

Genomic Medicine Institutes' Colloquium: Clinical Implementation of Genomic Discoveries (6/27 version)  
 Chicago O'Hare Marriott  
 8535 West Higgins Road, Chicago, IL 60631  
 Wednesday, June 29, 2011

10AM	Introductions and Objectives	G Ginsburg, T Manolio
10:10	Role of genomic medicine at NHGRI	E. Green
10:15- 1:15	Ongoing and Planned Implementation Projects (10' presentation + 5' discussion each, 20'/10' for topics addressed at multiple centers)	Chairs: Jim Lupski, Michael Murray
10:15	CYP2C19 and antiplatelet rx	A Shuldiner (also E Bottinger, C Marsh, D Roden, R Weinshilboum)
10:45	Risk/susceptibility testing (Lynch syndrome, BRCA1/2, etc)	C Eng, M Williams
11AM	Family history implementation (breast, ovarian, colon CA)	G Ginsburg
11:15	Complex disease risk advice (MI, T2DM)	E Bottinger (also R Chisholm, G Ginsburg, C Marsh, D Rader)
11:45	Tissue-based genotype-driven treatment	K Frazer (also D Ledbetter, D Roden, R Wilson)
12N	Other genotype driven treatment decisions	M Relling (also M Brilliant, R Chisholm, G Ginsburg, D Ledbetter, D Roden, A Shuldiner, R Weinshilboum)
12:30	Sequencing for unknown disease diagnosis	D Bick (also J Lupski, M Murray, R Wilson)
1PM	Break to get working lunch	
1:15	Overview of genomic medicine efforts related to cancer	R Wilson
1:30	Overview of implementation science	M Williams
2PM- 4PM	Necessary elements for implementation: overview and specific case example for each subtopic (15' presentation + 5' discussion each)	Chairs: Bruce Korf, Clay Marsh
2PM	Methods for generating evidence of clinical utility Study designs: registries, trials, etc Tailoring evidence bar to potential risks involved	R Weinshilboum

2:20	Policy agenda for implementation Institutional barriers (consent, funding, infrastructure) External barriers (CLIA, FDA, reimbursement) Taking implementation project from A-Z	D Roden
2:40	Useful models of research networks for clinical implementation	M Brilliant
3PM	Identifying potentially actionable variants	R Chisholm
3:20	Developing educational toolbox for healthcare providers	D Ledbetter
3:40	Outcomes measurement	M Murray
4PM	Break	
4:15- 6PM	Collective Wisdom	Chairs: Gary Gibbons, Dan Rader
4:15	Identifying a research strategy for NHGRI and NIH to accelerate clinical implementation (to produce menu of prioritized projects meeting criteria developed above)	All
5PM	Implementation strategy/roadmap	G Ginsburg, T Manolio
5:45	Summary and next steps	All
6PM	Adjourn	