

Dicty 2013 Meeting Schedule

Sunday, August 4th

4:00-6:30 PM	Check-in	Main Lobby
7:00-8:00 PM	Keynote Seminar	Burghley Ballroom
	Michael W. Davidson	
	"Recent Advances in Fluorescent Protein Technology " National High Magnetic Field Laboratory Florida State University	
8:00-10:00 PM	Reception	Burghley Terrace

Monday, August 5th

7:30-8:30 AM	Breakfast	Garden Terrace
9:00-10:15 AM	Session I. Transcriptional regulation Chair: Gad Shaulsky	Burghley Ballroom
	Nicole Gruenheit <i>Antisense transcription – just noise or another layer of regulation</i>	
	Ludwig Eichinger <i>Identification of the protein kinases Pyk3 and Phg2 as regulators of the STATc mediated response to hyperosmolarity</i>	
	James Platt <i>Chromatin re-modeling and <u>Dictyostelium</u> development</i>	
10:15-10:45 AM	Coffee Break	Burghley Ballroom
10:45 AM-12:00	Session II. <u>Dictyostelium</u> Signaling I Chair: Pascal Charest	Burghley Ballroom
	Seido Nagano <i>The role of G-protein dynamics in adaptation and spontaneous cAMP oscillation in <u>Dictyostelium</u></i>	
	Jeff Hadwiger <i>G protein signaling pathways that regulate phosphodiesterase activity and development</i>	
	David Ratner <i>Interactions between <u>Dictyostelium</u> histidine kinases and the cAMP phosphodiesterase RegA</i>	
12:00-1:30 PM.	Lunch (dictyBase Scientific Advisory Board Meeting)	Garden Terrace Exeter Boardroom

1:30-2:45 PM	Session III. Chemotaxis I Chair: Jason King	Burghley Ballroom
	Wouter-Jan Rappel <i>Dynamics of pseudopod competition in chemotaxing <u>Dictyostelium</u> cells</i>	
	Thomas Lampert <i>Utilizing cell-substrate adhesion to discover novel regulators of directed cell migration</i>	
	Pascale G. Charest <i>Tight regulation of TORC2 function in chemotaxis</i>	
2:45-5:45 PM	Afternoon Break	
5:45-7:15 PM	Dinner	Garden Terrace
7:20-8:15 PM	Session IV. Dynamic Movements Chair: Cynthia Damer	Burghley Ballroom
	Annette Müller-Taubenberger <i>Organization and dynamics of microtubules in <u>Dictyostelium</u></i>	
	Huaqing Cai <i>Nucleocytoplasmic shuttling of a GATA transcription factor functions as a developmental timer</i>	
8:15-10:15 PM	Poster Session (Odd numbered posters)	Vanderbilt Room

Tuesday, August 6th

7:30-8:30 AM	Breakfast	Garden Terrace
9:00-10:15 AM	Session V. Chemotaxis II Chair: Chris Janetopoulos	Burghley Ballroom
	Miho Iijima <i>Rho GTPases Orient Directional Sensing in Chemotaxis</i>	
	Douwe Veltman <i>PIP3-dependent macropinocytosis is incompatible with chemotaxis</i>	
	Chuan-Hsiang Huang <i>Cell migration is mediated by coupling an excitable signaling network to an oscillatory cytoskeletal network</i>	
10:15-10:45 AM	Coffee Break	Burghley Ballroom
10:45 AM-12:00	Session VI. Membrane Dynamics, Lysosomes, And Symbiosis Chair: Paul Kreibel	Burghley
	Kari Naylor <i>Mitochondrial Fission and Fusion in <u>Dictyostelium discoideum</u>: a search for proteins involved in membrane dynamics</i>	
	Jason King <i>WASH is required for lysosomal recycling and efficient autophagic and phagocytic digestion</i>	
	Debra A Brock <i>Food or defensive symbiont: How a stop codon can change your fate</i>	

12:00-1:30 PM	Lunch	Garden Terrace
1:30-3:25 PM	Session VII. Dicty And Disease Chair: Robin Williams	Burghley Ballroom
	Robin Williams <i><u>Dictyostelium</u> as a pharmacological model system in medical research</i>	
	Anna Frej <i>Development of a first-choice non-animal model for bipolar disorder research</i>	
	Coffee Break (2:20-2:35 PM)	
	Alexandra Surcel <i>Dicty on drugs: Characterizing a novel small molecule regulator of myosin-II dynamics</i>	
	Michael Myre <i>Mutant full length human huntingtin confers an in vivo gain-of-function on the ordered extension of pseudopodia in <u>Dictyostelium</u></i>	
3:25-5:45 PM	Afternoon Break	
5:45-7:15 PM	Dinner	Garden Terrace
7:20-8:15 PM	Session VIII. Dictyostelium Signaling II Chair: Derrick Brazill	Burghley Ballroom
	Adam Kuspa <i>TirA signaling and the biochemical characterization of bacterial "extracellular traps" produced by Sentinel cells in <u>D. discoideum</u></i>	
	Allyson Sgro <i>Understanding the dynamical origins of collective cAMP oscillations in <u>Dictyostelium discoideum</u></i>	
8:15-10:15 PM	Poster Session (Even numbered posters)	Vanderbilt Room

Wednesday, August 7th

7:30-8:30 AM	Breakfast	Garden Terrace
9:00-10:15 AM	Session IX. Cytoskeleton and Adhesions Chair: Alexandra Surcel	Burghley Ballroom
	Yidai Yang <i><u>Dictyostelium</u> PakB is involved in Maintenance of Cortical Tension Through Regulation of Myosin I</i>	
	Derrick Brazill <i><u>Dictyostelium</u> PakD mediates quorum sensing by regulating the actin cytoskeleton</i>	
	Paul Kriebel <i>The Isolation, Proteomic Analysis and Function of <u>Dictyostelium</u> Exosomes</i>	
10:15-10:30 AM	Coffee Break	Burghley Ballroom

Bill Loomis *Changes in cell-substrate adhesion during early development*

Marco Tarantola *Dictyostelium discoideum substrate adhesion*

11:20 AM-4:30 PM.

Lunch and Excursions

Whitewater Rafting – Packed Lunches. Bus leaves at 11:45 AM.

Biltmore Estate Tour – Buffet Lunch (Garden Terrace). Bus departs at 12:30 PM

6:00-9:00 PM

Banquet at Antler Hill Barn on Biltmore Estate

Bus to the banquet will leave at 5:30 PM

Thursday, August 8th

7:30-8:30 AM

Breakfast

Garden Terrace

9:00-9:50 AM

Session X. Evolution and Development

Burghley Ballroom

Chair: Susanne DiSalvo

Tracy Douglas

Selection on multiple mating types in Dictyostelium: more than two but fewer than many

Shashi Prakash Singh

Molecular characterization of thyroxine 5' deiodinase (DIO3) in the cellular slime mold Dictyostelium discoideum.

9:50-10:15 AM

Coffee Break

Burghley Ballroom

10:15-11:30 AM

Session XI. Chemotaxis III

Burghley Ballroom

Chair: Paul Steimle

Arjan Kortholt

Essential roles for small G-proteins in the regulation of directional cell movement

Monica Skoge

Chemotaxis in spatiotemporal waves: memory in Ras activation and the back-of-the-wave problem

Netrapal Meena

A Novel Secreted Protein Potentiates Dictyostelium Aggregation at Low Cell Density

11:30 AM

DEPARTURE