

Registration

Time: 08:00-18:00, April 24, 2012 (Tuesday); Place: Lobby, 3rd Floor, QICEC

Opening Ceremony and Nobel Laureates Forum

Opening Ceremony

Time: 09:00-09:30, April 25, 2012 (Wednesday); Place: Qujiang Auditorium, 3F, QICEC

Nobel Laureates Forum (Part I)

Time: 09:30-11:40, April 25, 2012 (Wednesday); Place: Qujiang Auditorium, 3rd Floor, QICEC

Moderator	Dr. Richard J. Roberts , Chief Scientific Officer, New England Biolabs, USA
09:30-09:35	Chair's Introduction
09:35-10:00	Title: <i>Visions of Stem Cells</i> Dr. Martin J. Evans , Director, Cardiff University, UK, Nobel Prize Laureate in Physiology/Medicine 2007
10:00-10:25	Title: <i>Structural Insights into DNA Replication by the Replisome and Transcription by T7 RNA Polymerase</i> Dr. Thomas Steitz , Professor, Yale University, USA, Nobel Prize Laureate in Chemistry 2009
10:25-10:50	Title: <i>COMBREX - Genomes, Computers and Experimentation in Biology</i> Dr. Richard J. Roberts , Chief Scientific Officer, New England Biolabs, USA, Nobel Prize Laureate in Physiology/Medicine 1993
10:50-11:15	Title: <i>Discovering Helicobacter</i> Dr. J. Robin Warren , Pathologist, Royal Perth Hospital, Australia, Nobel Prize Laureate in Physiology/Medicine 2005
11:15-11:40	Title: <i>The Personalized Medicine Revolution: Are We Going to Cure All Diseases and at What Price?</i> Dr. Aaron Ciechanover , Distinguished Research Professor, Technion-Israel Institute of Technology, Israel, The Nobel Prize Laureate in Chemistry 2004

Nobel Laureates Forum (Part II)

Time: 13:30-14:55, April 25, 2012 (Wednesday); Place: RN306, 3rd Floor, QICEC

Moderator	Dr. Richard J. Roberts , Chief Scientific Officer, New England Biolabs, USA
13:30-13:35	Chair's Introduction
13:35-14:00	Title: <i>Quasi-Periodic Materials – Crystal Redefined</i> Dr. Daniel Shechtman , Professor, Technion-Israel Institute of Technology, Israel, Nobel Prize Laureate in Chemistry 2011
14:00-14:25	Title: <i>Membrane Proteins: Importance, Structures, Mechanisms</i> Dr. Hartmut Michel , Professor, Max Planck Institute of Biophysics, Germany, Nobel Prize Laureate in Chemistry 1988
14:25-14:55	Title: <i>Structural Biology: Challenges and Prospects</i> Dr. Johann Deisenhofer , Professor, University of Texas Southwestern Medical Center, USA, Nobel Prize Laureate in Chemistry 1988

Track 1: Breaking Genomics Research and Technology

Section 1-1: Breaking Genomics Research and Technology(Part I)

Time: 08:30-10:15, April 26, 2012 (Thursday); Place: RN 306A, 3rd Floor, QICEC

Chair	Dr. Serafim Batzoglou , Associate Professor, Stanford University, USA
Co-Chair	Dr. Wansheng Liu , Associate Professor, The Pennsylvania State University, USA
08:30-08:35	Chair's Introduction
08:35-08:55	Title: <i>Algorithms for Population Genomics</i> Dr. Serafim Batzoglou , Associate Professor, Stanford University, USA
08:55-09:15	Title: <i>Interval-Based Distance Function for Identifying RNA Structure Candidates</i> Dr. Yi-Ping Phoebe Chen , Professor, La Trobe University, Australia
09:15-09:35	Title: <i>Towards a Flagella Interactome: Comparative Genomics of Trypanosome Trafficking Proteins</i> Dr. Alan Christoffels , Director, South African National Bioinformatics Institute, University of the Western Cape, South Africa
09:35-09:55	Title: <i>Y-Chromosome Genomics: A Comparison between the Human, Mouse and Bovine Y-Chromosome</i> Dr. Wansheng Liu , Associate Professor, The Pennsylvania State University, USA
09:55-10:15	Title: <i>We Help You Discover Life: From Bench to Cloud</i> Dr. Lance Han , Chairman, Cyagen Bioinformatics (Suzhou) Inc., China
10:15-10:30	Coffee Break

Section 1-2: Genome Sequencing and Disease Gene Identification

Time: 10:30- 12:15, April 26, 2012 (Thursday); Place: RN 306A, 3rd Floor, QICEC

Chair	Dr. Ian Campbell , Professor, Peter MacCallum Cancer Centre, Australia
Co-Chair	Dr. Margret R. Hoehe , Genome Research Group Leader, Max-Planck-Institute for Molecular Genetics, Germany
10:30-10:35	Chair's Introduction
10:35-10:55	Title: <i>Haplotype-Resolving Human Genomes: Towards Diploid Genomics</i> Dr. Margret R. Hoehe , Genome Research Group Leader, Max-Planck-Institute for Molecular Genetics, Germany
10:55-11:15	Title: <i>From Exome, to Transcriptome, to Methylome – Latest Sequence Capturing Technology Innovation from Agilent Technologies</i> Dr. Zhe Yang , Genomics Application Scientist, Agilent Technologies, China
11:15-11:35	Title: <i>Identification of Familial Cancer Susceptibility Genes Using Whole Exome Sequencing</i> Dr. Ian Campbell , Professor, Peter MacCallum Cancer Centre, Australia
11:35-11:55	Title: <i>A Large-Scale Public Reference Set of Complete Human Genome Sequences for Biological Interpretation of Human Genomes</i> Dr. Shan Yang , Senior Applications Scientist, Complete Genomics, USA
11:55-12:15	Title: <i>The Quantitative Aspects of Reference Sequence in Clinical Genetics</i> Dr. Lili Li , Graduate Research Fellow, McGill University, Canada

Section 1-3: Breaking Genomics Research and Technology(Part II)

Time: 13:30-15:55, April 26, 2012 (Thursday); Place: RN 306A, 3rd Floor, QICEC

Chair	Dr. Dietmar Blohm , Professor, University of Bremen, Germany
13:30-13:35	Chair's Introduction
13:35-13:55	Title: <i>Whole Genome Expression Profiling and Novel Transcript Identification in Cancer Using RNA Isolated from Formalin-Fixed Paraffin-Embedded Tissues</i> Dr. Jin Jen , Director, Mayo Clinic, USA
13:55-14:15	Title: <i>Making Personalized Medicine an Everyday Reality with Biocartis Easy to Use Fully Integrated Diagnostic Platform</i> Dr. Henk R Stapert , Disease Area Director, Biocartis B.V., The Netherlands
14:15-14:35	Title: <i>Orthoinspector, An Intuitive Way to Investigate Orthology and Paralogy Relationships</i> Dr. Odile Lecomppte , Assistant Professor, University of Strasbourg, France

14:35-14:55	Title: <i>The Novel Mechanism of Magnetic Separation Technology in Auto-High-through Nucleic Acid Extraction</i> Dr. Yueping Hua , Product Manager of LGC Genomics, China
14:55-15:15	Title: <i>Improving DNA Microarray Captures-Progress and Challenges</i> Dr. Dietmar Blohm , Professor, University of Bremen, Germany
15:15-15:35	Title: <i>An Integrative Method for Identifying the Over-Annotated Protein-Coding Genes in Microbial Genomes</i> Dr. Jia-Feng Yu , Lecturer, Shandong Province Key Laboratory of Biophysics for Functional Macromolecules, Dezhou University, China
15:35-15:55	Title: <i>Identification Avian Influenza Resistant Using 3 Primers Mx Gene at Merawang Chicken from South Sumatera Island, Indonesia</i> Dr. Tike Sartika , Researcher, Indonesian Research Institute for Animal Production, Indonesia

Section 1-4: Human Genome and Molecular Diagnosis

Time: 15:55- 17:40, April 26, 2012 (Thursday); Place: RN 306A, 3rd Floor, QICEC

Chair	Dr. Dwight Stambolian , Associate Professor, University of Pennsylvania, USA
15:55-16:00	Chair's Introduction
16:00-16:25	Title: <i>Recurrence Risk Due to Germline Mosaicism: Duchenne Muscular Dystrophy</i> Dr. Egbert Bakker , Professor, Leiden University Medical Center, The Netherlands
16:25-16:50	Title: <i>A Combined Gap PCR and MLPA Assay for Detection of Large Deletions Leading to Alpha-Thalassemia</i> Dr. David Brian Dawson , Associate Professor, Mayo Clinic College of Medicine, USA
16:50-17:15	Title: <i>Large-Scale RNAi Screens Add both Clarity and Complexity to Drosophila NF-kB Signaling</i> Dr. Mika Ramet , Professor, University of Tampere, Finland
17:15-17:40	Title: <i>Update on the Genetics of Glaucoma and Age-Related Macular Degeneration</i> Dr. Dwight Stambolian , Associate Professor, University of Pennsylvania, USA

Track 2: System Biology

Section 2-1: System Biology

Time: 08:30-12:10, April 26, 2012 (Thursday); Place: RN 306B, 3F, QICEC

Chair	Dr. Bin Zhang , Associate Professor, Mount Sinai School of Medicine, USA
Co-Chair	Dr. Volodymyr Dvornyk , Associate Professor, The University of Hong Kong, China

08:30-08:35	Chair's Introduction
08:35-09:00	Title: <i>High Through Put Screen for Characterization of Proteoglycan Structures on Different Tumor and Primary Cell Lines</i> Dr. Larissa Kaufmann , Biologist, Karlsruher Institute of Technology, Germany
09:00-09:25	Title: <i>Probing Cell Division with Small Chemical Molecules</i> Dr. Benjamin Kwok , Assistant Professor, Institute for Research in Immunology and Cancer, University of Montreal, Canada
09:25-09:50	Title: <i>Construction of a Computable Cell Proliferation Network Focused on Non-Diseased Lung Cells</i> Dr. Stephan Gebel , Manager Biological Network Science, PHILIP MORRIS Research Laboratories GmbH, Germany
09:50-10:15	Title: <i>Multiscale Gene Networks of Complex Human Diseases</i> Dr. Bin Zhang , Associate Professor, Mount Sinai School of Medicine, USA
10:15-10:30	Coffee Break
10:30-10:55	Title: <i>Tissue-Specific Regulation of the Number of Cell Division Rounds by Inductive Cell Interaction and Transcription Factors during Ascidian Embryogenesis</i> Dr. Hiroki Nishida , Professor, Osaka University, Japan
10:55-11:20	Title: <i>GoldMag® Gold Magnetic Particles and Related Products in the Field of Biomedical Research, Clinical Diagnosis and Treatment</i> Dr. Yali Cui , Vice Director & Professor, National Engineering Research Center for Miniaturized Detection System, College of Life Science, Northwest University, China
11:20-11:45	Title: <i>Traceable Lambda Genomic DNA Quantification Method Using Ultrasonic Treatment Followed by Liquid Chromatography–Isotope Dilution Mass Spectrometry</i> Dr. Lianhua Dong , Research Scientist, National Institute of Metrology, China
11:45-12:10	Title: <i>GSVD-based Algorithms for Cluster Similarity Analysis of Multiple Gene Networks</i> Dr. Xiaolin Xiao , MRC Career Development Fellow, MRC Clinical Sciences Centre of Imperial College London, UK

Section 2-2: Computational Methods and Algorithms in System Biology

Time: 13:30-15:15, April 26, 2012 (Thursday); Place: RN 306B, 3F, QICEC

Chair	Dr. Mark D. LeBlanc , Professor, Wheaton College (Norton, MA), USA
13:30-13:35	Chair's Introduction
13:35-13:55	Title: <i>Classifying Stages of Retention and Loss of DNA Acquired by Horizontal Transfer between Bacteria and Archaea</i>

	Dr. Mark D. LeBlanc , Professor, Wheaton College (Norton, MA), USA
13:55-14:15	Title: <i>AGMIAL: An Annotation Platform for Microbial Genomes</i> Dr. Jean-Francois Gibrat , Research Director, National Institute for Agriculture Research (INRA), France
14:15-14:35	Title: <i>The New Bioinformatics Analysis Framework with Web Services at EMBL-EBI</i> Dr. Weizhong Li , Scientist, European Molecular Biology Laboratory, UK
14:35-14:55	Title: <i>A Tool-Chain Approach to Predictive Design of Biological Circuits</i> Dr. Jacob Beal , Scientist, Raytheon BBN Technologies, USA
14:55-15:15	Title: <i>Stochastic Dynamics in Biochemical Systems: From Single-Molecule Kinetics to Chemical Master Equation and Beyond</i> Dr. Hao Ge , Associate Professor, Beijing International Center for Mathematical Research, Peking University, China

Section 2-3: System Synthetic Biology

Time: 15:30- 17:40 April 26, 2012 (Thursday); Place: RN 306B, 3rd Floor, QICEC

Chair	Dr. Ioana R. Moldovan , Co-Director, GLP Laboratory, Cellular Technology Limited, USA
Co-Chair	Dr. Zhongwei Li , Associate Professor, Florida Atlantic University, USA
15:30-15:35	Chair's Introduction
15:35-16:00	Title: <i>Diversified Mechanisms for RNA Processing in Bacteria</i> Dr. Zhongwei Li , Associate Professor, Florida Atlantic University, USA
16:00-16:25	Title: <i>A Cost-Effective Genome Synthesis Approach</i> Dr. Ping Yang , Vice President for Gene Synthesis & Molecular Biology Business, General Manager of GENEWIZ China, GENEWIZ Inc., USA
16:25-16:50	Title: <i>Advanced RNA Synthesis as a Key Tool in RNA Biology Research</i> Dr. Andrei Laikhter , Chief Scientific Officer, Chemgenes Corporation, USA
16:50-17:15	Title: <i>Synthetic Gene Circuit for Cellular Decision Making</i> Dr. Zhen Xie , Professor, Tsinghua University, China
17:15-17:40	Title: <i>The Development of a New Windowless EDS Detector</i> Dr. Kazutoshi Kaji , Senior Engineer, Hitachi High Technologies Corporation, Japan

Track 3: RNA Biology

Section 3-1: RNA Biology and Applications

Time: 08:30-10:15, April 27, 2012 (Friday); Place: RN 306A, 3rd Floor, QICEC

Chair	Dr. Norman H. L. Chiu , Associate Professor, University of North Carolina at Greensboro, USA
Co-Chair	Dr. Yun Zheng , Associate Professor, Fudan University, China
08:30-08:35	Chair's Introduction
08:35-09:00	Title: <i>Novel Mass Spectroscopic Methods for MicroRNA Analysis</i> Dr. Norman H. L. Chiu , Associate Professor, University of North Carolina at Greensboro, USA
09:00-09:25	Title: <i>Much Larger MicroRNA Mediated Cleavagesomes Revealed by Degradome Analysis in Plants</i> Dr. Yun Zheng , Associate Professor, Fudan University, China
09:25-09:50	Title: <i>Nucleic Acid Metrology</i> Dr. Yunhua Gao , Associate Professor, National Institute of Metrology, China
09:50-10:15	Title: <i>Identification of Activated Cryptic 5' Splice Sites Using SPO Algorithm</i> Dr. Kun-Nan Tsai , Post-doctoral Research Fellow, Academia Sinica, Taiwan
10:15-10:30	Coffee Break

Section 3-2: Biology of on Coding RNAs and Non-Coding RNAs

Time: 10:30-12:15, April 27, 2012 (Friday); Place: RN 306A, 3rd Floor, QICEC

Chair	Dr. Kaiping Yang , Professor, The University of Western Ontario, Canada
10:30-10:35	Chair's Introduction
10:35-11:00	Title: <i>Repression of tRNA Synthesis by Maf1 Protein</i> Dr. Magdalena Boguta , Professor, Warsaw University of Technology, Poland
11:00-11:25	Title: <i>Betanodavirus Replication is Required for Host Cell Death in Fish Cells</i> Dr. Jiann-Ruey Hong , Associate Professor, National Cheng Kung University, Taiwan
11:25-11:50	Title: <i>Biogenesis Mechanism and Function of Stress-Inducible Non-Protein-Coding Antisense RNAs in Arabidopsis</i> Dr. Motoaki Seki , Team Leader, RIKEN Plant Science Center, Japan
11:50-12:15	Title: <i>Genome-Wide Gene Expression Profiling Reveals Novel Signaling Pathways Underlying Fetal Origins of Visceral Obesity</i> Dr. Kaiping Yang , Professor, The University of Western Ontario, Canada

Track 4: Genome-based Drug Discovery and Gene Therapy

Track 4: Genome-based Drug Discovery and Gene Therapy

Time: 08:30-11:45, April 27, 2012 (Friday); Place: RN 306B, 3F, QICEC

Chair	Dr. Robert Kirken , Professor and Chair, The University of Texas at El Paso, USA
Co-Chair	Dr. Tao Xie , Principle Scientist, Oncology Research Unit, Pfizer Inc., USA
08:30-08:35	Chair's Introduction
08:35-09:00	Title: <i>Immunogenicity and Efficacy of a Tetravalent Chimeric Dengue Vaccine (DENVax) in Nonhuman Primates</i> Dr. Ioana R. Moldovan , Co-Director, GLP Laboratory, Cellular Technology Limited, USA
09:00-09:25	Title: <i>Targeting Janus Kinase 3 in the Treatment of Leukemia and Lymphoma</i> Dr. Robert Kirken , Professor and Chair, The University of Texas at El Paso, USA
09:25-09:50	Title: <i>Antibiotic Discovery Targeting Microbial Cell-Cell Interactions</i> Dr. Kangmin Duan , Assistant Professor, Department of Oral Biology, Department of Medical Microbiology and Infectious Diseases, University of Manitoba, Canada
09:50-10:15	Title: <i>Chemical Genetic Approach to Study Gene Functions in the Brain</i> Dr. Yinghe Hu , Professor, East China Normal University, China
10:15-10:30	Coffee Break
10:30-10:55	Title: <i>Application of Reporter Gene-based Cellular Biosensors for Detection of Unexpected Bioactivities</i> Dr. Lukasz Pulaski , Group Leader, Laboratory of Transcriptional Regulation, Institute of Medical Biology PAS, Poland
10:55-11:20	Title: <i>A Comprehensive Characterization of Genome-Wide DNA Copy Number Aberrations and Mrna Expression in Hepatocellular Carcinoma for Cancer Target Discovery</i> Dr. Tao Xie , Principle Scientist, Pfizer Inc., USA
11:20-11:45	Title: <i>Role of Histone Chaperones in AID Induced Antibody Gene Diversification</i> Dr. Nasim Begum , Associate Professor, Kyoto University, Japan

Track 5: Human Genetics, Genome and Diseases

Section 5-1: Public Health Genomics (Part I)

Time: 13:30- 17:35, April 27, 2012 (Friday); Place: RN 306A, 3rd Floor, QICEC

Chair	Dr. Roderick Adrian Slavcev , Professor, University of Waterloo, Canada
Co-Chair	Dr. Mary E. Edgerton , Associate Professor, UT MD Anderson Cancer Center, USA
13:30-13:35	Chair's Introduction
13:35-14:00	Title: <i>Genetics and Genomics of Menopause and Menarche</i>

	Dr. Volodymyr Dvornyk , Associate Professor, The University of Hong Kong, China
14:00-14:25	Title: <i>Identification of Breast Cancer Intrinsic Subtypes in a Clinical Laboratory</i> Dr. Zhiyuan Hu , Scientific Director, University of North Carolina at Chapel Hill, USA
14:25-14:50	Title: <i>Hydroxyurea (Hydroxycarbamide) Treatment of Very Young Children with Sickle Cell Anemia</i> Dr. Winfred C Wang , Professor, St Jude Children's Research Hospital, USA
14:50-15:15	Title: <i>Development of a Highly Safe and Efficient pDNA Vector Production System for Non-Viral Gene Delivery</i> Dr. Roderick Adrian Slavcev , Professor, University of Waterloo, Canada
15:15-15:30	Coffee Break
15:30-15:55	Title: <i>Data Mining for Relevant Pathways in Cancer</i> Dr. Mary E. Edgerton , Associate Professor, UT MD Anderson Cancer Center, USA
15:55-16:20	Title: <i>Brain-Derived Neurotrophic Factor Expression in Human Solid Tumours and the Clinical Implications</i> Dr. Wen G Jiang , Professor, School of Medicine, Cardiff University, UK
16:20-16:45	Title: <i>Genomic Response to Inflammation in Human and Animal Models</i> Dr. Wenzhong Xiao , Assistant Professor, Massachusetts General Hospital and Stanford Genome Technology Center, USA
16:45-17:10	Title: <i>Causes of Pancreatic Cancer –Are Environmental Carcinogens and Hyperinsulinaemia Involved? – An Epidemiological Approach</i> Dr. Andrew R. Hart , Senior Lecturer, University of East Anglia, UK
17:10-17:35	Title: <i>Network Analysis Reveals Dual Role of Transcription Factor in Oral Cancer</i> Dr. Sanga Mitra , Junior Research Fellow, Indian Association for the Cultivation of Science, India

Section 5-2: Public Health Genomics (Part II)

Time: 13:30- 15:15, April 27, 2012 (Friday); Place: RN 306B, 3F, QICEC

Chair	Dr. Ping Liang , Associate Professor & Canada Research Chair, Brock University, Canada
Co-Chair	Dr. Yuehua Cui , Associate Professor, Michigan State University, USA
13:30-13:35	Chair's Introduction
13:35-14:00	Title: <i>Statistical Identification of Gene-Gene and Gene-Environment Interactions for Complex Disease</i> Dr. Yuehua Cui , Associate Professor, Michigan State University, USA
14:00-14:25	Title: <i>How to Solve Genetic Disease on a Population Scale</i> Dr. Barry Merriman , Lead System Architect, Life Technologies, Inc., USA

14:25-14:50	Title: <i>Neuronal Shc in Development, Neuroplasticity and Aging</i> Dr. Nozomu Mori , Professor, Nagasaki University School of Medicine, Japan
14:50-15:15	Title: <i>Genome-Wide Survey Reveals Dynamic Widespread Tissue-Specific Changes in DNA Methylation during Development</i> Dr. Ping Liang , Associate Professor & Canada Research Chair, Brock University, Canada

Track 6: Other Omics and Applications

Track 6: Other Omics and Applications

Time: 15:30- 17:40, April 27, 2012 (Friday); Place: RN 306B, 3F, QICEC

Chair	Dr. Dominic M. Desiderio , Professor, University of Tennessee Center for Health Science, USA
Co-Chair	Dr. Chung Hsuan (Winston) Chen , Director, Academia Sinica, Taiwan
15:30-15:35	Chair's Introduction
15:35-16:00	Title: <i>The Nitroproteome of the Human Pituitary</i> Dr. Dominic M. Desiderio , Professor, University of Tennessee Center for Health Science, USA
16:00-16:25	Title: <i>Produce Milligrams of Recombinant Protein Within 5 Days from Mammalian Cells</i> Dr. Huaxing Zhu , President, Novoprotein Scientific Inc., China
16:25-16:50	Title: <i>Using High-Throughput Imaging, Genome Wide Association Mapping and Multilevel -Omics Datamining to Find Novel Regulatory Networks for Plant Development</i> Dr. Wolfgang Busch , Group Leader, Gregor Mendel Institute for Molecular Plant Biology, Austria
16:50-17:15	Title: <i>How Good are the Existing Molecular Markers for Bladder Cancer - An Integrative Study of Bioinformatic, Genomic, Epigenetic and Transcriptomic Data</i> Dr. Anton A. Buzdin , Professor, Group leader, Shemyakin-Ovchinnikov Institute of Bioorganic Chemistry, Russia
17:15-17:40	Title: <i>Novel Mass Spectrometry Development for Proteomics Applications</i> Dr. Chung Hsuan (Winston) Chen , Director, Academia Sinica, Taiwan

Track 7: Non-Human Functional Genomics and Beyond

Section 7-1: Animal Functional Genomics and Genetics Research

Time: 08:30-10:15, April 28, 2012 (Saturday); Place: RN 306A, 3rd Floor, QICEC

Chair	Dr. Guillaume Pavlovic , Head of the Genetic Engineering and Model Validation Department, Mouse Clinical Institute, France
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08:30-08:35	Chair's Introduction
08:35-09:00	Title: <i>Genomic- and Protein-Based Approaches for Connectin-Like Protein Identification in Amphioxus and Ascidian</i> Dr. Akira Hanashima , Project Research Fellow, Chiba University, Japan
09:00-09:25	Title: <i>Study of the Relationship between Candidate Genes for Primary Glaucoma in Canines</i> Dr. Kumiko Kato , Joint Researcher, University of Tokyo, Japan
09:25-09:50	Title: <i>Large-Scale Mouse Genetics Infrastructures: From Highly Customized Screens to International Programs</i> Dr. Guillaume Pavlovic , Head of the Genetic Engineering and Model Validation Department, Mouse Clinical Institute, France
09:50-10:15	Panel Discussion
10:15-10:30	Coffee Break

Section 7-2: Plant Functional Genomics

Time: 10:30-12:15, April 28, 2012 (Saturday); Place: RN 306A, 3rd Floor, QICEC

Chair	Dr. Jeffrey P Mower , Assistant Professor, University of Nebraska-Lincoln, USA
Co-Chair	Dr. Elijah Kathurima Gichuru , Deputy Director of Research, Coffee Research Foundation (CRF), Kenya
10:30-10:35	Chair's Introduction
10:35-10:55	Title: <i>Collaborations to Enhance the Utilization of DNA Technologies</i> Dr. Elijah Kathurima Gichuru , Deputy Director of Research, Coffee Research Foundation (CRF), Kenya
10:55-11:15	Title: <i>Genetic Engineering of Cereals – Methods and Applications</i> Dr. Goetz Hensel , Molecular Biologist, Leibniz Institute of Plant Genetics and Crop Plant Research (IPK), Germany
11:15-11:35	Title: <i>The Effects of Horizontal Gene Transfer on Plant Mitochondrial Genomes</i> Dr. Jeffrey P Mower , Assistant Professor, University of Nebraska-Lincoln, USA
11:35-11:55	Title: <i>Transgenic Ram Spermatids Engineered in Vitro</i> Dr. Wenguang Cao , Professor, Institute of Animal Science & Veterinary Medicine in Beijing, CAAS, China
11:55-12:15	Title: <i>Construction of MNU-Induced Mutant Pools and High Performance TILLING System for Detection of SNPs in Rice</i> Dr. Toshihiro Kumamaru , Associate Professor, Kyushu University, Japan

Section 7-3: Non-Human Functional Genomics Research

Time: 08:30-11:45, April 28, 2012 (Saturday); Place: RN 306B, 3F, QICEC

Chair	Dr. Bartolome Sabater , Professor, Alcalá University, Spain
08:30-08:35	Chair's Introduction
08:35-09:00	Title: <i>Plastid ndh Genes in Plant Evolution</i> Dr. Bartolome Sabater , Professor, Alcalá University, Spain
09:00-09:25	Title: <i>Diversity and Evolution in Cassava Genome from Ancestor to Cultivar</i> Dr. Wenquan Wang , Professor, Chinese Cassava Genomics and Biotechnology Consortium, Chinese Academy of Tropical Agriculture Sciences, China
09:25-09:50	Title: <i>Ancient Mariner Transposon Inserted by Some Other Transposable Elements at Different Period in the Genome of Domesticated Bombyx Mori and the Most Related Species B. Mandarina</i> Dr. Yumiko Nakajima , Associate Professor, Tropical Biosphere Research Center, University of the Ryukyus, Japan
09:50-10:15	Title: <i>Genome Sequence and Phylogenetic Analyses of Two Begomoviruses Infecting Malvastrum Americanum in Jamaica</i> Mr. André Paul Graham , Researcher, University of the West Indies (Mona Campus) Biotechnology Centre, Jamaica
10:15-10:30	Coffee Break
10:30-10:55	Title: <i>in Vitro Antimicrobial Activity of Medicinal Plants against Clinical Isolates of Oral Cancer Cases</i> Dr. Manju Panghal , Scientist (DST Project), M. D. University, India
10:55-11:20	Title: <i>Next Generation Sequencing Sample Prep Simplified</i> Dr. Fan Wu , Product Support Manager, Corning Life Science, China
11:20-11:45	Panel Discussion