

11:00 – 12:00 Poster Session

POSTER #	NAME	PROGRAM	PI	TITLE
1	Allison Barbaglia	BMB	Susanne Hoffmann-Benning	Lipid-Binding Proteins Play a Role in Phloem-Mediated Long-Distance Signaling and Abiotic Stress Response
3	Neil White	BMB	Charles Hoogstraten	Kinetics, Thermodynamics, and Dynamics of Ribozymes
5	Casey Johnny	CMB	Dean DellaPenna	Probing the biochemical continuity of the plastid and ER using the gibberellin biosynthetic pathway
7	Geoffry Davis	CMB	David Kramer	The electric field component on the proton motive force sensitizes photosystem II to damage
9	Jeffery Schachterle	Genetics	George Sundin	Regulation of flagellar motility by the small RNA ArcZ in <i>Erwinia amylovora</i>
11	Mitchell Roth	Genetics	Martin Chilvers	Photosynthesis measurements using PhotosynQ reflects soybean plant health and helps predict sudden death syndrome (SDS) symptom development
13	Scott Funkhouser	Genetics	Cathy Ernst	RNA editing in swine is associated with PRE-1 retrotransposons
15	John Seungwu Lee	MMG	Yann Dufour	Quorum sensing-mediated regulation of phenotypic diversity in swimming behaviors of <i>Vibrio cholerae</i>
17	Michelle Korir	MMG	Shannon Manning	Role of NADH Peroxidase in Intracellular Survival of Group B Streptococcus in Human Macrophages
19	Di Zhang	Pharm/Tox	Karen Liby	Intratumoral delivery of the PARP inhibitor BMN-673 for treatment of BRCA1-deficient breast cancer
21	Vanessa Benham	Pharm/Tox	Jamie Bernard	The role of adipose tissue in tumor formation

2:30 – 3:30 Poster Session

POSTER #	NAME	PROGRAM	PI	TITLE
2	Jason Schrad	BMB	Kristen Parent	Cryoelectron Microscopy Evidence for a Stargate in the Giant Virus, Samba Virus
4	L. Ruby Carrillo	BMB	David Kramer	DECIPHERING THE EARLY BIRD ACTIVATION OF THE CHLOROPLAST ATP SYNTHASE
6	Robert Loepp	CMB	Steve van Nocker	Breaking Nonsense: Molecular and Developmental Characterization of Plant Nonsense-mediated mRNA Decay Factor UPF2
8	Ya-Shiuan Lai	CMB	Federica Brand	THE FUNCTIONALLY-CONSERVED ER-SHAPING DYNAMIN-LIKE ROOT HAIR DEFECTIVE 3 (RHD3) IS REQUIRED FOR PROPER ACTIVATION OF THE UNFOLDED PROTEIN RESPONSE
10	Ryan Corbett	Genetics	Cathy Ernst	Integrating whole-genome association with expression profiling to investigate fat and meat quality traits in a pig resource population
12	Brian Nohomovitch	MMG	Shannon Manning	Impact of Intestinal Bacteriophage Communities on Growth of enteric Pathogens
14	Heather Miller	MMG	Matt Schrenk	Microbial Mediation Of Deep Carbon Cycling Along The “Ring Of Fire”, A Subducting Oceanic Lithosphere, Western Aleutian Islands
16	Megan Shiroda	MMG	Shannon Manning	Group B Streptococcus Interactions with Commensal Lactobacillus