



**2019 Meeting, June 6<sup>th</sup> – 7<sup>th</sup>, 2019 Program**

**St. Jude Children’s Research Hospital, Memphis, TN**

**Marlo Thomas Center Auditorium**

<b>Thursday, June 6th</b>	<b>Session title</b>	<b>Speakers</b>
<b>7:00AM – 8:00AM</b>	<i>Breakfast</i> Marlo Thomas Center Atrium	
<b>8:00AM – 9:00AM</b>	<b>Grand Rounds: Implementation of Genomic Medicine</b>	Marc Williams, MD, Geisinger
<b>9:15AM – 11:00AM</b>	<b>Practical considerations for choosing a genetic testing platform and clinical lab</b>	<b>Moderator: Ron van Schaik, Ph.D., Erasmus MC</b>
<i>9:15AM-9:35AM</i>	<i>CYP2C19 Genotyping</i> <i>Recommendations: A Report of the Association for Molecular Pathology</i>	Vicky Pratt, Ph.D., Indiana University
<i>9:35AM-9:55AM</i>	<i>Unexpected Results due to Pitfalls in Quality of Pharmacogenomic Testing</i>	Gwen McMillin, Ph.D., ARUP
<i>9:55AM-10:15AM</i>	<i>PharmCAT - A Pharmacogenomics Clinical Annotation Tool</i>	Michelle Whirl-Carrillo, Ph.D., Stanford
<i>10:15AM – 11:00AM</i>	<i>Panel Discussion: Genotyping platforms and Clinical Labs</i>	Vicky Pratt, Ph.D., Indiana University  Gwen McMillin, Ph.D., ARUP  Michelle Whirl-Carrillo, Ph.D., Stanford  Andria Del Tredici, Ph.D., Millennium Health  Andrea Gaedigk, Ph.D., Children’s Mercy Kansas City
<b>11:00AM – 11:10AM</b>	Coffee break	
<b>11:10AM – 12:00PM</b>	<b>Getting results to patients</b>	<b>Moderator: Sara Van Driest, M.D., Ph.D., Vanderbilt</b>
<i>11:10AM-11:30AM</i>	<i>Risks and benefits of returning results directly to patients</i>	Phil Empey, Pharm.D., Ph.D., University of Pittsburgh

11:30AM-11:50AM	<i>Electronic access to results via SmartCard</i>	Henk-Jan Guchelaar, Pharm.D., Ph.D., Leiden University
11:50AM-12:00PM	<i>Q&amp;A</i>	
<b>12:00PM – 1:00PM</b>	<i>Lunch</i> Marlo Thomas Center Board Room	Dissemination Workgroup group meets  Informatics Workgroup group meets
<b>1:00PM – 3:00PM</b>	<b>Instantiating Pharmacogenomic Electronic Clinical Decision Support: real-world challenges and opportunities associated with implementing CDS</b>	<b>Moderator: James Hoffman, Pharm.D., St. Jude Children’s Research Hospital</b>
1:00PM-1:20PM	<i>Informatics perspective</i>	Samuel Aronson, MA, Partners Healthcare
1:20PM-1:40PM	<i>Implementer’s perspective: Navigating the electronic health record at a rural community health system</i>	Gillian Bell, Pharm.D., Mission Health
1:40PM-2:00PM	<i>Implementer’s perspective: Implementing pharmacogenetics at a community health system using EPIC</i>	Mark Dunnenberger, Pharm.D., Northshore
2:00PM – 3:00PM	<i>Panel Discussion: Biggest and unanticipated challenges in developing and using pharmacogenomic CDS</i>	Samuel Aronson, Partners Healthcare  Gillian Bell, Pharm.D., Mission Health  Mark Dunnenberger, Pharm.D., Northshore  David Gregornik, Pharm.D., Children’s Minnesota  Henk-Jan Guchelaar, Pharm.D., Ph.D., Leiden University
<b>3:00PM – 3:15PM</b>	Coffee/snack break	
<b>3:15PM – 4:15PM</b>	<b>Creating a Database of CPIC Guidelines with Access via an API</b>	Teri Klein, Ph.D., Stanford
<b>4:15PM – 4:45 PM</b>	<b>Implementation and Outcomes with CYP2D6-Guided Opioid Prescribing for Pain Management</b>	Larisa Cavallari, Pharm.D., University of Florida
<b>4:45PM – 6:00PM</b>	<b>Poster session, wine &amp; cheese, networking</b> Marlo Thomas Center Atrium	

Friday, June 7 <sup>th</sup>	Session title	Speakers
7:00AM – 8:00AM	<i>Breakfast</i>	
8:00AM – 8:45AM	<b>Pharmacogenetics in psychiatry: challenges and opportunities in advancing research and patient care</b>	Jeff Bishop, Pharm.D., University of Minnesota
<b>“Hands on” program: From guideline to implementation</b>		<b>Moderator: Kelly E. Caudle, Pharm.D., Ph.D., BCPS</b>
8:45AM-9:15AM	<b>Challenges to CPIC guideline development</b>  <i>Following the CPIC guideline development process: Exceptions to the rules</i>  <i>Challenges to variant classification</i>	Kelly Caudle, Pharm.D., Ph.D., St. Jude Children’s Research Hospital  Michelle Whirl-Carrillo, Ph.D., Stanford University
9:15AM-9:25AM	<b>Open Discussion</b>	
9:25AM-9:50AM	<b>Pharmacogenetics implementation: Pillars for a successful program build</b>  <i>Positioning Pharmacogenomics for Success within a Health-system: Safety Value and Metrics, integration with formulary/P&amp;T system, (e.g. Pharmacogenetic Oversight Committee)</i>  <i>Putting the guidelines into action for patients and providers: Patient education, competencies/clinician education, writing CDS, updating results</i>	James Hoffman, Pharm.D., St. Jude Children’s Research Hospital  Cyrine Haidar, Pharm.D., St. Jude Children’s Research Hospital
9:50AM-10:05AM	<b>Open Discussion</b>	
10:05AM-10:45AM	<b>Pharmacogenomic decision support: Integration from laboratory into the EHR</b>  <i>Data receipt, QC issues, result integration in EHR, and CDS.</i>  <i>Anticipating challenges as the pixels meet the pavement</i>	Don Baker, Pharm.D., and Nancy Kornegay, M.S., St. Jude Children’s Research Hospital  Sara Van Driest, M.D., Ph.D., Vanderbilt

<b>10:45AM-11:15AM</b>	<b>Open Discussion</b>	
<b>11:15AM – 11:30AM</b>	<b>Future of CPIC</b>	Mary Relling, Pharm.D., St. Jude
<b>11:30</b>	Pick-up lunch available Marlo Thomas Center Atrium	
<b>12:00 – 1:00 PM</b>	Tours of St. Jude	By appointment, pre-register