

New York Area Plant Molecular Biology meeting, June 7, 2008
Adelphi University Ballroom, Garden City, NY

Schedule of Talks

Time	Presenter	Title
9-9:30 AM	Registraton	
9:25 AM	Lawrence Hobbie Adelphi	Welcome & introduction
Metabolism and genomics		
9:30-9:45	Mariana Obertello NYU	Systems approach identifies an organic nitrogen-responsive gene network that is regulated by the master clock control gene CCA1
9:45-10	Manpreet Katagiri NYU	Virtual Plant: a software platform to support systems biology research in the post-genomic era
10:00-10:15	Paul Matthews S.S. Steiner Inc.	Metabolic engineering of phytoestrogen content in hop glandular trichomes
10:15-10:30	Ratnakar Vallabhaneni Lehman College, CUNY	Timing biosynthetic potential of pro-vitamin A accumulation in a maize genetic diversity panel
10:30-11	Break and posters	
Signaling		
11:00-11:15	Hemalatha Saidasan Rutgers U.	Phycomitrella patens: a genetically tractable system for plant-pathogen interactions
11:15-11:30	Mark Diamond Rutgers U.	Autophagy regulates senescence and stress response in Physcomitrella patens
11:30-11:45	Zhenzhen Zhou Binghampton U.	Arabidopsis phytochrome A interacts with FHY1 and plays an important role in FHY1 phosphorylation upon red light exposure
Evolution & epigenetics		
11:45-12:00	Jason Williams CSHL	Evolution of the chloroplast gene ndhF in Dioscoreales; gene duplications and nuclear transfer in a larger monocot context
12:00-12:15	R. Keith Slotkin CSHL	Epigenetic transposable element reactivation in a wild-type tissue of the model plant Arabidopsis
12:15-1:45 PM	Lunch and poster session	
Cell biology		
1:45-2:00	Xianfeng Xu CSHL	RanGap identifies the Arabidopsis division plane and has a role in cell plate positioning and cortical microtubule organization
2:00-2:15	Yuda Fang CSHL	Dicing in the plant cell nuclei
2:15-2:30	Yoselin Benitez Alfonso CSHL	Redox-dependent regulation of intercellular transport in Arabidopsis thaliana
2:30-2:45	Alexander Sanchez Adelphi U.	Characterizing enhancers of the <i>auxin-resistant4</i> mutation of Arabidopsis