

# GGB Symposium 2010

<b><u>Time:</u></b>	<b><u>Event:</u></b>
<b>8:00-9:00 AM</b>	<b><i>New Student Orientation</i></b>
<b>8:30-9:30 AM</b>	<b><i>Breakfast (Genomics Lobby)</i></b>
<b>9:30-9:40 AM</b>	<b><i>Welcome &amp; Opening Remarks</i></b>
<b>9:40-10:40 AM</b>	<b>Session I    <i>Session Chair – Patrick Schacht</i></b>
9:40	<b>Michelle Brown</b> — <i>Endosidin2 Disrupts Endomembrane Trafficking of Specific Auxin Transporters.</i>
9:55	<b>Tusar Saha</b> — <i>Role of Juvenile Hormone in egg maturation of female mosquito, Aedes aegypti.</i>
10:10	<b>Rizi Ai</b> — <i>Homology Modeling on Cannabinoid Receptor 1.</i>
10:25	<b>Samer Elkashef</b> — <i>Small Molecule Inhibitors of RNA Silencing.</i>
<b>10:40-10:55 AM</b>	<b><i>Coffee Break</i></b>
<b>10:55-11:55 AM</b>	<b>Session II    <i>Session Chair – Rizi Ai</i></b>
10:55	<b>Sumana Pasala</b> — <i>Identification and Functional Characterization of miRNAs Regulated by HNF4<math>\alpha</math>1.</i>
11:10	<b>Divya Sain</b> — <i>Identification and validation of Fungal cell wall components using Phylogenomics and Functional Genomics.</i>
11:25	<b>James Starrett</b> — <i>Silk gland transcripts from mesothele and mygalomorph spiders and the early evolution of the spidroin gene family.</i>
11:40	<b>Augusta Jamin</b> — <i>Understanding the Role of REN1 Phosphorylation by Calcium-Dependent Protein Kinase in Feedback Regulation of ROP1 Pathway.</i>
<b>12:00-1:30 PM</b>	<b><i>Lunch (HUB 355)</i></b>

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<b><u>Time:</u></b>	<b><u>Event:</u></b>
<b>1:30-2:30 PM</b>	<b>Session III</b> <i>Session Chair – Tusar Saha</i>
1:30	<b>Sourav Roy</b> — <i>Bioinformatic tools complement molecular biology techniques in the rapid discovery of spore-specific transcription factor binding sites in the phytopathogen <i>Phytophthora infestans</i>.</i>
1:45	<b>Samantha Lewis</b> — <i>Nucleotide composition may influence mitogenomic rearrangement frequencies.</i>
2:00	<b>Alexander Michkov</b> — <i>Analysis of G<math>\alpha</math> subunits of heterotrimeric G proteins in <i>Neurospora crassa</i>.</i>
2:15	<b>Patrick Schacht</b> — <i>Studying the non-receptor GEF RIC8 using Chemical, Classical and Molecular Genetics in <i>Neurospora crassa</i>.</i>
<b>2:30-2:45 PM</b>	<b>Coffee Break</b>
<b>2:45-3:45 PM</b>	<b>Session IV</b> <i>Session Chair – Yifan Lii</i>
2:45	<b>Shruti Lal</b> — <i>Understanding the Molecular Mechanisms that Control Floral Evocation in <i>Arabidopsis thaliana</i>.</i>
3:00	<b>Venkatesh Sivanandam</b> — <i>Molecular Mechanism Regulating Replication and Packaging of Satellite Tobacco Mosaic Virus.</i>
3:15	<b>Ritu Chaudhary</b> — <i>Characterization of aphid salivary proteins and identification of candidate effectors.</i>
3:30	<b>Hagop Atamian</b> — <i>Roles for WRKY Transcription Factors in Mi-mediated Defense Against Aphids and Nematodes.</i>
<b>3:45-4:00 PM</b>	<b>Coffee Break</b>
<b>4:00-4:45 PM</b>	<b>Session V</b> <i>Session Chair – Shruti Lal</i>
4:00	<b>Jennifer Crowley</b> — <i>qPCR Used in the Detection and Quantitation of CIRE1 Retrotransposon in the Citrus Genome.</i>
4:15	<b>Sean Boyle</b> — <i>Decoding Odor Receptor Chemical Space in silico.</i>
4:30	<b>Charles Jang</b> — <i>Effect of Arabidopsis MAP Kinase 6 (AtMPK6) on steady-state transcript levels under hypoxia.</i>
<b>4:45-5:00 PM</b>	<b>Awards &amp; Closing Remarks</b>