

CPIC: PGRN Diversifying PGx Science to Improve Implementation

May 10 - 12, 2022

University of Colorado Anschutz,
Aurora, CO



Day 1

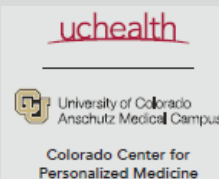
7:30	Registration/Check-in				
8:00 – 8:10	Welcome & Introductions Andrew Monte, MD, PhD PGRN President, and University of Colorado School of Medicine				Session 3: Increasing Diversity in Pharmacogenomic Studies 30 min Presentations & 10 min Q&A plus panel discussion Moderator: Marisa Medina, PhD University of California San Francisco
8:10 – 9:00	Keynote: Joaquin Espinosa, PhD University of Colorado A Multiomics Approach to Understanding Complex Phenotypes	1:00 – 1:40		Transcriptomics and Epigenomics in Understanding Variable Drug Response in African Americans Minoli Perera, PharmD, PhD Northwestern University	
	Session 1: Polygenic Risk Scores (PRS): Applications in Pharmacogenetics 30 min Presentation & 10 min Q&A, followed by 30 min Debate & 10 min Q&A Moderator: Deanna Kroetz, PhD University of California San Francisco	1:40 – 2:20		Diversity in PGx Implementation Studies Julie A. Johnson, PharmD University of Florida	
9:00 – 9:40	Polygenic Risk Score Methodology & Application to Pharmacogenetics Chris Gignoux, PhD University of Colorado Center for Personalized Medicine	2:20 - 3:00		Panel: Increasing Diversity in Pharmacogenetic Studies Minoli Perera, PharmD, PhD Northwestern University Julio Duarte, PharmD, PhD University of Florida	
9:40 – 10:20	Debate: Are Polygenic Risk Scores Ready for Clinical Implementation? Britt Drögemöller, PhD University of Manitoba Jasmine Luzum, PharmD, PhD University of Michigan Chris Gignoux, PhD University of Colorado	3:00 - 3:20		Break (with refreshments)	Session 4: Functional pharmacogenomics 30 min Presentations and 10 min Q&A Moderator: Jun J. Yang, PhD St. Jude Children's Research Hospital
10:20 – 10:45	Break (Refreshments available)	3:20 – 3:50		Functional genomics approaches in anthracycline-induced cardiotoxicity in childhood cancer survivors Yadav Sapkota, PhD St. Jude Children's Research Hospital	
10:45 – 12:00	Session 2: Oral presentations from selected abstracts; 10 min presentations and 5 min Q&A 5 selected abstracts	3:50 – 4:30		Reverse Translational Studies of Taxane-Induced Neuropathy Bryan Schneider, MD Indiana University School of Medicine	
12:00 - 1:00	Lunch	4:30 – 7:00		Session 5: Awards for Early Career Investigators/ Posters / Wine & Cheese / Networking	

Please note a light breakfast & lunch will be provided all conference days

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Day 2

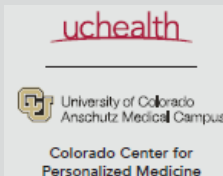
8:05 - 8:30	Welcome and CPIC update Kelly Caudle, PharmD, PhD St. Jude Children's Research Hospital	1:00 – 3:00	Session 3: Laboratory testing and reports Moderator: Kristy Crooks, PhD University of Colorado
8:30 - 9:15	Keynote: Craig Lee, PharmD, PhD University of North Carolina Clinical Utility of Genotype Guided Antiplatelet Therapy: Recent Advances, Current Recommendations, and Future Directions	1:00 – 1:30	Pharmacogenomics Laboratory Best Practices and Navigating Regulatory Requirements Ann M. Moyer, MD, PhD Mayo Clinic
9:15 - 10:30	Session 1: From economics to reimbursement	1:30 – 2:00	The laboratory report Stuart Scott, PhD Stanford University
9:15 - 9:45	Review of cost-effectiveness data & how to show value of pre-emptive PGx testing Kristin Wiisanen, PharmD University of Florida	2:00-2:30	Clinical Decision Support: Unlocking the value of PGx across time and space Mark Dunnenberger, PharmD NorthShore University HealthSystem
9:45 - 10:15	A landscape view of PGx reimbursement and practical considerations for reimbursement Sara Rogers, PharmD Texas A&M University and American Society of Pharmacovigilance	2:30-3:00	Panel
10:15 -10:30	Panel	3:00-3:15	Break
10:30-10:45	Break	3:15 - 4:45	Session 4: Educating the masses Moderator: Cyrine Haidar, PharmD St. Jude Children's Research Hospital
10:45 - 12:00	Session 2: PGx Implementation insights Moderator: Laura Ramsey, PhD Cincinnati Children's Hospital Medical Center	3:15 - 3:40	Physician education/ISCC-PEG Elizabeth Kudron, MD University of Colorado Physician Education
10:45 - 11:15	PGx implementation insights from a prospective, randomized, controlled PGx study Burns Blaxall, PhD The Christ Hospital Health Network	3:40-4:05	Current competencies for pharmacist education in genomics/pharmacogenomics Phil Empey, PharmD, PhD University of Pittsburgh
11:15-11:45	Sharing, managing, and patient counseling for DTC results Emily Cicali, PharmD University of Florida	4:05-4:30	Educational Strategies for Pre-emptive PGx Christina Aquilante, PharmD University of Colorado
11:45-12:00	Q & A/Panel	4:30-4:45	Q & A
12:00 – 1:00	Lunch-Informatics WG to meet/Networking	5:00 - 7:00	Poster presentations/Networking

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Day 3 (half-day)

8:00 - 8:45	Keynote: William Newman, MD, PhD The University of Manchester Rapid Point-of-Care Genotyping to Avoid Aminoglycoside Induced Ototoxicity in Neonatal Inventive Care	10:45-11:55	Session 6: Other PGx resources updates
8:45 - 10:15	Session 5: Diversity, equity, and inclusion in pharmacogenomics implementation Moderator: David Kao, MD University of Colorado	10:45-11:00	PharmVar Andrea Gaedigk, PhD Children's Mercy Kansas City
8:45 - 9:05	Use of race in PGx algorithms Carlos Bustamante, PhD Stanford University	11:00-11:15	PharmGKB Michelle Whirl-Carrillo, PhD Stanford University
9:05 - 9:25	Pharmacogenetic implementation in rural and tribal settings Erica Woodahl, PharmD University of Montana	11:15-11:30	PharmCAT Katrin Sangkuhl, PhD Stanford University
9:25 - 9:45	Benefits of Pharmacogenetics in Underserved Populations Julio Duarte, PharmD, PhD University of Florida	11:30-11:45	ClinGen Teri Klein, PhD Stanford University
9:45 - 10:00	Q & A/Panel Discussion	11:45-11:55	Q & A
10:00 - 10:15	Break	11:55-12:00	Wrap up Teri Klein, PhD Stanford University
10:15 - 10:45	Genotyping versus sequencing: a Get-RM study on CYP2C8, CYP2C9 and CYP2C19 Andrea Gaedigk, PhD Children's Mercy Kansas City		

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