

HGVS SCIENTIFIC MEETING

Human Genome Variation & Pharmacogenetics

Room 525, Palais des Congres de Montreal
Montreal, Canada

21st May 2007

8.00	Speakers arrive and hand in presentations Registration
9.00 – 9.05	President's Welcome Richard G. H. Cotton
PHARMACOGENETICS	Chair: Bruce Gottlieb
9.05 – 9.15	INTRODUCTION KEYNOTE LECTURE
9.15 - 10.15	Teri Klein Director, PharmGKB, Genetics, Stanford University "PharmGKB: The Pharmacogenetics & Pharmacogenomics Knowledge Base"
Session I	DATABASES
10.15 – 10.45	George P. Patrinos Documentation of Population & Ethnic-Specific Frequencies of Pharmacogenetic Markers in PG-FINDbase
10.45 – 11.15	<i>Coffee Break & Poster Viewing</i>
Session 2	GENE VARIATION & DRUG RESPONSE Chair: C. Conover Talbot Jr.
11.15 – 11.35	H. Jarjanazi Haplotype Analyses of Genetic Variants in Genes Associated with the Pharmacobiology of Gemcitabine
11.35 – 11.55	Sarojini M Sengupta <i>COMT</i> Val ^{108/158} Met polymorphism modulates the effect of methylphenidate treatment on spatial working memory in children with ADHD
11.55 – 12.15	Sarah Browning Variation in genes coding for drug metabolising enzymes in sub Saharan Africa

Session 3

PATIENT'S INTERESTS

12.15 – 12.35

Amalia M. Issa

Quantifying Patient Preferences for Pharmacogenomic Tests & Therapeutics

12.35 – 13.00

GENERAL DISCUSSION

13.00 – 14.00

Lunch & Poster Viewing

14.00 – 14.15

Richard G. H. Cotton

Update on the Human Variome Project*

*there will be a session on this at HGM 3.00PM on 24th May.

GENERAL VARIATION

Chair: Alastair F. Brown

14.15 – 14.30

Amanda T. Dohey

A New Variant Database for Mismatch Repair Genes Associated with Lynch Syndrome

14.30 – 14.45

Sue Povey

The TSC2 mutation database displayed on the NCBI genome browser; a pilot study

14.45 – 15.00

Tam P Sneddon

Accounting for Variation: A Hierarchical Database Structure

15.00 – 15.15

Pinchas Akiva

Non-SNP Sequence Variations in the Human Genome

15.15 – 15.30

Roger Horton

Variation Analysis from Eight MHC Haplotypes

15.30 – 15.45

Krishna R. Veeramah

The distribution of the functional variant, *FMO2*1*, in sub-Saharan Africa

15.45 – 16.00

Catherine J.E. Ingram

Sequence Variations & Lactose Tolerance in African & Middle Eastern Populations

16.00 – 16.15

Elizabeth Tindall

DGGE detection of sequence variation, comparisons with High resolution melt curve analysis

16.15

MEETING ENDS

Poster Presentations Pharmacogenomics

1	Overexpression of methylenetetrahydrofolate reductase in mice modifies response to methotrexate Celtikci B.
2	Paraoxonase PON1 gene polymorphism association with human semen vitality and motility Dahmani Y.
3	Dissecting the drug-response in NCI60 cell lines: doxorubicin-based gene-association study Ibrahim-zada I.
4	Glucocorticoid Receptor Gene Polymorphisms & All Outcome Krajinovic M.
5	Identification of Novel Genes Associated with Differential Response in NC160 Cell Lines Treated with Selenium Savas S.
6	Analysis in DARPP-32 as a Candidate Gene to Antipsychotic Response Souza, R.P.