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| **Day 1: September 21, 2018** | |
| **Hall Name** | |
| **08:00-9:00** | **Registrations** |
| **09:00-09:30** | **Opening Ceremony & Introduction** |
| **Keynote Forum** | |
| **09:30-10:30** | **Title 1: The DNA Sequencing Revolution as an important Singularity Title 2: How Next Generation Sequencing is going to transform how we treat Cancer patients** |
| ***David I Smith, Mayo Clinic, USA*** |
| **Panel Discussion** | |
| **Networking & Refreshment Break | 10:30-10:50 @** | |
| **10:50-11:20** | **Title: Restoring Histone Acetylation Homeostasis in the Neurodegenerative Brain relieves Epigenetic Transcriptional Repression and Reinstates Cognition** |
| ***Felice Elefant, Drexel University, USA*** |
| **11:20-11:50** | **Title: Role of Pharmacogenomics in identifying Cancer survivors at risk for Adverse, Persistent Toxicities** |
| ***M. Eileen Dolan, University of Chicago, USA*** |
| **11:50-12:20** | **Title: Single Cell Genomics: When Stochasticity meets precision** |
| ***Xiaoliang Sunney Xie, Harvard University, USA*** |
| **Exhibitor Session** | |
| **12:20-12:35** | **Special Talk by MedGenome Inc, USA** |
| **12:35-12:50** | **Special Talk by Shanghai GenePharma Co. Ltd, China** |
| **Panel Discussion & Group Photo** | |
| **Lunch Break | 12:50-13:50** | |
| **Scientific Session/Tracks** | |
| **Human Genetics | Cancer Genetics | Genetic Disorders | Molecular and Cellular Genetics | Medical Genetics | Population and Evolutionary Genetics | Cytogenetics | Epigenetics | Immunogenetics | Pharmacogenomics | Microbial Genomics | Cancer Genomics | Functional Genomics | Nutrigenomics** | |
| **Session Introduction** | |
| **Session Chair: David I Smith, Mayo Clinic, USA** | |
| **Session Co-Chair: M. Eileen Dolan, University of Chicago, USA** | |
| **Speaker Forum** | |
| **13:50-14:15** | **Title: Challenges and rewards of Usher Syndrome genetics research in Saudi Arabia** |
| ***Khushnooda Ramzan, King Faisal Specialist Hospital and Research Centre, Saudi Arabia*** |
| **14:15-14:40** | **Title: Clinical absolute quantification assay for non-invasive detection of PVT1-derived transcripts** |
| ***Gargi Pal, Hunter College of The City University of New York, USA*** |
| **14:40-15:05** | **Title: Reducing ascertainment bias in Pharmacogenomic research** |
| ***Laura Scheinfeldt, Coriell Institute for Medical Research, USA*** |
| **Continue…** | |
| **15:05-15:30** | **Title: A customized auditory rehabilitation based on the genetic etiology: A new auditory neuropathy spectrum disorder gene** |
| ***Byung Yoon Choi, Seoul National University Bundang Hospital, South Korea*** |
| **15:30-15:55** | **Title: Deficiency in ORC1 affects heterochromatin organization, sister chromatid cohesion and the response to DNA damage in Meier-Gorlin Syndrome** |
| ***Meryem Alagoz, Biruni University, Turkey*** |
| **Networking & Refreshment Break | 15:55-16:15 @** | |
| **16:15-16:40** | **Title : Pharmacogenomics boosted high content screening approaches for drug discovery** |
| ***Jean-Philippe Stephan, Centre for excellence Pharmacological Screening, France*** |
| **16:40-17:05** | **Title : Cross-talk between brain cancer and Alzheimer's disease** |
| ***Xinzhong Li, University of Plymouth, UK*** |
| **Young Researchers Forum** | |
| **17:05-17:30** | **Title: Mutational screening in patients with familial hypophosphatemic rickets** |
| ***Binata Marik , AIIMS, India*** |
| **17:30-17:55** | **Title: Graphene biosensors for label free detection of blood based biomarkers for Alzheimer’s disease** |
| ***Jagriti Sethi, University of Plymouth, UK*** |
| **Panel Discussion** | |
| **Day 2: September 22, 2018** | |
| **Hall Name** | |
| **Keynote Forum** | |
| **09:00-09:30** | **Title: Gender Effect on the Genotype-Phenotype Correlation in Congenital Long QT Syndrome** |
| ***Hector Barajas-Martinez, Global Genetics Corporation,* USA** |
| **09:30-10:00** | **Title: Whole Genome Sequencing to study the role of HPV integration in Oropharyngeal Squamous Cell Carcinoma** |
| ***David I Smith, Mayo Clinic, USA*** |
| **10:00-10:30** | **Title: MicroRNA-1207-3p in metastatic castrate-resistant Prostate Cancer** |
| ***Olorunseun O. Ogunwobi, Hunter College of The City University of New York, USA*** |
| **Panel Discussion & Group Photo** | |
| **Networking & Refreshment Break | 10:30-10:50 @** | |
| **10:50-11:20** | **Title : Graphene biosensors for label free detection of blood based biomarkers for Alzheimer’s disease** |
| ***Genhua Pan, University of Plymouth, UK*** |
| **11:20-11:50** | **Title : Genetics/genomics for both treatment and prevention: The evidence-base** |
| ***Ron Martin, Nutrigenetics Unlimited, Inc., USA*** |
| **11:50-12:20** | **Title:Genomics the cellular evolution of Medicine** |
| ***John Powers, Murrieta Genomics, USA*** |
| **Panel Discussion (12:20-12:30)** | |
| **Lunch Break | 12:30-13:30** | |
| **Scientific Session/Tracks** | |
| **Human Genetics | Cancer Genetics | Genetic Disorders | Molecular and Cellular Genetics | Medical Genetics | Population and Evolutionary Genetics | Cytogenetics | Epigenetics | Immunogenetics | Pharmacogenomics | Microbial Genomics | Cancer Genomics | Functional Genomics | Nutrigenomics** | |
| **Session Introduction** | |
| **Session Chair: Hector Barajas-Martinez, Global Genetics Corporation, USA** | |
| **Session Co-Chair: Genhua Pan, University of Plymouth, UK** | |
| **Speaker Forum** | |
| **Continue...** | |
| **13:30-13:55** | **Title: Holistic studies of Whole Genomes** |
| ***Change Tan, University of Missouri, USA*** |
| **13:55-14:20** | **Title: Germ-line mutanome profiling of the Breast Cancers in Pakistani population** |
| ***Sadia Ajaz , University of Karachi, Pakistan*** |
| **14:20-14:45** | **Title: Musculoskeletal response to hormonal therapies is influenced by CYP19A1** |
| ***Reina Villareal, Bayor college of Medicine, USA*** |
| **14:45-15:10** | **Title: TBA** |
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| **15:10-15:35** | **Title: TBA** |
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| **Panel Discussion** | |
| **Networking & Refreshment Break | 15:35-15:50** | |
| **Video Presentation** | |
| **15:50-16:10** | **Title: Classic Crouzon Syndrome and Crouzon Syndrome associated with Acanthosis nigricans: Familial case report** |
| ***Rebeca Ruth Briones Andriuoli, Universidad Católica de Santiago de Guayaquil, Ecuador*** |
| **16:10-16:30** | **Title: RegenerAge System: Therapeutic effects of combinatorial biologics (mRNA and allogenic MSCs) with a spinal cord stimulation system on a patient with spinal cord section** |
| ***Joel I. Osorio, RegenerAge SAPI de CV, Mexico*** |
| **16:30-16:50** | **Title: The centers of premeltons signal the beginning and ends of genes** |
| ***Henry M. Sobell, University of Rochester, USA*** |
| **Poster Chair:Hector Barajas-Martinez, Global Genetics Corporation, USA (16:50-17:50)** | |
| **P01** | **Title: Characterization of genetic variation in the Fc gamma Receptor locus in Ecuadorian population** |
| ***Adriana Perez Portilla, University of Madrid, Spain*** |
| **P02** | **Title: Mitochondrial DNA Copy number variation in Iranian patients with Nonalcoholic fatty Liver disease** |
| ***Sharareh Kamfar, Hamedan University, Iran*** |
| **P03** | **Title: Analysis of mitochondrial DNA D-loop region mutations in Iranian patients with Nonalcoholic fatty Liver disease** |
| ***Kambiz Hasrak, Baqiyatallah El - Azam Subspeciality Hospital, Iran*** |
| **P04** | **Title: Toxicogenomic investigation of *Tetrahymena thermophila* exposed to organic pollutants and arsenic** |
| ***Guangying Wang, Chinese Academy of Sciences, China*** |
| **P05** | **Title: TBA** |
| ***Gulmira Yermakhanova, Medical Center Hospital of President's Affairs Administration of the Republic of Kazakhstan, Kazakhstan.*** |
| **P06** | **Title: Spatial and temporal distribution of small no coding RNAs( miRNAa and pi RNAs) into the cell** |
| ***Chetta Massimiliano, Antonio Cardarelli Hospital, Italy*** |
| **Panel Discussion** | |
| **Awards & Closing Cermony** | |
| **\*\*Note: Tentative program has been designed with the projected speakers names and titles.** | |