

Conference Program

Conference Theme: Human Origins, Genetic Diversity and Health

Day 0 (Thursday 12th March 2009)

1800 - 1900 **REGISTRATION**
1900 - 2200 **WELCOME RECEPTION and BUFFET DINNER**
The Hilton Hotel, Yaounde

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Day 1 (Friday 13th March 2009)

0830 – 0930 REGISTRATION

Session 1 Opening Ceremony

0930 – 0935 Opening remarks by Charles Rotimi, AfSHG President
0935 – 0940 Opening remarks by Wali Muna, President of the local Organizing Committee
0940 – 0945 Opening remarks by Ambroise Wonkam, Cameroonian Society of Human Genetics
0945 – 1045 **Keynote Speakers: Luc Montagnier (Nobel Prize in Physiology and Medicine 2008, World Foundation for AIDS Treatment and Prevention, France) and Richard Roberts (Nobel Prize in Physiology and Medicine 1993, CSO, New England Biolabs)**
1045 –1050 Opening remarks by Michael Chew of the Wellcome Trust
1050 –1055 Opening remarks by representative of Minister of Public Health, Republic of Cameroon

10.55 – 11.15 BREAK

Session 2

Human Origins and Genetic Diversity

(Chairs: Giorgio Sirugo and Muntaser Ibrahim)

- 1115 - 1135 **An Analysis of Genetic Substructure of Indigenous Southern African Populations** - Raj Ramesar (University of Cape Town, South Africa)
- 1135 - 1155 **Genotype and Phenotypic Variation in Africa** - Sarah Tishkoff (University of Pennsylvania, USA)
- 1155 - 1215 **Y Chromosome DNA Variation in Khoe-San and Bantu-Speaking Populations from Southern Africa** - Himla Soodyall (University of the Witwatersrand, South Africa)
- 1215 - 1230 **¹Mitomedpop: Mitochondrial DNA Database of Human Mediterranean Populations** - Rym Kefi-Ben Atig (Pasteur Institute Tunis- Tunisia)
- 1230 - 1245 ***Genome-Wide Survey of Allele-Specific mRNA Splicing in Human** - Victoria Nembaware (University of Cape Town, SA)
- 1245 – 1430 BREAK - Lunch and poster viewing**

Session 3

Cancers

(Chairs: Renato Mariani Costantini and Branwen Hennig)

- 1430 – 1455 **Cancer in Sudan: Complexity meets Diversity** - Muntaser Ibrahim (Institute for Endemic Disease, Sudan)
- 1455 - 1520 **Role of p53 in sub-Saharan Neoplasias** - Franco Buonaguro (Istituto Nazionale Tumori, Naples, Italy)
- 1520 - 1545 ***Distinct Min and Cin Pattern, CAN1 Gene Methylation Profile in African-Americans with Colon Cancer and Adenoma** - Hassan Ashktorab (Howard University, USA)

1545-1615

BREAK

- 1615 - 1640 **Early onset breast cancer in African American women** Olufunmilayo Olopade, (University of Chicago. USA)
- 1640 - 1705 **Complex Segregation Analysis of 1919 Pedigrees from the Gilda Radner Familial Ovarian Cancer Registry Reveals Evidence for Mendelian Dominant Inheritance** Bamidele Tayo (Roswell Park Cancer Institute, USA)
- 1705 - 1730 **Gene-Environment interactions and Susceptibility to HepatoCellular Carcinoma in West Africa** - Amelie Plymouth (WHO, Lyon, France)
- 1830 - 2100 Social Event – Soiree chez Professor Muna**

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¹ Denotes selected free paper

Day 2 (Saturday 14th March 2009)

0900 – 0940 'How to fund your research' Michael Chew (The Wellcome Trust, UK)

Session 4 Non-communicable Diseases

(Chairs: Julius Oben and Scott Williams)

0940 - 1000 **The role of gene-gene interaction in plasma concentration of t-PA and PAI-1** - Scott Williams (Vanderbilt University, USA)
1000 - 1020 **Multidisciplinary investigation of the genetic risk factors of type II Diabetes (T2D) and its complications in North Africa** - Sonia Abdelhak (Institut Pasteur, Tunisia)
1020 - 1040 Charles Rotimi (National Institutes of Health, USA)
1040 - 1100 **Relationships Between Obesity, Inflammation and Insulin Resistance** - Ayo Doumatey (National Institutes of Health, USA)

1100 – 1130 **BREAK**

1130 - 1140 ***Genetic Variation and Obesity-Related Traits in a South African Black Population** - M Ramsay (University of the Witwatersrand, SA)
1140 - 1150 ***Genetics of Hypertension in Blacks: Findings and Prospects from Studies Among Nigerians** - Bamidele O. Tayo (Loyola University Chicago, USA)
1150 - 1200 ***21st Century Interrogation of Human Genome Variation on the Information Superhighway and Byways to Healthy People 2010** - Georgia Dunston (Howard University, USA)
1200 - 1210 ***Neurogenetics in Mali: Where Are We?** - G. Landoure (University of Bamako, Mali)
1210 - 1220 ***Genotype Distribution of Serotonin Transporter Gene Polymorphism (5-HTTLPR) in Migraine Among Sudanese Families** - Sara M. Ibrahim (University of Gezira, Sudan)
1220 – 1230 ***The Advancement of Toxicogenomics in Pharmaceutical Drug Discovery and Development** - Fokunang, CN (University of Yaounde, Cameroon)

1230 - 1400 **BREAK - Lunch and poster viewing**

Session 6 Infectious Diseases

(Chairs: Giulia Cappelli and Rose Leke)

1400 – 1445 **Guest speaker: Cancer and infectious disease - Sir Walter Bodmer (University of Oxford, UK)**
1445 - 1505 **Vaccines for HIV** - Omu Anzala (University of Nairobi, Kenya)
1505 - 1525 **Genetic susceptibility to tuberculosis** - Ingileif Jonsdottir (DeCode, Iceland)
1525 - 1545 **Genetics of visceral leishmaniasis** – Jennie Blackwell (Telethon Institute for Child Health Research, Australia)
1545 – 1605 **Immunogenetic Factors Determining HIV Progression in a Paediatric HIV-1** - Vittorio Colizzi (University of Rome, Tor Vergata, Italy)
1605 - 1615 ***Molecular Detection of Chemokine Ligand 3-Like 1 (CCL3L1, MIP1AP or LD78beta) Gene Copy Number Amongst Hiv-1 Positive Patients In Khartoum, Sudan** - Elias F. Onyoh (CBCHB, Cameroon)

1615 - 1625	*Classification of Protease and Reverse Transcriptase Genes of HIV Type 1 Isolates from Cameroon Using Different Rapid Subtyping Tools - Judith Torimiro (CIRCB, Yaounde')
1625 - 1700	BREAK
1700 - 1830	Annual General Meeting (open to all AfSHG members)
1900 – 1945	Keynote lecture: The advent of individual human genome sequencing - David Bentley (Illumina Inc.)
1945 - 2000	Award of Young Investigator Prizes – Branwen Hennig
2000	Gala Dinner

Day 3 (Sunday 15th March 2009)

Session 7

Medical Genetics

(Chairs: Wali Muna and Melanie Newport)

0830 - 0900	Guest speaker: Pharmacogenomics of severe adverse drug reactions – Implications for the African Continent - Michael Hayden (University of British Columbia, Canada)
0850 - 0910	Clinical Approach to Dysmorphology - Armand Bottani (Geneva University, Switzerland)
0910 - 0930	Could Molecular Cytogenetic Replace Classical Chromosomal Analysis? - Frederique Bena & Sophie Dahoun (Geneva University, Switzerland)
0930 - 0950	Practice of Medical Genetics in Sub-Saharan Africa: Experience from Cameroon - Ambroise Wonkam (University of Yaoundé, Cameroon)
0950 - 1020	Guest speaker: The nature of mutations. Stylianos Antonarakis (University of Geneva, Switzerland)
1020 – 1050	BREAK
1050 – 1130	Guest speaker: Fulfilling the Promise of a Sequenced Human Genome. Eric Green (National Institutes of Health, USA)

Session 8

Ethnicity, Appearance, Culture and Genetics

(Chair: Godfrey Tangwa and Charmaine Royal)

1130 - 1145	Involving Indigenous Populations in Research - A focus on benefit sharing - Doris Schroeder (GenBenefit, University of Lancashire, UK)
1145 - 1200	Questions of Ethical Aspects of Human Genetics Studies in Sub-Saharan Africa: The Case of Cameroon - Ambroise Wonkam (University of Yaoundé, Cameroon)
1200 - 1215	Potential Challenges in the Development of Biological Samples Repositories in Africa - Joshua Kimani (University of Nairobi, Kenya)
1215 - 1230	Culture, Identity and Genes: Implications for Large Scale Genomic Studies - Vence Bonham (National Institutes of Health, USA)
1230 - 1245	The ethics of collaborative global genomics research: some key issues to consider using MalariaGEN as a case study - Michael Parker (Ethox, Oxford)
1245 - 1330	Open discussion

1330-1345

Closing Remarks

(Presidents of the AfSHG and CSHG and representative from CIRCB)

1345 – 14.30

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