

Scientific Program

5th International Conference on

HUMAN GENETICS AND GENETIC DISEASES

&

11th International Conference on

GENOMICS AND PHARMACOGENOMICS

September 21-22, 2018 | Philadelphia, USA

Exhibitors



GenePharma



MEDGENOME

Conference Hall: Independence Ballroom A

08:00-9:00 Registrations

09:00-09:30 Opening Ceremony

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 @ Foyer

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: MicroRNA-1207-3p in metastatic castrate-resistant prostate cancer**
 Olorunseun O. Ogunwobi, Hunter College of The City University of New York, 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 @ Benjamins

Sessions: 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 Chair: David I Smith, Mayo Clinic, USA

Session Co-chair: M. Eileen Dolan, University of Chicago, USA

Session Introduction

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

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

Panel Discussion

Networking & Refreshment Break 15:55-16:15 @ Foyer

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, AllMS, India

17:30-17:55 **Title: Correlated transcription modules uncovered by high-precision single-cell transcriptomics**
 Alec R Chapman, Harvard University, USA

Panel Discussion

Conference Hall: Independence Ballroom A

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: Genomics the cellular evolution of Medicine**
John Powers, Murrieta Genomics, USA

Panel Discussion

Networking & Refreshment Break 10:30-10:50 @ Foyer

- 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

Sessions: Human Genetics | Cancer Genetics | Genetic Disorders | Population and Evolutionary Genetics | Pharmacogenomics | Functional Genomics

Session Chair: Hector Barajas-Martinez, Global Genetics Corporation, USA

Session Co-chair: Genhua Pan, University of Plymouth, UK

Session Introduction

- 11:50-12:15 **Title: Holistic studies of whole genomes**
Change Tan, University of Missouri, USA
- 12:15-12:40 **Title: Germ-line mutanome profiling of the Breast cancers in Pakistani population**
Sadia Ajaz, University of Karachi, Pakistan

Panel Discussion

Lunch Break 12:40-13:40 @ Benjamins

- 13:40-14:05 **Title: Musculoskeletal response to hormonal therapies is influenced by CYP19A1**
Reina Villareal, Baylor college of Medicine, USA
- 14:05-14:30 **Title: Identification of novel cancer target genes by combining data from the Cancer Genome Wide Association Studies (GWAS), regulatory DNA elements and The Cancer Genome Atlas (TCGA)**
Diptee A. Kulkarni, Glaxo Smith Kline Research and Development, USA
- 14:30-14:55 **Title: Molecular regulation of experience dependent plasticity**
Anna R Moore, Temple University, USA

Panel Discussion

Video Presentations

- 15:05-15:20 **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
- 15:20-15:40 **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
- 15:40-16:00 **Title: The centers of premeltons signal the beginning and ends of genes**
Henry M. Sobell, University of Rochester, USA

Panel Discussion

Networking & Refreshment Break 16:00-16:15 @ Foyer

Poster Presentations

- P 01**
Title: Characterization of Genetic variation in the Fc gamma receptor locus in Ecuadorian population
Adriana Perez Portilla, University of Madrid, Spain
- P 02**
Title: Mitochondrial DNA copy number variation in Iranian patients with non-alcoholic fatty liver disease
Sharareh Kamfar, Hamedan University, Iran
- P 03**
Title: Analysis of mitochondrial DNA D-loop region mutations in Iranian patients with non-alcoholic fatty liver disease
Kambiz Hasrak, Baqiyatallah El - Azam Subspeciality Hospital, Iran
- P 04**
Title: Toxicogenomic investigation of Tetrahymena thermophila exposed to organic pollutants and arsenic
Guangying Wang, Chinese Academy of Sciences, China
- P 05**
Title: Study of association of some gene polymorphisms with metabolic syndrome and its components in Kazakh population
Gulmira Yermakhanova, Medical Center Hospital of President's Affairs Administration of the Republic of Kazakhstan, Kazakhstan.
- P 06**
Title: Spatial and temporal distribution of small no coding RNAs(miRNAs and pi RNAs) into the cell
Chetta Massimiliano, Antonio Cardarelli Hospital, Italy

Panel Discussion

Awards & Closing Cermony

