



**Pharmacogenetics Research Network  
PGRN-ESP Scientific and Steering Committee Meetings**

**Student Life Center, Vanderbilt University  
Nashville, TN  
April 28-29, 2008**

**OPEN Scientific Meeting  
AGENDA**

**MONDAY, APRIL 28, 2008**

7:30 – 8:30 am Continental Breakfast

8:30 – 8:45 am **Welcome, Local Site Greetings, & Meeting Purpose**  
Presenters: Jeff Balsler, Dan Roden, and Scott Weiss

**SESSION I**

**NEW GENE DISCOVERY: GENOME-WIDE ASSOCIATION STUDIES IN  
DRUG-EXPOSED HUMAN POPULATIONS**

**Session I Chairs: INVITED Dana Crawford (PAT), Liewei Wang (PPII)**

8:45 – 9:15 am **A Whole Genome Approach Identifies an Organic Anion  
Transporter as a Major Determinant of Methotrexate  
Pharmacodynamics**  
Presenter: Mary Relling – PAAR, PMT

9:15 – 9:45 am **Statin Pharmacogenetics: From Candidate Genes to the  
Genome**  
Presenter: Ronald Krauss – PARC

9:45 – 10:15 am **Genome-wide Association Analysis of Bronchodilator  
Response in Asthma: Screening and Replication in Four  
Asthma Populations**  
Presenter: Gus Litonjua – PHAT

10:15 – 10:45 am **BREAK**



## SESSION II

### **PATHWAY APPROACHES TO UNDERSTAND VARIABLE DRUG EFFECTS**

**Session II Chairs: INVITED Eileen Dolan (PAAR), Jamie Renbarger (COBRA)**

- 10:45 – 11:15 am **Candidate Pathway Genotype Analysis of Clinical Cohorts**  
Presenter: Howard McLeod – CREATE
- 11:15 – 11:45 am **A Genomic Approach to Drug-Induced Long QT Syndrome: Lessons Learned**  
Presenter: Dan Roden – PAT
- 11:45 – 12:15 pm **Hypertension Pharmacogenetics from BP Response to Outcomes**  
Presenter: Amber Beitelshees – PEAR
- 12:15 – 12:45 pm **Pharmacogenomics in the Treatment of Breast Cancer: Pathway Approaches and Clinical Outcomes**  
Presenter: David Flockhart – COBRA
- 12:45 – 1:45 pm **LUNCH**

## SESSION III

### **FROM PHARMACOGENETICS TO FUNCTION**

**Session III Chairs: INVITED Issam Zineh (PEAR), Alison Motsinger-Reif (CREATE)**

- 1:45 – 2:15 pm **Comprehensive Analysis of Genetic Variation in the Proximal Promoter of 110 Membrane Transporters in the Solute Carrier and ATP Binding Cassette Superfamilies (SLC and ABC)**  
Presenter: Kathy Giacomini – PMT
- 2:15 – 2:45 pm **Using Ontologies in Hierarchical Modeling of Genes and Exposures in Biologic Pathways**  
Presenter: David Conti – PNAT
- 2:45 – 3:15 pm **Genome-wide, High Throughput Pharmacogenomic Model Systems: Thiopurine Pharmacogenomics**  
Presenter: Richard Weinshilboum – PPII



**PGRN**

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3:15 – 5:15 pm	<b>POSTER SESSION (see Abstract booklet for Poster board numbers)</b>
5:15 – 6:15 pm	<b>Small Group Meetings (any Working Groups and/or Affinity Groups can schedule time to get together)</b>
6:45 pm	<b>Bus to Dinner Venue</b>
7:00 – 9:30 pm	<b>Tour and Dinner: Country Music Hall of Fame (optional)</b>
9:30 pm	<b>Bus to Hotel</b>



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**TUESDAY, APRIL 29, 2008**

7:15 – 8:00 am Continental Breakfast

**SESSION IV**

**STATISTICAL AND ANALYTICAL CONSIDERATIONS FOR GENOME-WIDE ASSOCIATION STUDIES**

**Session IV Chairs: INVITED Marilyn Ritchie (PAT), Kelan Tantisira (PHAT)**

8:00 – 8:30 am **Gold Dust: Distinguishing True and False Positives in GWAS**  
Presenter: Mike Province – CREATE & the Statistical Analysis Working Group

8:30 – 9:00 am **Genome-wide Association Analysis of Aspirin Response: The Amish HAPI/PAPI Study**  
Presenter: Alan Shuldiner – PAPI

**SESSION V**

**NETWORK ACTIVITIES & OUTREACH**

**Session V Chairs: INVITED Paul Thomas (PNAT), Brian Schneider (COBRA)**

9:00 – 9:30 am **Network Overview: The Working Groups & Network-wide Activities**  
Presenter: Scott Weiss – PGRN Chair

9:30 – 10:00 am **PharmGKB: A Progress Report and Future Consortia**  
Presenter: Russ Altman – PharmGKB

10:00 – 10:30 am **BREAK**

10:30 – 11:00 am **The International Warfarin Pharmacogenetics Consortium**  
Presenter: Julie Johnson – PEAR, PAT, PharmGKB, & the Data-Sharing Working Group



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**CLOSED SESSION – STEERING COMMITTEE MEETING**

11:00 – 12:15 pm    **ESP Question and Answer Session 1**

12:15 – 1:00 pm    **LUNCH**

1:00 – 1:45 pm    **ESP Question and Answer Session 2**

1:45 – 2:45 pm    **Closed Session Working Group Updates**

2:45 – 3:00 pm    **Wrap-up**

3:00 pm            **Adjourn**