

PROGRAM AT A GLANCE

DAY 1	14th MARCH 2011		
10.00 am – 11.00 am	Opening Ceremony		
11.00 am - 12.00 nn	Opening Keynote Lecture		
12.00 nn – 12.45 pm	Featured Talk		
<i>12.45 pm – 2.30 pm</i>	<i>Lunch Break</i>	<i>Press Conference</i>	
2.30 pm – 6.00 pm	Featured Talks		
<i>6.05 pm – 7.00 pm</i>	<i>Special message from HUGO President & Welcome Cocktail Reception</i>		
DAY 2	15th MARCH 2011		
9.00 am – 12.30 pm Symposia	RNA and Epigenetic	Genomic Medicine	Genetics of Heritable Disorders
<i>12.30 pm – 1.30 pm</i>	<i>Lunch Break</i>		
1.45 pm – 4.45 pm Working Summits	Converging Technologies In Genomics: Opportunities for a Global Economy	Global and Regional Initiatives: Pan Asian Personal Genomics Initiative	Global Ethical and Legal Challenges in Genomics and Genetics
4.45 pm – 6.15pm	Featured Talks		
DAY 3	16th MARCH 2011		
9.00 am – 12.30 pm Symposia	From Genome Variation to Personalised Medicine	Inborn Errors of Metabolism and Therapy of Genetic Disorders	Cancer Genomics
<i>12.30 pm – 1.30 pm</i>	<i>Lunch Break</i>		
1.45 pm – 4.15 pm Expert Sessions	Mechanism of Genome Sequencing: Setup and Operations of a Facility	Computational Analysis of Genomic Information	The Human Variome Project and the Arab Countries
4.45 pm – 6.15pm	Featured Talks		
<i>7.00 pm – 11.00pm</i>	<i>Conference Dinner</i>		
DAY 4	17th MARCH 2011		
9.00 am – 12.30 pm Symposia	Computational Biology and Statistical Genetics for the Analysis of Human Disease	Genetics of Deafness & Neurologic Disorders	Advances in Genetics of Heritable Disorders
<i>12.30 pm – 1.30 pm</i>	<i>Lunch Break</i>		
1.45 pm – 4.00 pm	Special Forum: Genome Sequencing Landmark Technologies	RIKEN Session: Expanded Universe of Single Cell Biology	
4.15 pm – 5.45pm	Featured Talks		
5.45pm – 6.00pm	Closing Remarks		

14 MARCH 2011

FULL PROGRAM

14 March 2011	Program
10.00 am – 11.00 am	Opening Ceremony <i>Venue: Maktoum B & C</i>
11.00 am - 12.00 nn	Opening Keynote Lecture Chair: Edison T Liu Sydney Brenner Reading the Human Genome <i>Venue: Maktoum B & C</i>
<i>12.00 nn – 2.00 pm</i>	<i>Lunch Break</i> <i>Venue: Exhibition Hall</i> <i>Press Conference</i> <i>Venue: Maktoum A</i>
2.00 pm – 2.45 pm	Featured Talk Chair: Edison T Liu Veronica van Heyningen From Disease Genes to Biology via Technology <i>Venue: Maktoum B & C</i>
2.45 pm – 3.30 pm	Featured Talk Chair: Edison T Liu Stephen W Scherer Clinical Context of Copy Number and Structural Variation in the Human Genome <i>Venue: Maktoum B & C</i>
<i>3.30 pm – 4.00 pm</i>	<i>Tea Break Sponsored by Pacific Biosciences</i> <i>Venue: Exhibition Hall</i>
4.00 pm – 4.45 pm	Featured Talk Chair: Edison T Liu Ghazi O Tadmouri Genetic Disorders in Arabs from Clinical Genetics to Human Genome Variability <i>Venue: Maktoum B & C</i>
4.45 pm – 5.30 pm	Featured Talk Chair: Edison T Liu Mark McCarthy Type 2 Diabetes Genetics: A Global Perspective <i>Venue: Maktoum B & C</i>
5.30 pm – 5.45 pm	Special message from HUGO President, Edison T Liu <i>Venue: Maktoum B & C</i>
<i>5.45 pm – 7.00 pm</i>	<i>Welcome Cocktail Reception</i> <i>Venue: Exhibition Hall</i>
7.00 pm – 11.00 pm	HUGO Council Meeting (By invitation only)
<i>7.00 pm onwards</i>	<i>Free and Easy</i>

15 MARCH 2011

FULL PROGRAM

15 March 2011	Program				
9.00 am – 12.30 pm Symposia	RNA and Epigenetics Chair: John S Mattick & Sumio Sugano <i>Venue: Rashid A</i>	Genomic Medicine Chair: Geoffrey S Ginsburg <i>Venue: Maktoum A</i>	Genetics of Heritable Disorders Chair: Hanan Hamamy <i>Venue: Maktoum B & C</i>		
9.00 am – 9.35 am	John S Mattick RNA Regulation of Human Development, Cognition and Disease	Geoffrey S Ginsburg Genomic and Personalized Medicine: Foundations and Applications	Jianjun Liu (<i>Chen Award Lecture</i>) GWAS in Chinese Population: Opportunities and Challenges		
9.35 am – 10.10 am	Yoshihide Hayashizaki An Expanding RNA World	Edison T Liu Genomic Medicine in Cancer Care	Hanan Hamamy Consanguinity and Novel Technology: Cracking the Code of Autosomal Recessive Disorders		
10.10 am – 10.40 am	<i>Tea Break Sponsored by Malaysian Genomics Resource Centre Berhad (MGRC) Venue: Exhibition Hall</i>				
10.40 am - 11.15 am	Yijun Ruan 3D Chromatin Architecture and Transcription Regulation	Ingrid Winship Can Genetic Information Reduce the Burden of Disease?	A Nurten Akarsu Molecular Analysis of the Rarest of the Rare: Autosomal Recessive ALX-Related Frontonasal Dysplasias		
11.15 am – 11.50 am	Bing Ren Decoding the Mammalian Genome	Tim Sprosen New Models for Large Scale Biobanks	Samia A Temtamy Rare Autosomal Recessive Disorders in Egyptians		
11.50 am – 12.10 pm	Ashraf Dallol RASSF1A Methylation is Predictive of Poor Prognosis in Female Breast Cancer Patients in the Background of Overall Low Methylation Frequency	Elza Khusnutdinova Genome-Wide Association Study of Asthma in the Volga-Ural Region of Russia	Al-Abri Abdul Rahim The Origin of Human Lactase Persistence in the Arabian Peninsula		
12.10 pm – 12.30 pm	Sukru Tuzmen High-Throughput RNAi Based Functional Pharmacogenomics for Drug Target Identification in Cancer Genetics and Applications of Quantitative Real-Time PCR	Swati Subodh Genomic Signatures: Leading the Way for Personalized Patient Management	Sergio Pena Estimating the Extent of Genomic Identity by Descent in Consanguineous Couples		
12.30 pm – 1.30 pm	Lunch Break & Exhibition <i>Venue: Exhibition Hall</i>	Poster Session 1 <i>Venue: Exhibition Hall</i>	Affymetrix Lunch Seminar <i>Venue: Maktoum A</i>	HUGO Publication Committee Meeting (By invitation only)	HUGO Council Meeting - Part II (By invitation only) <i>Venue: Dubai E-F, Level 1, Dubai World Trade Center</i>
1.30 pm – 1.45 pm	<i>Change of Room</i>				

15 March 2011	Program		
1.45 pm – 4.45 pm Working Summits	Converging Technologies In Genomics: Opportunities for a Global Economy (Organised jointly by HUGO and OECD) Chair: Gerardo Jimenez-Sanchez <i>Venue: Maktoum A</i>	Global and Regional Initiatives: Pan Asian Personal Genomics Initiative Chair: Jong Bhak & Timothy Ravasi <i>Venue: Maktoum B & C</i>	Global Ethical and Legal Challenges in Genomics and Genetics Chair: Ruth Chadwick & Aida I Al Aqeel <i>Venue: Rashid A</i>
1.45 pm – 2.15 pm	Gerardo Jimenez-Sanchez Opportunities for Genomics in the Knowledge Economy	Charles N Rotimi Global and Regional Initiatives: The Human Heredity and Health in Africa (H3Africa) Genomic Initiative (1.45 pm – 2.15 pm)	Ruth Chadwick Imagined Futures: Capturing the Benefits of Genome Sequencing for Society
2.15 pm – 2.45 pm	Edison T Liu Genomics Engineering and Integrated Cancer Research	Maude E Phipps Copy Number Variation in Indigenous Malaysians : A Preliminary Analysis (2.15 pm – 2.30 pm)	Ellen Wright Clayton Dealing with the Tsunami of Genomic Data in the Clinic (2.15 pm – 3.00 pm)
2.45 pm – 3.15 pm	Iain M M Gillespie Genomics, Realising the Bioeconomy	Henry Huanming Yang Genomics: The Door to Personalised Medicine (2.30 pm – 2.45 pm)	Aida I Al Aqeel Personalised Translational Medicine in the Developing World, and Knowledge-Based Economy (3.00 pm – 3.30 pm)
3.15 pm – 3.45 pm	Pierre Meulien Genomics and Environmental Sustainability	Jong Bhak PASNP2 Proposal: Pan Asian Personal Genome Project (PAPGP) (2.45 pm – 3.00 pm)	Mohsen A F El-Hazmi The Ethical Aspects of Biomedical Research - The Saudi Law of Research on Living Beings (3.30 pm – 3.50 pm)
3.45 pm – 4.15 pm	Samir Brahmachari Integration of Genomics & the Bioeconomy in the Developing World	Discussions (3.00 pm – 3.45 pm)	<i>Teabreak</i> <i>(3.50 pm – 4.05 pm)</i> <i>Venue: Exhibition Hall</i>
4.15 pm – 4.45 pm	Neil Jones Managing Business Complexity and Change in the Genomic Age	Global and Regional Initiatives: Centre for Arab Genomic Studies Chair: Mahmoud Taleb Al Ali & Ghazi O Tadmouri (3.45 pm – 4.45 pm)	Discussions (4.05 pm – 4.45 pm)

15 MARCH 2011**FULL PROGRAM**

15 March 2011	Program		
		Fowzan Alkuraya Autozygome Decoded (3.45 pm – 4.05 pm)	
		Suzanne Al-Bustan Long runs of Homozygosity in the Kuwaiti Population (4.05 pm – 4.25 pm)	
		Annika FM Haywood Initial Assessment of Human Genetic Diversity in the Saudi Arabian Population (4.25 pm - 4.45 pm)	
4.45 pm – 5.30 pm	Featured Talk Christopher A Walsh Rare Causes of Rare Diseases, and Common Diseases, Affecting Human Cognition <i>Venue: Maktoum B & C</i>		Chair: Stylianos E Antonarakis
5.30 pm – 6.15 pm	Featured Talk Evan E Eichler Genome Structural Variation, Exome Sequencing and Neurocognitive Disease <i>Venue: Maktoum B & C</i>		Chair: Stylianos E Antonarakis
6.15 pm onwards	Free and Easy	HUGO Ethics Committee (By invitation only)	

16 March 2011	Program		
9.00 am – 12.30 pm Symposia	From Genome Variation to Personalised Medicine Chair: Todd Taylor & Howard L McLeod <i>Venue: Rashid A</i>	Inborn Errors of Metabolism and Therapy of Genetic Disorders Chair: Habiba Chaabouni-Bouhamed & Dhavendra Kumar <i>Venue: Maktoum B & C</i>	Cancer Genomics Chair: Yijun Ruan & Fahd Al-Mulla <i>Venue: Maktoum A</i>
9.00 am – 9.35 am	Martin L Hibberd Human - Pathogen Interactions and Their Outcomes, A Tale of Two or More Genomes and Their Variations	Y T Chen Translating the Promise of Genomic Medicine into Clinical Reality: Challenges of Pompe Disease	Mary-Claire King Genetic Heterogeneity in Human Disease
9.35 am – 10.10 am	Howard L McLeod Learning How to Apply the Genome to Guide Therapy	Gert-Jan B van Ommen Translational Genomics, Integrating Rare and Common Disease	Axel Hillmer Long Span Paired-End-Tag Mapping Reveals Characteristic Patterns of Structural Variations in Cancer Genomes
10.10 am – 10.40 am	<i>Teabreak</i> <i>Venue: Exhibition Hall</i>		Lotfi Chouchane Breast Cancer in Arab Populations: From Cancer-Oriented Genomic and Proteomic Approaches Towards Preventive and Predictive Medicine (10.10 am – 10.45 am)
10.40 am – 11.15 am	Y T Chen Pharmacogenomics of Adverse Drug Reactions: Toward Personalised Medicine	Arthur L Beaudet Mutations and Possible Epimutations Causing Schizophrenia and Autism	Douglas Easton Recent Developments in the Genetics of Breast and Other Cancers (10.45 am – 11.20 am)
11.15 am – 11.50 am	Pierre Renault The Human Intestinal Microbiota, Our "Second Genome" As A Future Target For Personalised Medicine	Chaker Adra Genomic, Proteomic and Stem Cell Strategies for Diagnosing and Treating Kidney, Cancer, Cardiovascular, Neurological and Autoimmune Diseases in the Gulf Region and Worldwide	Fahd Al-Mulla Colorectal Cancer Genomics: Finding A Convergence Nexus In A Fractal World (11.20 am – 11.55 am)
11.50 am - 12.10 pm	Vajira H.W. Dissanayake The Sri Lankan Personal Genome Project (SLPGP)	Said Shawar The Arabic Allele: A Novel 10BP Deletion in the Low Density Lipoprotein Receptor (LDLR) Creates a Premature Stop Codon and Severely Decreases the Expression Levels in Two Unrelated Arab Families with Familial Hypercholesterolemia	Alessandro Stella Analysis of Telomere Dynamics in Peripheral Blood Cells from Lynch Syndrome Patients (11.55 am – 12.15 pm)
12.10 pm – 12.30 pm	Sridhar Sivasubbu Comprehensive Computational Pipeline for Systematic Analysis and Annotation of Functional Variants in Personal Genomes	Giriraj Chandak Maternal 1-Carbon Metabolism in Pregnancy and Offspring Birth Weight: Epidemiological Associations and Mendelian Randomization in Two Indian Birth Cohorts	Prakash Hande Mechanism Based Combination Telomerase Inhibition: Implications for Cancer Therapy (12.15 pm – 12.35 pm)

16 MARCH 2011

FULL PROGRAM

16 March 2011	Program				
12.30 pm – 1.30 pm	Lunch Break & Exhibition <i>Venue: Exhibition Hall</i>	Poster Session 2 <i>Venue: Exhibition Hall</i>	Agilent Technologies <i>Lunch Seminar</i> <i>Venue: Maktoum A</i>	Illumina <i>Lunch Seminar</i> <i>Venue: Rashid A</i>	President's Luncheon <i>(By Invitation only)</i>
1.30 pm – 1.45 pm	<i>Change of Room</i>				
1.45 pm – 4.15 pm Expert Sessions	Mechanism of Genome Sequencing: Setup and Operations of a Facility <i>Sponsored by Genome Institute of Singapore</i> Chair: Yijun Ruan & Xiaoan Ruan <i>Venue: Maktoum A</i>	Computational Analysis of Genomic Information <i>Sponsored by Genome Institute of Singapore & Genome Quebec</i> Chair: Anthony J Brookes <i>Venue: Rashid A</i>	The Human Variome Project and the Arab Countries Chair: Richard G H Cotton <i>Venue: Maktoum B & C</i>		
1.45 pm – 2.15 pm	Yijun Ruan	Guillaume Bourque Changing Landscape of Computational Biology	Richard G H Cotton The Human Variome Project: Supporting the Sharing of Genetic Variation Data		
2.15 pm – 2.45 pm	Herve Thoreau	Niranjan Nagarajan Reconstructing Personal and Disease Genomes	Fahd Al-Mulla		
2.45 pm – 3.15 pm	Xiaoan Ruan	Pauline C Ng Characterising Individual Genomes	Lihadh Al-Gazali		
3.15 pm – 3.45 pm	Atif Shahab	Anthony J Brookes Towards 'Ideal Healthcare': Optimised and Personalised Future Medicine	Ghazi O Tadmouri		
3.45pm – 4.15 pm	Axel Hillmer	Discussions	Discussions		
4.15 pm – 4.45 pm	<i>Teabreak</i> <i>Venue: Exhibition Hall</i>				
4.45 pm – 5.30 pm	Featured Talk Charles Lee Capturing Copy Number Variants (CNVs) from Whole-Genome Next Generation DNA Sequencing: Perspectives from the 1000 Genomes Project <i>Venue: Maktoum B & C</i>				Chair: Todd Taylor
5.30 pm – 6.15 pm	Featured Talk: <i>(Chen Award Lecture)</i> Henry Huanming Yang <i>Venue: Maktoum B & C</i>				Chair: Todd Taylor
6.30 pm	<i>Transfer to Conference Dinner from DICEC (Bab Al Shams)</i>				
7.30 pm – 11.00 pm	<i>Conference Dinner (Bab Al Shams)</i> <i>(Advance Purchased Tickets required)</i>				

17 March 2011	Program		
9.00 am – 12.30 pm Symposia	Computational Biology and Statistical Genetics for the Analysis of Human Disease Chair: Anthony J Brookes & Elspeth Bruford <i>Venue: Rashid A</i>	Genetics of Deafness & Neurologic Disorders Chair: Moien Kanaan <i>Venue: Maktoum A</i>	Advances in Genetics of Heritable Disorders Chair: Lihadh Al-Gazali & Timothy Ravasi <i>Venue: Maktoum B & C</i>
9.00 am – 9.35 am	Goncalo Abecasis Sequencing Thousands of Human Genomes	Moien Kanaan Next Generation Sequencing Approaches to Identify Novel Genes Critical For Hearing (9.00 am – 9.45 am)	Lihadh Al-Gazali Molecular Characterization of Birth Defects: United Arab Emirates Experience
9.35 am – 10.10 am	Guillaume Bourque The Role of Genomic Repeats in Gene Regulation, Diversity and Disease	Faycal Hentati Phenotypic and Genetic Aspects of Parkinson Disease in Tunisia (9.45 am – 10.30 am)	Andre Megarbane Linkage Analysis and Cloning of the Gene Responsible of the Leukodystrophy and Oligodontia Syndrome
10.10 am – 10.40 am	<i>Teabreak</i> <i>Venue: Exhibition Hall</i>	<i>Teabreak</i> <i>Venue: Exhibition Hall</i> (10.30 am – 11.00 am)	<i>Teabreak</i> <i>Venue: Exhibition Hal</i>
10.40 am – 11.15 am	Felix Li Jin	Nadezhda Maksimova Neuroblastoma Amplified Sequence Gene is Associated with a Novel Short Stature Syndrome Characterised by Optic Nerve Atrophy and PelgereHuet Anomaly (11.00 am – 11.20 am)	Nasir Al-Allawi Molecular Characterization of Inherited Hematological Disorders in Iraqis: Trying to Bridge the Gap
11.15 am – 11.50 am	Hiroaki Kitano Systems Biology and Drug Discovery	Fowzan Alkuraya In Search of Oligogenicity in Bardet-Biedl Syndrome (11.20 am – 11.40 am)	Bassam R Ali ER-Associated Protein Degradation (ERAD) is a Common Cellular Mechanism for Many Genetic Disorders
11.50 am – 12.10 pm	Stephen Sherry NCBI Resources for Medical Genomics Integrate Mutations, Rare Variants and Common Polymorphisms for Research and Clinical Practice	Lin He Understanding Schizophrenia by GWAS and Next Generation Sequencing (11.40 am – 12.00 pm)	Anna Rajab Understanding Genetics of Congenital Generalised Lipodystrophy in the Sultanate of Oman
12.10 pm – 12.30 pm	Joseph Terwilliger GWAS in Large Families from Inbred Populations is Vastly more Powerful Than Case-Control Analysis Under Arbitrary Etiological Models	Osama Alsmadi Familial Disorders in Middle Eastern Families: Finding the Causing Genes is Just the Beginning of the End (12.00 pm – 12.20 pm)	Khalid Fakhro Rare Copy Number Variants in Patients with Congenital Heart Disease Identify Novel Genes in Vertebrate Left-Right Patterning
12.30 pm – 1.30 pm	Lunch Break & Exhibition <i>Venue: Exhibition Hall</i>	Poster Session 3 <i>Venue: Exhibition Hall</i>	Bio-Rad <i>Lunch Seminar</i> <i>Venue: Maktoum A</i>
1.30 pm – 1.45 pm	<i>Change of room</i>		

17 March 2011	Program	
1.45 pm – 4.00 pm	Special Forum: Genome Sequencing Landmark Technologies Chair: Yijun Ruan & Herve Thoreau <i>Venue: Maktoum A</i>	RIKEN Session: Expanded Universe of Single Cell Biology Chair: Mitsuoki Mick Kawano <i>Venue: Rashid A</i>
1.45 pm – 2.15 pm	Mostafa Ronaghi Current and Future Outlook of Genomic Technologies	Kai Q Lao Development and Applications of Single Cell RNA-Seq Analysis (1.45 pm – 2.20 pm)
2.15 pm – 2.30 pm	Han Cao Rapid Long Range Genomic Analysis at Single Molecule Level Using Disposable Nanochannel Arrays	Piero Carninci Lessons From Miniaturization of CAGE Technology to Study Individual Neuron Types (2.20 pm – 2.55 pm)
2.30 pm – 3.00 pm	Radoje Drmanac Large-Scale Human Genome Sequencing for Genomic Medicine	Milos Pekny Molecular Signature of Astrocytes by Single Cell Gene Expression Profiling (2.55 pm – 3.30 pm)
3.00 pm – 3.15 pm	Mike Lelivelt Semiconductor Sequencing for Life	Jay Shin A Single Cell Approach to Direct Cell Conversion (3.30 pm – 3.50 pm)
3.15 pm – 3.45 pm	Michael Rhodes Next Generation Sequencing Technology for Targeted Resequencing	
3.45 pm – 4.00 pm	Discussions	
4.00 pm – 4.15 pm	Teabreak <i>Venue: Exhibition Hall</i>	
4.15 pm – 5.00 pm	Featured Talk Nicholas Katsanis Merging Medical Resequencing with Functional Data to Understand Disease Architecture <i>Venue: Maktoum B & C</i>	Chair: Felix Li Jin
5.00 pm – 5.45 pm	Closing Keynote Lecture George Church Technologies for Collecting and Integrating Genome, Environment and Trait Data <i>Venue: Maktoum B & C</i>	Chair: Felix Li Jin
5.45 pm – 6.00 pm	Closing Ceremony <ul style="list-style-type: none"> - Poster Awards Presentation - Nomenclature Awards Presentation - HGM 2012 (Sydney, Australia) 	
6.00 pm	<i>End of HGM 2011 and see you at HGM 2012</i>	