

PENNSTATE



Pharmacogenomics Research Network (PGRN) Statistical Analysis Resource (P-STAR) Meeting



The Nittany Lion Inn, University Park, PA

Monday, April 27, 2015

8:30 – 9:00 AM	Registration – Mail Level Lobby, Meeting in Ballroom AB (Beverages available all day/Light Refreshments 9:00-11:00 AM & 2:00 – 4:00 PM)
9:00 – 9:15 AM	Welcome: Marylyn Ritchie (P-STAR), Penn State University and Geisinger
9:15 – 9:45 AM	A study of shared genetic etiology of autoimmune disease from a biorepository linked to de-identified electronic medical records Nicole A. Restrepo , Vanderbilt University/Case Western Reserve University, P-STAR
9:45 – 10:15 AM	Gene-level tests of Pharmacogenomic Effects in Ethnically Diverse Samples: An Illustration Using Data from the International SSRI Pharmacogenomics Consortium. Joanna Biernacka , Mayo Clinic, Mayo Clinic
10:15 – 10:30 AM	Break – Mail Level Lobby Area
10:30 – 11:00 AM	<i>F2RL1</i> is associated with pleiotropic effects induced by dexamethasone Laura B. Ramsey , St. Jude’s Children’s Research Hospital, PAAR4Kids
11:00 – 11:30 AM	Exploiting the genetic regulation of molecular phenotypes to boost discoveries in pharmacogenomics Hae Kyung Im , The University of Chicago, PAAR
11:30 – 12:00 PM	Integration of genetic and functional genomics data to uncover chemotherapeutic induced cytotoxicity Ruowang Li , The Pennsylvania State University, P-STAR
12:00 – 1:00 PM	Lunch & Discussion – Ballroom C
1:00 – 1:30 PM	Integrated Polygenetic Modeling by Genomic Determination Index Cheng Cheng , St. Jude Children’s Research Hospital, P-STAR
1:30 – 2:00 PM	PANOPLY - Precision cancer genomic report: single sample inventory Krishna R. Kalari , Mayo Clinic, P-STAR
2:00 – 2:30 PM	RNA-seq analysis reveals a potential link between mammalian mtFAS II, RNA processing, and neurodegeneration Sabrina Mitchell , Vanderbilt University/Case Western Reserve University, P-STAR
2:30 – 2:45 PM	Break – Mail Level Lobby Area
2:45 – 3:15 PM	Comparison of statistical approaches for biologically-inspired binned variants for association analysis of low frequency variants Anna Okula , The Pennsylvania State University, P-STAR
3:15 – 4:15 PM	Large-Scale Human Genetics Applied to Drug Discovery and Development Dr. Alan Shuldiner , Regeneron Genetics Center - Key Note Speaker
4:15 – 4:30 PM	Open Discussion
4:30 – 5:30 PM	Free Time
5:30 PM	Groups meet to head to dinner