wall degradation by the model filamentous fungus <i>Neurospora crassa</i>
10:15	Coffee Break	
10:40	Kathy Borkovich	Overview of Program Project grant on Systems Biology of Fungi
	Kathy Borkovich	Project 1
	James Galagan	Project 2
	Michael Freitag	Project 3
12:00	Lunch and Checkout	