

Pharmacogenetics & Genomics

Polymorphisms of genes important for drug ADMET

25th – 26th February, 2008 (Conference)
at the PanAfric Hotel and the AiBST-UON Lab. Nairobi, Kenya

27th – 28th February, 2008 (Workshops)
at the PanAfric Hotel and the AiBST-UON Lab. Nairobi, Kenya



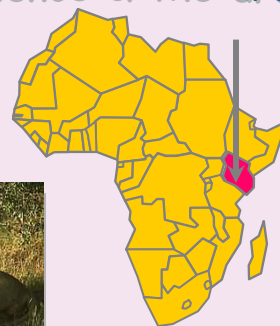
African Institute of Biomedical Science & Technology
www.aibst.com

Registration and information contact

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www.AiBST.com

Main sponsors: EDCTP

Kenya - for science & the dream Safari!



Abstract submission and Registration DEADLINE: 30th January, 2008

Conference: Hotel + all meals: 300 USD (24th evening-27th morning)
Workshops: Hotel + all meals: 300 USD (26th evening – 1st March)
For combined Conference & Workshops: 500 USD (24th Feb – 1st March)
AiBST is NOT giving any scholarships

FACULTY

Professor Leif Bertilsson (Sweden)

Dr. Collet Dandara (South Africa)

Dr. Eleni Aklillu (Sweden)

Prof. Ismael Rusli (Malaysia)

Prof. Guilhermer Kurtz (Brazil)

Prof. Anastacia Guantai (Kenya)

Dr. Collen Masimirembwa (Zimbabwe)

Prof. Juergen Burhenne (Germany)

Prof. Olavi Pelkonen (Finland)

Ms. Alice Matimba (Zimbabwe)

Conference 25th February,

Day 1:

The History of pharmacogenetics and its place in modern medicine.
Pharmacogenetics and susceptibility to disease
Pharmacogenetics of ADME genes in African populations
Pharmacogenetics of ADME genes in North & South American populations
Pharmacogenetics of ADME genes in Asian populations
4 Short presentations (15 minutes each)

Evening Out for Speakers & Tutors

Conference 26th February

Day 2:

Biobanking and Pharmacogenetics Database of African populations
Pharmacogenetics in the EDCTP study
Clinical applications of pharmacogenetics in Malaysia
Host pharmacogenetics in the PK/PD modelling of ART
Critical evaluation of the pharmacogenetics of phase 2 enzymes and drug transporter- Hype and Facts
Role of pharmacogenetics in cancer susceptibility in Africa
4 Short presentations (15 minutes each)
Panel Discussion – The Future of Pharmacogenetics (in Africa)
Conference Dinner Plus Awards to top oral and poster presenters

WORKSHOP

Wednesday 27th Workshop 1: Theory and practise in determining the phenotype

8.00 - 9.00 Pros and cons of probe drugs and cocktails used for phenotyping studies
9.15 - 10.00 Pharmacokinetics and Bioanalytical basis of probe drug selection
10.00 - 10.30 TEA BREAK
10.30 - 11.00 Fundamentals of HPLC drug and metabolite analysis
11.15 - 11.45 HPLC method validation
12.00 - 12.30 Safety and Statistical issues in phenotyping studies
13.00 - 14.00 LUNCH
14.00 - 15.00 Sample collection and preparation
15.00 - 16.00 HPLC analysis
16.00 - 17.00 Lab. Results & Discussion

Thursday 28th Workshop 2: Theory & practise in determining the genotype

8.00 - 9.00 Terminologies and technologies of genetic polymorphism studies
9.15 - 10.00 Bioinformatics and Statistical evaluations of genotype data
10.00 - 10.30 TEA BREAK
10.30 - 11.15 Fundamentals of PCR-RFLP Technology
11.30 -12.30 Fundamentals of RT-PCR
13.00 - 14.00 LUNCH
14.00 - 15.00 Sample collection and preparation
15.00 - 16.00 PCR-RFLP and RT-PCR analysis
16.00 - 17.00 Lab. Results analysis and Discussion

Workshop Certificates

**Workshop
Places
Limited
to 20**

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