



Implementing Pharmacogenomics in Modern Health Care

Everest Ballroom 3
Crown Plaza Towers
Copenhagen, Denmark

26th May 2017

(a satellite of ESHG)

8.00 - 8.50 Registration

9.00 - 9.10 Introduction
William Oetting

Session 1 **Moderator: William Oetting**

9.10 - 9.55 **KEYNOTE SPEAKER**

Pharmacogenetic testing; towards common practice in daily health care

Dr Marjolein Kriek
*Clinical Geneticist, Department of Clinical Genetics, Leiden
University Medical Center, Leiden, The Netherlands*

9.55 - 10.15 **Implementation of pre-emptive pharmacogenomic testing
with clinical decision support**

Pauline Lanting
*University of Groningen, University Medical Center Groningen,
Department of Genetics, Groningen, The Netherlands*

10.15 - 10.35 Deployment of Pharmacogenetics (PGx) as an Employee Benefit Program

Ruslan Dorfman
GeneYouIn Inc., Toronto, Canada

10.35 - 11.05 Coffee Break

Session 2 Moderator: Peter Taschner

11.05 - 11.50 KEYNOTE SPEAKER

Minimum Information required for a DMET Experiment reporting

Dr Judit Kumuthini
Cape Town, South Africa

11.50 - 12.10 Pathogenicity Model and its Implications for Pharmacogenomics

Mauno Vihinen
Department of Experimental Medical Science, BMC B13, Lund University, Lund, Sweden

12.10 - 12.55 KEYNOTE SPEAKER

Genomic variation and the risk of diabetes in users of antipsychotics based on Danish population- based data (exact title TBA)

Dr Christine Gasse
National Centre for Register-based Research (NCCR) Aarhus University, School of Business and Social Sciences Aarhus V, Denmark

12.55 - 14.00 Lunch

Session 3 Moderator: Mauno Vihinen

14.00 - 14.45 KEYNOTE SPEAKER

Pharmacogenomics and epigenetics of drug transporters

Prof. Matthias Schwab
Professor and Chair of Clinical Pharmacology, University Tuebingen, Director of Dr. Margarete Fischer-Bosch-Institute of Clinical Pharmacology, Stuttgart and Department of Clinical Pharmacology, University Hospital Tuebingen, Germany

14.45 - 15.05	Identification of common genetic variants associated with variability in tacrolimus troughs using a genome wide association study William Oetting <i>University of Minnesota, Minneapolis, MN, United States</i>
15.05 - 15.20	A novel variant of the <i>IFIH1</i> gene in a Japanese female infant with cerebral calcification, thrombocytopenia, hepatosplenomegaly and severe inflammation Kumiko Yanagi <i>Dept. of Genome Medicine, National Center for Child Health and Development, Okura, Setagaya, Tokyo, Japan</i>
15.20 - 15.40	Coffee Break
Session 4	Moderator: William Oetting
15.40 - 16.25	KEYNOTE SPEAKER Clinical Implementation of Pharmacogenetics in Europe: do YOU already have your DNA passport? Prof. Ron HN van Schaik <i>Professor, Dept. Clinical Chemistry Erasmus MC Rotterdam, The Netherlands</i>
16.25 - 16.40	Pharmacogenomics in the era of clinical whole genome sequencing Eric Lee <i>Genome.One, Garvan Institute of Medical Research, Darlinghurst, Sydney, Australia</i>
16.40 - 16.55	Variants of the CCR5 and CXCR4 genes in Japanese and Okinawan population detected by NGS analyses using pooled DNA sequencing and whole exome sequencing Tadashi Kaname <i>Department of Genome Medicine, National Center for Child Health and Development, Tokyo, Japan</i>
16.55 - 17.00	Closing Remarks
17.00	MEETING END