

JOINT EVENT

Proceedings of

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

Scientific Program

Conference Series LLC Ltd

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Venue

DoubleTree by Hilton Hotel Philadelphia Airport
4509 Island Ave, Philadelphia, PA 19153, USA

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, AIIMS, 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 Andrioli, 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



Human Genetics & Genome 2018