



Pharmacogenomics Poster Session at ASHG 2017

#	Title	Author List
1	Leveraging protein coding gene expression profiles to accurately impute lncRNA transcriptome of uncharacterized samples	Aritro Nath, Paul Geeleher, R. Stephanie Huang
2	Utilization of drugs with evidence for pharmacogenomic testing following percutaneous coronary intervention	Nihal El Rouby, Adel Alrwisani, Julie A Johnson, Almut G Winterstein, Larisa Cavallari
3	Genome-wide association study reveals genetic variants associated with uncontrolled blood pressure on thiazide diuretic/beta-blocker combination therapy: Results from the Pharmacogenomic Evaluation of Antihypertensive Responses (PEAR) trial	Oyunbileg Magvanjav, Yan Gong, Caitrin W. McDonough, Arlene B. Chapman, Stephen T. Turner, John G. Gums, Kent R. Bailey, Eric Boerwinkle, Amber L. Beitelshes, Toshihiro Tanaka, Michiaki Kubo, Carl J. Pepine, Rhonda M. Cooper-DeHoff, Julie A. Johnson
4	A Genome-Wide Association Study Identifies Novel Genetic Signatures Associated with Thiazide Diuretics Adverse Metabolic Events	Mohamed Shahin, Arda Akoluk, Sonal Singh, Caitrin W. McDonough, Yan Gong, Arlene B. Chapman, Stephen T. Turner, John G. Gums, Amber L. Beitelshes, Eric Boerwinkle, Rhonda M. Copper-DeHoff, and Julie A. Johnson
5	SIRT1 Gene Associated with Bisphosphonate-Induced Osteonecrosis of the Jaw: An Exome-Wide Association Analysis	Guang Yang, Issam Hamadeh, Joseph Katz, Alberto Riva, Peter Lakatos, Bernadett Balla, Janos Kosa, Mihaly Vaszilko, Gian Andrea Pelliccioni, Noa Davis, Taimour Y. Langae, Jan S. Moreb, Yan Gong
6	In silico evaluation of a more comprehensive pharmacogenetic profile for predicting opiate metabolizer phenotype	Frank R Wendt, Antti Sajantila, Ranajit Chakraborty, Gita Pathak, August E Woerner, Rodrigo S Moura-Neto, Bruce Budowle
7	Stargazer: a software tool for calling star alleles from next-generation sequencing data using CYP2D6 as a model	Seung-been Lee, Rachel Dalton, Marsha Wheeler, Karynne Patterson, Sean McGee, Andrea Gaedigk, Tim Thornton, Kenneth Thummel, Erica Woodahl, Deborah Nickerson
8	Genome wide association study reveals novel genetic markers associated with Chlorthalidone blood pressure response	Sonal Singh, Yan Gong, Caitrin McDonough, Kent R. Bailey, Amber L Beitelshes, Eric Boerwinkle, Arlene B. Chapman, John G. Gums, Stephen T. Turner, Rhonda M. Cooper-DeHoff, Julie A. Johnson
9	Accelerating pharmacogenomics discovery by imputing drug response in The Cancer Genome Atlas and beyond	Paul Geeleher, Zhenyu Zhang, Fan Wang, Steven Bhutra, Aritro Nath, Robert Grossman, R. Stephanie Huang.
10	TWAS identification of gene-trait associations under varying genetic architectures - An examination using simulated and real data	Yogasudha Veturi, Marylyn D. Ritchie
11	Personalizing Medication Decision Making: An Exploration of Commercial Neuropsychiatric Pharmacogenomic Panels	Zachary T Rivers, Pamala Jacobson, Jon Schommer, Heather Zierhut, Thomas Felton, Jeffrey R Bishop
12	Feasibility of Clinically Implementing CYP2D6 Genotype-Guided Opioid Therapy	D. Max Smith, Kristin W. Weitzel, Amanda R. Elsey, Dyson T. Wake, Adrian Blotner, Jeffrey Budd, Ku-Lang Chang, Erica Elwood, Roger Fillingim, James Grigg, Helen Hagan, Melanie Hagen, Jonathan Harrell, William Hollifield, Jason Konopack, Elvira Mercado, Ying Nagoshi, Kimberly Newsom, Frank Orlando, Steven M. Smith, Greg Westwood, Ashleigh Wright, Eileen Yale, Petr Starostik, Michael J Clare-Salzler, Siegfried Schmidt, Julie A. Johnson, Larisa H. Cavallari

13	β 1-adrenoceptor polymorphisms associated with post-operative arrhythmias in children after congenital cardiac surgery	Leanne Dumeny, Marut Chantra, Taimour Langae, Daniel Zambrano, Benjamin Duong, Frank Han, James Humma, Jonathan Dacosta, Tommie Lovato, Connie Mei, Larisa Cavallari, Mark Bleiweis, and Julie Johnson
14	Data integration optimization for meta-dimensional analysis of disparate genomic and expression studies	Jason E. Miller, Dokyoon Kim, Marylyn D. Ritchie
15	Genome-wide association study: Pandemrix-induced narcolepsy in Sweden	M. Wadelius, N. Eriksson, H. Smedje, Q-Y. Yue, P.K.E. Magnusson, P. Hallberg, on behalf of Swedegene
16	Effects of an Interactive Pharmacogenomic Education Module on Oncology Nurses' Knowledge: A pretest-posttest design	Crystal H. Dodson
17	A Genome-wide Association Study of Cisplatin-Induced Tinnitus in Adult Cancer Survivors	Brandon Mapes, Omar El Charif, Heather E. Wheeler, Robert D. Frisina, Sophie D. Fossa, Darren R. Feldman, Robert J. Hamilton, David J. Vaughn, Clair J. Beard, Chunkit Fung, Christian Kollmannsberger, Jeri Kim, Taisei Mushiroda, Michiaki Kubo, Eric Gamazon, Nancy J Cox, Paul Dinh, Shirin Ardeshir-Rouhani-Fard, Patrick Monahan, Lawrence H. Einhorn, Lois B. Travis, M. Eileen Dolan
18	Understanding the challenges of increasing clinician awareness of pharmacogenomic testing	Mathura Shanmugasundaram and Josiah Allen
19	Personalized dosing of dichloroacetate by Clinical genotyping assay	Taimour Langae, Richard Wagner, Lloyd P. Hore, Petr Starostik, Lee Ann Lawson, Peter W. Stacpoole
20	Polygenic Analysis of Persistent Cisplatin-Induced Peripheral Neuropathy Implicates Immune-Mediated Processes	O. El Charif, H.E. Wheeler, B. Mapes, E.R. Gamazon, S. Ardeshir-Rouhani-Fard, P. Monahan, D. Feldman, R. Hamilton, D. Vaughn, C. Beard, C. Fung, J. Kim, C. Kollmannsberger, S. Fossa, P. Dinh, T. Mushiroda, M. Kubo, L. Einhorn, N. Cox, L. Travis, M.E. Dolan ; for The Platinum Study Group
21	Cohort-specific imputation of gene expression improves prediction of pharmacogenomic traits for African Americans	Assaf Gottlieb, Roxana Daneshjou, Marianne DeGorter, Stephen B. Montgomery & Russ B. Altman
22	CYP2D6 haplotypes with enhancer SNP rs5758550 and rs16947 (*2 allele): implications for CYP2D6 genotyping panels	Balmiki Ray, Eren Ozcagli, Wolfgang Sadee and Danxin Wang
23	Genome wide association study of tacrolimus trough concentrations in Caucasian kidney allograft recipients	Oetting WS, Wu B, Schladt DP, Guan W, Rimmel RP, Mannon RB, Matas AJ, Israni AK, Jacobson PA
24	Potential impact of statin pharmacogenetic testing in an integrated healthcare system: The Integrating Pharmacogenetics in Clinical Care (I-PICC) Study	Stephen J. Miller, Cynthia Hau, Nilla Majahalme, Andrew J. Zimolzak, Lauren MacMullen, Jason L. Vassy
25	Patient perspectives and utilization of pharmacogenomic test results	Lemke AA, Hulick PJ, Sereika AW, Glaser NS, Wake DT, Dunnenberger HM
26	Targeted Next Generation Sequencing for Accurately Determining CYP2D6 Haplotypes Including Copy Number Changes	Bachmeyer, R., Kloske, D., Stoner, M., Vasenkova, I., Wall, A., Parker, J., Erickson-Johnson, M. Varley K., Moore, T
27	Frequencies of BCHE variants in a large cohort of US individuals	G. Zhu, H. Fang, F.G. Espin, E.S. Dawson, T.A. Moreno, A.L. Del Tredici
28	Racial and Ethnic Disparity in Pharmacogenetic Polymorphism Frequency in the Columbia eMERGE III Cohort	Joseph Finkelstein, David Fasel, Sinan Zhu, Chunhua Weng
29	The Asp358Ala Variant in the IL6R Gene Is Significantly Associated With Differences in Soluble IL-6R Protein Levels But Not With Differences in Sarilumab Response in Rheumatoid Arthritis (RA) Patients	A. Damask, A. Boyapati, J. D. Hamilton, S. Hamon, C. Paccard, J. Parrino, J. van Adelsberg, N. M. H. Graham, J. Penn, A. Lopez, J. Reid, J. Overton, A. Baras, A. R. Shuldiner, C. Paulding

30	UGT1A1 Genetic Variants Are Associated With Increases in Bilirubin Levels in Rheumatoid Arthritis Patients Treated With Sarilumab	A. Damask, A. Boyapati, J. D. Hamilton, S. Hamon, C. Paccard, J. Parrino, J. van Adelsberg, N. M. H. Graham, J. Penn, A. Lopez, J. Reid, J. Overton, A. Baras, A. R. Shuldiner, C. Paulding
31	High prevalence of drug-gene interactions in patients taking commonly prescribed medications	Avadhut D. Joshi; Jared M. Munir; Jennifer J. Wong, Houda Hachad
32	Long-read single molecule real-time (SMRT) CYP2D6 sequencing in the Guatemalan population	Yao Yang, Ting-Nien Lin, Kevin Sanaycela, Virginia Perez-Andreau, Timothy Blake Palculict, Wanqiong Qiao, Dyna Borrayo, Cesar Najera, Suparna Martis, Maoxiang Qian, Greyson P. Twist, Raymon Vijzelaar, Andrea Gaedigk, Federico Antillon, Jun J. Yang, Stuart A. Scott
33	LPA variants are associated with residual cardiovascular risk in patients receiving statins	Wei-Qi Wei, Xiaohui Li, Qiping Feng, Michiaki Kubo, Iftikhar J Kullo, Peggy L Peissig, Elizabeth W Karlson, Gail P Jarvik, Ming Ta Michael Lee, Ning Shang, Eric A Larson, Todd Edwards, Christian M Shaffer, Jonathan D Mosley, Shiro Maeda, Momoko Horikoshi, Marylyn D Ritchie, Marc S Williams, Eric B Larson, David R Crosslin, Sarah T Bland, Jennifer A Pacheco, Laura J Rasmussen-Torvik, David Cronkite, George Hripcsak, Nancy J Cox, Russell A Wilke, C Michael Stein, Jerome I Rotter, Yukihide Momozawa, Dan M Roden, Ronald M Krauss, Joshua C Denny
34	High-throughput discovery of deleterious cardiac sodium channel variants	Andrew Glazer, Brett Kroncke, Kenneth Matreyek, Tao Yang, Douglas Fowler, and Dan Roden
35	Improving Prediction of Drug Action - Project 1: A new paradigm for identifying patients and drugs at risk for QT prolongation	Andrew M. Glazer, Laura L. Short, Marcia A. Blair, Teresa Strickland, Christian M. Shaffer, Kevin R. Bersell, Shan Parikh, Joshua C. Denny, Bjorn C. Knollman, Dan M. Roden
36	Improving Prediction of Drug Action - Project 2: Analysis of T-cell repertoire diversity in severe class I HLA-restricted immunologically mediated adverse drug reactions	Katie D. White, Alec Redwood, Shuen-lu Hung, WenHung Chung, David Koelle, Elizabeth J. Phillips
37	Improving Prediction of Drug Action - Project 3: Precision phenomics for personalized drug therapy	Joshua C Denny, Wei-Qi Wei, Jason H Karnes, Cosman A Bejan, Lisa Bastarache, Christian M Shaffer, Silvana Gaudieri, Yaomin Xu, Robert J Carroll, Travis J Osterman, Andrew Glazer, Jonathan D Mosley, Soumya Raychaudhuri, Zhan Ye, John G Mayer, Murray H Brilliant, Scott J Hebring, Eric R Gamazon, Peter Speltz, Janey Wang, Nancy J Cox, Simon Mallal, Elizabeth J Phillips, Dan M Roden
38	Pharmacogenomics iPSC Library and Gene Editing Resource	Katherine E. Santostefano, Chul Han, Yan Gong, Mark A. Wallet, Shouguang Jin, Julie A. Johnson, Patrick Concannon, Naohiro Terada
39	Effect of CYP2C19 variants on proton pump inhibitor efficacy and safety	Andrea H. Ramirez, Elliot M. Fielstein, Jiang Bian, Azra Bihorac, Almut G. Winterstein, Tezcan O. Baslanti, Amanda Eley, Qiping Feng, Charles Hobson, Gloria Lipori, Amir Motaiei, David R. Nelson, George Omalay, Henry H. Ong, Jonathan S. Schildcrout, Yaping Shi, Christopher L. Siström, Andrei Sura, Cheng Wei, Sonya H. White, Josh C. Denny, James P. Franciosi, John J. Lima, Julie Johnson, William Hogan, Josh F. Peterson