conferenceseries.com

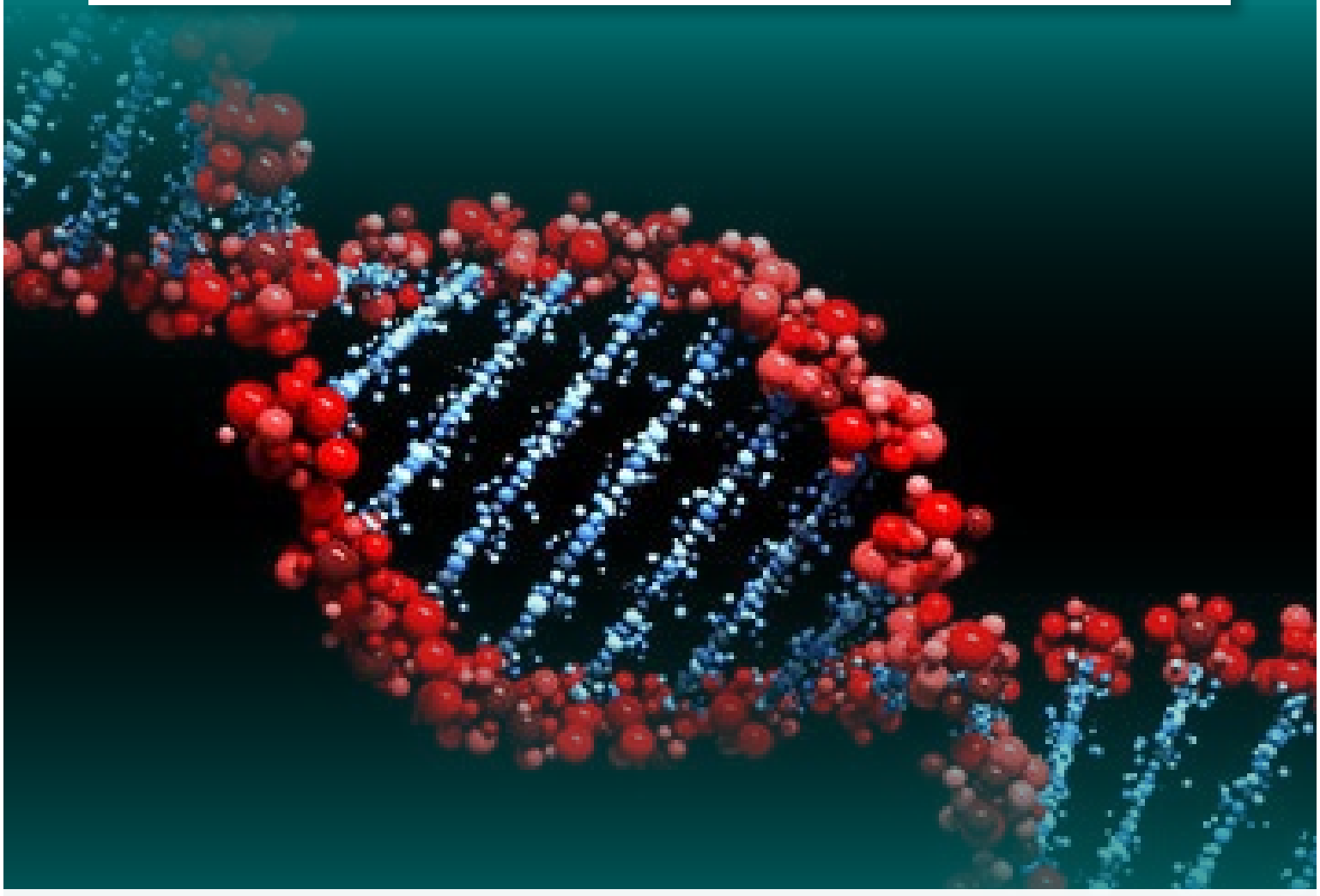
Scientific Program

9th International Conference on

Genomics and Pharmacogenomics

June 15-16, 2017 London, UK

Theme: "Novel research on Genomics and Pharmacogenomics for Global Health"



For Available Speaker Slots

genomics@conferenceseries.net

Conference Secretariat

Conference Series LLC 2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA

Tel: +1-888-843-8169, Fax: +1-650-618-1417, Ph: +1-650-268-9744, Toll free: +1-800-216-6499

Email: genomics@conferenceseries.net

Scientific Program

9th International Conference on

Genomics and Pharmacogenomics

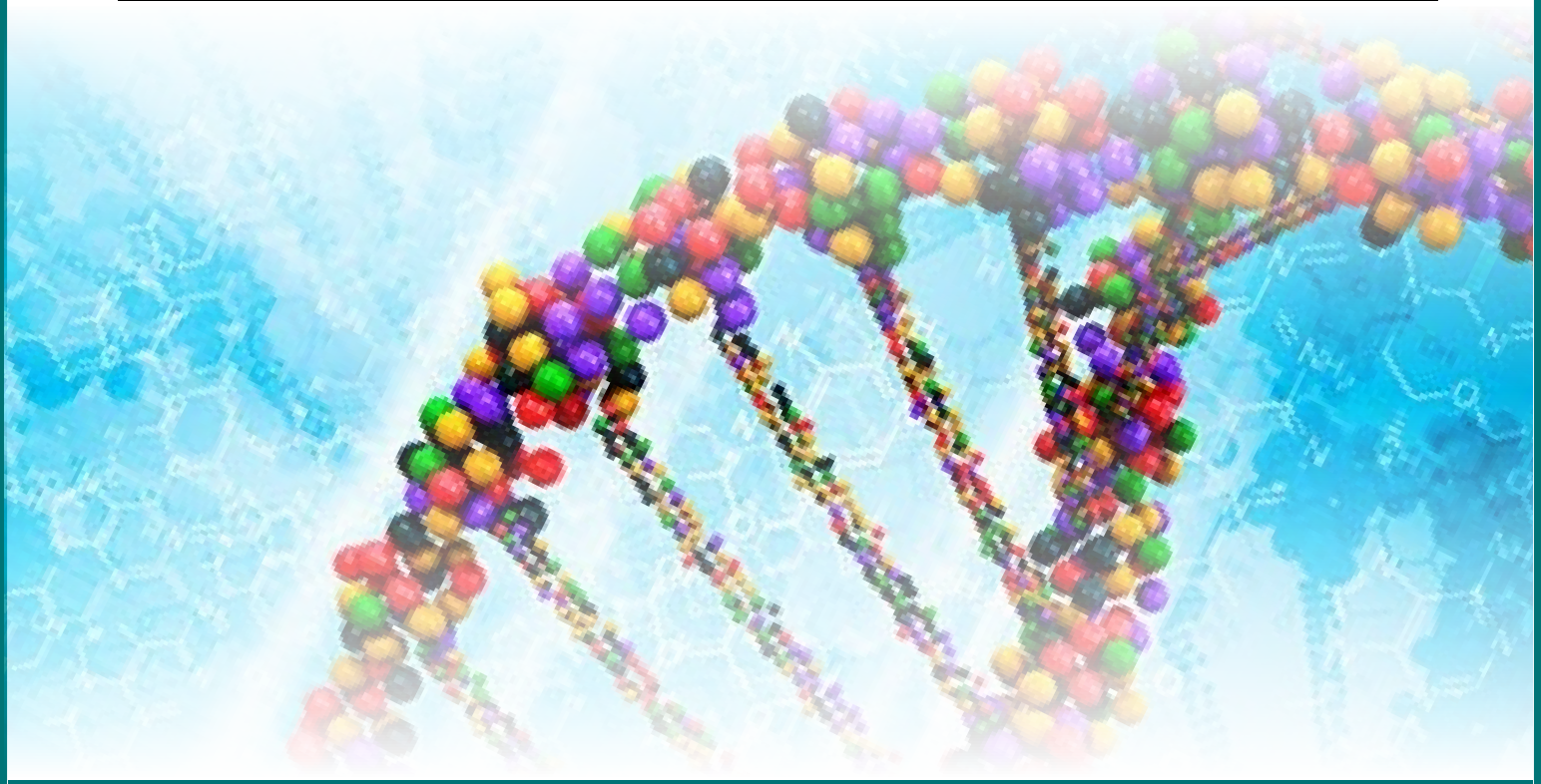
June 15-16, 2017 London, UK

9th International Conference on
Genomics and Pharmacogenomics
June 15-16, 2017 London, UK
Day 1 June 15th, 2017
Registrations
Opening Ceremony
Keynote Forum
Title: The centers of premeltons signal the beginning and ends of genes
Henry M. Sobell, University of Rochester, USA
Title: Use of carrier exome screening for prevention of malignancies and other severe neurodevelopmental disorders
Peter L. Nagy, Columbia University, USA
Networking & Refreshment Break
Genome Medicine| Future trends in Genomics| Biomarkers & Molecular Markers |Bioinformatics in Genomics| Plant Genomics | Pharmacogenomics & Personalized Medicine| Cancer Genomics
Session Introduction
Title: Integrated genetic and epigenetic analysis identifies biomarkers of prognostic significance in pediatric acute myeloid leukemia
Jatinder Lamba, University of Florida, USA
Title: Single cell RNA sequencing analysis of bone marrow innate lymphoid progenitors
Yong Yu, Wellcome Trust Sanger Institute, United Kingdom
Title: Effect of cyclic, low dose pyrimethamine treatment in patients with late onset tay sachs: an open label, extended pilot study
Ruth Navon, Tel-Aviv University, Israel
Lunch Break
Title: From translational research to a new molecule for the treatment of multiple sclerosis
Anat Achiron, Tel-Aviv University Sackler School of Medicine, Israel
Title: Pharmacogenetics: advanced drug administration
Rozana Oliveira Goncalves, Gonçalo Moniz Research Center, Brazil
Title: Characterizing TYLCV in cucumber through the application of molecular techniques
Hanadi Al-Hashash, Kuwait Institute for Scientific Research, Kuwait
Networking & Refreshment Break
Title: Annotation and geneticvariation studyof swine CD(cluster of differentiation) genes
Haesu Ko, National Institute of Animal Science, Korea
Panel Discussion

NOTE: Program Schedule is subject to change with final allotment of the speaker slots

http://genomics.conferenceseries.com/

Day 2 June 16, 2017
Keynote Forum
Title: Altered UBIAD1 prenyltransferase function in schnyder cornea dystrophy affects cholesterol metabolism and mitochondrial function
Michael L. Nickerson, National Institutes of Health Bethesda, USA
Title: Tamoxifen pharmacogenomics of breast cancer: the controversy and way forward
Hiltrud Brauch, Dr. Margarete Fischer Bosch-Institute of Clinical Pharmacology, Germany
Micro RNA| Clinical Genomics| mRNA Analysis | Next Generation Sequencing | Comparative Genomics| Genome Engineering | Functional Genomics | Microbial Genomics
Session Introduction
Title: Phenotypic and transcriptomic analyses of colonial phase variants of the cholera pathogen vibrio choleraeReveal a novel biofilm-defective form
Gregg S. Pettis, Louisiana State University, USA
Title: Identification of microRNAs signature and signalling pathway targets in an animal model of tinnitus
Martine Hamann, University of Leicester, United Kingdom
Title: Optimizing multiple sclerosis diagnosis using gene expression and genomic association data
Gurevich Michael, Multiple Sclerosis Center, Sheba Medical Center, Israel
Networking & Refreshment Break
Title: Genomics to tackle challenges in infectious diseases
Ivana Haluskova Balter, French society of immunology, France
Title: Diagnosis and genetic identification of tomato yellow leaf curl virus (TYLCV) infecting tomato crops in kuwait
Ebtesam Al-Ali, Kuwait Institute for Scientific Research, Kuwait
Title: Offline program to tumor suppressor genes detection using python language
Mohamed Ahmed Mohamed Emam, Cairo University, Egypt
Lunch Break
Panel Discussion



NOTE: Program Schedule is subject to change with final allotment of the speaker slots

http://genomics.conferenceseries.com/

Glimpses of Genomics Conferences



















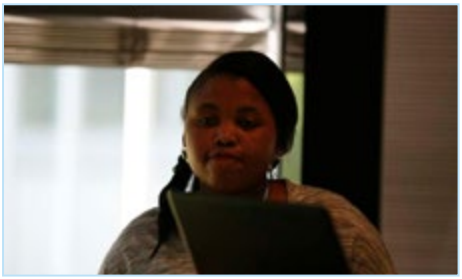




Welcome

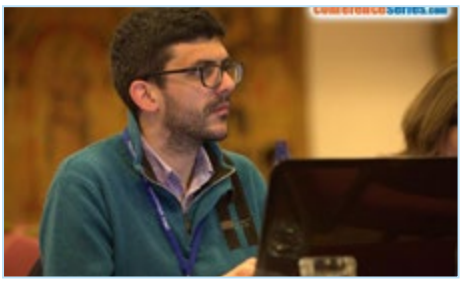
Welcome


Welcome





Welcome






Welcome



Major Scientific Sessions

- Cancer genomics
- Functional Genomics
- Next Generation Sequencing
- Biomarkers & Molecular Markers
- Pharmacogenomics & Personalized Medicine
- Clinical Genomics
- Micro RNA
- mRNA Analysis
- Bioinformatics in Genomics
- Comparative Genomics
- Plant Genomics
- Genome Engineering
- Microbial Genomics
- Future trends in Genomics
- Genome Medicine
- Genomics Market

Best Poster Award



- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student's enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates



Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries
genomics@conferenceseries.net

Conference Venue

London, Uk

Contact us
America: Conference Series LLC
Euro Case Reports 2017
2360 Corporate Circle., Suite 400 Henderson,
NV 89074-7722, USA
Phone: +1-888-843-8169, Fax: +1-650-618-1417,
Toll free: +1-800-216-6499
Email: genomics@conferenceseries.net

Contact us
UK: Conference Series LLC
Euro Case Reports 2017
Heathrow Stockley Park Lakeside House
1 Furzeground Way, Heathrow
UB11 1BD, UK
Tel: +1-800-216-6499
Email: genomics@conferenceseries.net

Contact us
Asia-Pacific: Conference Series LLC
Euro Case Reports 2017
Divyasree Building, Raidurg
6th Floor, North Block
Hyderabad 500032, INDIA
Tel: 040-33432309
Email: genomics@conferenceseries.net

About London

London is one of the largest and most diverse science regions in Europe. Roughly 200,000 people from around the world teach research, work and study here. Approximately 17 percent of all students come from abroad, most of them from China, Russia and the USA. Many cooperative programs link London's institutes of higher education with partner institutes around the world. London is a city of science at the heart of Europe – a city whose history of scientific excellence stems from its many important

research institutions and its long track record of scientific breakthroughs. London has numerous modern Technology Centers. Their science-oriented infrastructure makes them attractive locations for young, technology-oriented companies.

London is one of the largest and most diverse science regions in Europe. Roughly 200,000 people from around the world teach research, work and study here. Approximately 17 percent of all students come from abroad, most of them from China, Russia and the USA. Many cooperative programs link

London's institutes of higher education with partner institutes around the world. London is a city of science at the heart of Europe – a city whose history of scientific excellence stems from its many important research institutions and its long track record of scientific breakthroughs. London has numerous modern

Technology Centers. Their science-oriented infrastructure makes them attractive locations for young, technology-oriented companies.

London is one of the largest and most diverse science regions in Europe. Roughly 200,000 people from around the world teach research, work and study here. Approximately 17 percent of all students



Tourist Attractions of London















conferenceseries.com

658th Conference

Scientific Program

6th International Conference on

Genomics & Pharmacogenomics

September 12-14, 2016 Berlin, Germany



Hosting Organizations: Conference Series LLC

2360 Corporate Circle., Suite 400 Henderson, NV 89074-7722, USA

Ph: ++1-888-843-8169, Fax: +1-650-618-1417, Toll free: +1-800-216-6499

Conference Series Ltd

Heathrow Stockley Park Lakeside House, 1 Furzeground Way, Heathrow, UB11 1BD, UK, Tel: +1-800-216-6499

Email: genomics@conferenceseries.net ; genomics@conferenceseries.com

Day 1 September 12, 2016

Registrations

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Title: Key success factors implementing precision medicine

Andreas Scherer, Golden Helix Inc., USA

Title:Virtualized drug development for (truly) personalized drug therapy

Hans Lehrach, Max Planck Institute for Molecular Genetics, Germany

Networking & Refreshment Break

Sessions:

Genome Medicine | Future trends in Genomics | Biomarkers & Molecular Markers | Bioinformatics in Genomics | Plant Genomics | Pharmacogenomics & Personalized Medicine | Cancer Genomics

Session Chair: Gerald J Wyckoff, University of Missouri-Kansas City, USA

Session Co-Chair: Yuri E Dubrova, University of Leicester, UK

Session Introduction

Title: The next generation of genomicists

Gerald J Wyckoff, University of Missouri-Kansas City, USA

Title: A genome-wide analysis of mutation induction in the mouse germ-line

Yuri E Dubrova, University of Leicester, UK

Title:Analytical strategy to unravel novel candidates from Alzheimer's disease gene regulatory networks using public transcriptomic studies

Tamara Raschka, Fraunhofer Institute for Algorithms and Scientific Computing, Germany

Lunch Break

Title: Genotoxicity and cytotoxicity evaluation of the neolignan analogue 2-(4-Nitrophenoxy)-1-phenylethanone and its Protective effect against DNA damage

Alex Lucas Hanusch, Universidade Federal de Goiás, Brazil

Title: Multiallelic copy number variations of MSH2-AT3G18530-AT3G18535 genes in *Arabidopsis thaliana*: In-depth analysis of genotypes, mechanisms leading to their formation and the functional implications

Agnieszka Zmienko, Poznan University of Technology, Poland

Title: Patient derived micro tumor systems: Future trends towards improved testing systems, realizing the potential of HTS/ HCS towards precision medicine

Giridharan Periyasamy, Genome Institute of Singapore, Singapore

Networking & Refreshment Break

Title: Phylogenetic analysis of TYLCV on tomato plants in Kuwait

Ebtesam Al-Ali, Kuwait Institute for Scientific Research, Kuwait

Title: DNA repair in head and neck cancers and their radiosensitivity

Martin Falk, Czech Academy of Sciences, Czech Republic

Title: Analysis of DNA methylation of psoriasis patients treated with anti-TNF drugs using bioinformatics tools

Maria C Ovejero-Benito, Instituto de Investigación Sanitaria la Princesa, Spain

Title: Screening of genetic variants in familial case of myeloid neoplasm using exome sequencing

Sara Teresinha Olalla Saad, State University of Campinas, Brazil

Panel Discussion

Day 2 September 13, 2016

Keynote Forum

Title: Chromatin structure and chromosomal rearrangements in CD34+ cells and lymphocytes from Myelodysplastic syndromes (MDS) patients

Martin Falk, Czech Academy of Sciences, Czech Republic

Sessions:
microRNA | Clinical Genomics | mRNA Analysis | Next Generation Sequencing | Comparative Genomics | Genome Engineering | Functional Genomics | Microbial Genomics

Session Chair: Janos Zempleni, University of Nebraska-Lincoln, USA
Session Co-Chair: Martin Falk, Czech Academy of Sciences, Czech Republic

Session Introduction

Title: Delivery of functional RNA cargos by dietary exosomes from cow's milk in C57BL/6J mice
Janos Zempleni, University of Nebraska-Lincoln, USA
Title: Polymorphisms that regulate the response to Etanercept in psoriatic patients
Maria C Ovejero-Benito, Instituto de Investigación Sanitaria la Princesa, Spain
Title: Molecular characterizing of TYLCV in cucumber plants in Kuwait
Ebtesam Al-Ali, Kuwait Institute for Scientific Research, Kuwait

Networking & Refreshment Break

Title: Study of expression and functional mechanisms of histamine N-MethylTransferase (HNMT) in tumorigenesis and correlation with progression in lung cancer
Chi-Tai Yeh, Taipei Medical University-Shuang Ho Hospital, Taiwan
Title: Identification of new microRNA biomarkers in drug-insensitive cancer stem cells in human leukemia
Xiaoyan Jiang, University of British Colombia, Canada
Title: Dynamics of PBMC gene expression during Peginterferon/Ribavirin combination therapy in hepatitis C virus genotype 1b-infected patients
Chia-Yen Dai, Kaohsiung Medical University, Taiwan

Lunch Break

Poster Presentations

Title: Development of a comprehensive high-coverage, cost effective HLA typing assay
Qu Zhengzhong James, Genome Institute of Singapore, Singapore
Title: High throughput identification of novel conotoxins from cone snails by multi-transcriptomic sequencing
Qiong Shi, Shenzhen University, China
Title: Genetic polymorphisms of pharmacogenomic VIP variants in seven national minorities from different regions of China
Tianbo Jin, Xizang Minzu University, China
Title: Genes involved in neurodevelopment, neuroplasticity and bipolar disorder: CACNA1C, CHRNA1 and MAPK1
Chi-Un Pae, Catholic University of Korea, South Africa
Title: PDCD1 single nucleotide genes polymorphisms confer susceptibility to juvenile-onset systemic lupus erythematosus
Mohammad Roushanghalb, Tehran University of Medical Sciences, Iran
Title: Recent progression in hemophilia gene therapy
Reyhane Sadat Saeedi, Tehran University of Medical Sciences, Iran
Title: Autosomal recessive non syndromic hearing loss (ARNSH): Different mutations spectrum in Iran
Saeed Tarverdizadeh, Tehran University of Medical Sciences, Iran

Young Researcher Forum

Title: Identification of disease causing mutations in hyperglycinemic captive bred vervet monkeys (Chlorocebus aethiops)
Zandisiwe Emilia Magwebu, Medical Research Council, South Africa
Title: Mutation detection of RB1 tumor suppressor gene (exon 18 & 19) and expression assay of FGF2 oncogene in patients with brain tumors including meningioma and astrocytoma
Ali Hosseini Bereshneh, Tehran University of Medical Sciences, Iran
Title: The role of chromosomal abnormalities in spontaneous abortion and chromosome analysis importance
Reyhane Sadat Saeedi, Tehran University of Medical Sciences, Iran
Title: Pharmacogenetics in breast cancer therapy: Patient's genetics profile in trastuzumab and tamoxifen prescription
Saeed Tarverdizadeh, Tehran University of Medical Sciences, Iran

Networking & Refreshment Break

Panel Discussion

Day 3 September 14, 2016

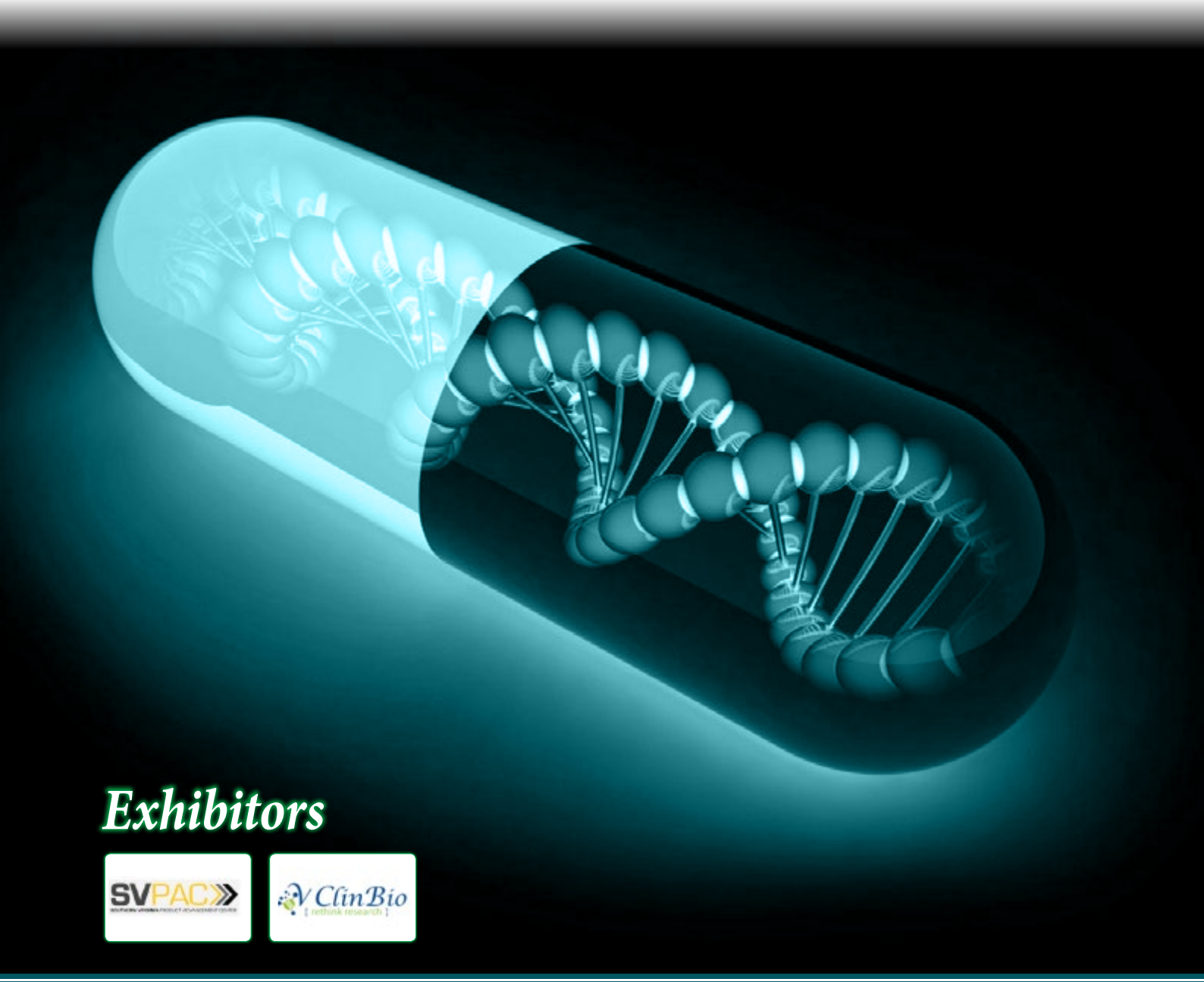
B2B and Networking Session

Scientific Program

2nd International Conference on

Genomics & Pharmacogenomics

September 08-10, 2014 DoubleTree by Hilton Hotel Raleigh-Brownstone-University, USA



Exhibitors

SVPAC

ClinBio

"Organize your Events at OMICS Group Conferences"

Proposals are invited for organizing Symposia/Workshops at OMICS Group Conferences or OMICS Group will sponsor small events at your universities in related areas under the title of your own. These proposals can be sent to respective conference mail ids or to *symposia@omicsonline.org*

Registrations

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Krishna Dronamraju
Foundation for Genetic Research, USA

Chava Kimchi-Sarfaty
Food and Drug Administration, USA

Coffee Break

Zuben E Sauna
Food and Drug Administration, USA

Anton A Komar
Cleveland State University, USA

Track 1: Functional Genomics
Track 2: Transcriptional Profiling
Track 3: m-RNA Analysis
Track 4: Cancer Genomics
Track 5: Analysis of Non-coding RNA

Session Introduction

Session Chair: Anton A Komar, Cleveland State University, USA
Session Co-Chair: Chava Kimchi-Sarfaty, Food and Drug Administration, USA

Title: A Genome-wide polyribosome profiling revealed a post-transcriptional operon as an endogenous defense against inflammation
Barsanjit Mazumder, Cleveland State University, USA
Title: The androgen receptor mRNA and miRNA dynamics
Girish C Shukla, Cleveland State University, USA

Lunch Break

Title: Enzymes and biotechnology: Can we overcome modern challenges?
Junio Cota Silva, VTT Brazil, Brazil
Title: The coding potential of *Pseudomonas aeruginosa*: Gene discovery across strains by computational comparative genomics and ribosome profiling.
Luciano Brocchieri, University of Florida, USA
Title: Single-cell RNA-seq profiling identified molecular signatures and transcriptional networks regulating lung maturation
Xu Yan, Cincinnati Children's Hospital Medical Center, USA
Title: Using nascent RNA's to study the transcriptional regulation in adipocytes
Kyoung-Jae Won, University of Pennsylvania, USA
Title: Construction of the big data processing environment and mathematical modeling for psychiatric diagnosis in a cloud computing system
Kazuo Ishii, Tokyo University of Agriculture and Technology, Japan

Title: DNA binding sites for transcriptional activators and expression and activation of resistance genes
Maria M Tavio, University of Las Palmas de Gran Canaria, Spain

Coffee Break

Cocktails sponsored by **Journal of Molecular and Genetic Medicine @ Pre-Function Area**

Panel Discussions

Day 2 September 09, 2014

Registrations

Track 6: Digital Gene Expression & Modern Genetics
Track 7: Evolutionary and Comparitive Genomics
Track 8: Genomic Technology and Methodology Development
Track 9: Next Generation Sequencing Services

Session Chair: J Claiborne Stephens, Genomics GPS, LLC, USA
Session Co-Chair: Patricia E Berg, George Washington University Medical Center, USA

Title: Shifting the paradigm for genetic sample resources
J Claiborne Stephens, Genomics GPS, LLC, USA
Title: *BP1*, A potential oncogene over expressed in Cancer
Patricia E Berg, George Washington University Medical Center, USA
Title: On the epigenetic properties of the DNA information
Simon Berkovich, The George Washington University, USA

Coffee Break

Title: Prenatal diagnosis
Allan J Fisher, HCA VA Hospitals, USA
Title: Analysis of free circulating DNA in peripheral blood
Piotr Mieczkowsk, University of North Carolina, USA
Title: Structure-based modeling of the effects of missense mutations associated with human disorders
Emil Alexov, Clemson University, USA
Title: Emergence of novel CpG island is the key genomic change for the evolution of mammalian genomic imprinting
Shunsuke Suzuki, Shinshu University, Japan
Title: "mMAP" database and metabolomics data analysis pipeline for mouse functional genomics experiments
Preeti Bais, The Jackson Laboratory for Genomic Medicine, USA

Lunch Break

Title: Computational biomarker discovery in the big data era: From translational biomedical informatics to systems medicine
Bairong Shen, Soochow University, China
Title: Organization and evolution of a novel yeast CDEI-like repeat cervid satellite DNA
Y C Li, Chung-Shan Medical University, Taiwan
Title: Multiple solutions for genomics and pharmacogenomics
Yuhua Li, Shanghai Biotechnology Corporation, China
Title: Using imaging tools to track the phenotype changes to capture potential genotype changes
Mei Xiao, The Jackson Laboratory, USA

Coffee Break

Poster Presentations @ Pre-Function Area

Cocktails sponsored by **Journal of Molecular and Genetic Medicine @ Pre-Function Area**

Day 3 September 10, 2014

Track 10: Next Generation Sequencing Services
Track 11: Pharmacogenomics Past, Present and Future
Track 12: Plant & Ecological Genomics

Session Introduction

Session Chair: Subbu Apparsundaram, V ClinBio LLC, USA

Title: Biomarkers and pharmacogenomics in CNS disorders
Subbu Apparsundaram, V ClinBio LLC, USA

Title: Using DNA copy number aberrations in naturally occurring canine cancers to identify candidate drivers of carcinogenesis
Daniel Rotroff, North Carolina State University, USA

Title: Decoding epigenome with integrative "Omics" data analysis
Hehuang Xie, Virginia Bioinformatics Institute, USA

Coffee Break

Title: Genetic polymorphisms of pharmacogenomic VIP variants in the various ethnic minority from China
HuiJuan Wang, Northwest University, China

Genotoxic and histopathological aspects of treatment with grape seed extract on cancer induced with cyclophosphamide in mice
Aboul-ela E I, National Research Centre, Egypt

Pharmacogenetic kit for individual correction of Warfarin and Clopidogrel dosage in central Asian population
Pavel Tarlykov, General Genetics Ltd., Kazakhstan

Award Presentations

Lunch Break

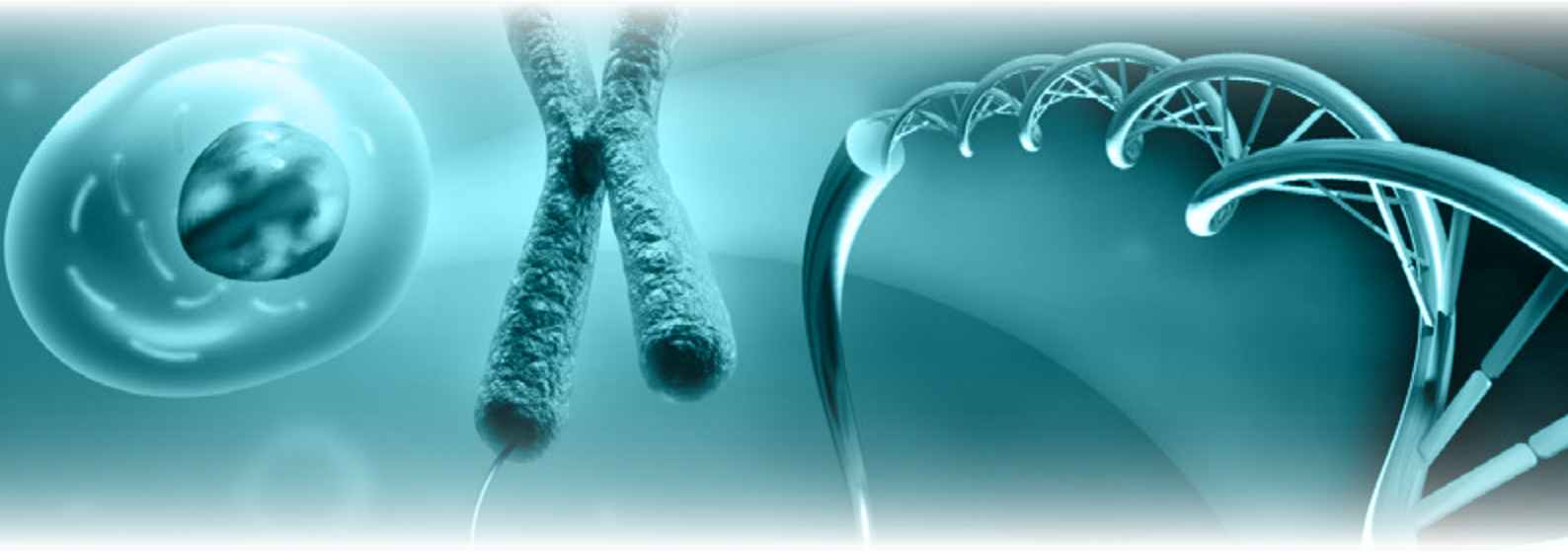
Panel Discussions

Bookmark your dates

3rd International Conference on

Genomics & Pharmacogenomics

September 21-23, 2015 San Antonio, USA



OMICS Group Inc.
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
contact@omicsgroup.com

OMICS Publishing Group
5716 Corsa Ave., Suite 110, Westlake
Los Angeles, CA 91362-7354, USA
Ph: +1-650-268-9744
Fax: +1-650-618-1414
contact.americas@omicsonline.org

OMICS Group
SEZ Unit, Building No. 20, 9th Floor
APIIC Layout, HITEC City
Hyderabad-500081, Telangana, INDIA
Ph: 040-40131823, 040-47482222
contact.asiapacific@omicsonline.org

Toll free
USA & Canada: +1-800-216-6499
Australia: +1-800-651-097
Europe: 0805-080048

Day 1 **September 21, 2015**

Registrations

conferenceseries.com

Opening Ceremony

Keynote Forum

Introduction

Utilizing cancer sequencing in the clinic: Best practices in vari ant analysis, filtering and annotation
Andreas Scherer, Golden Helix, USA

Coffee Break

The role of genomics in gene therapy and diagnostic testing and related intellectual property issues
Krishna Dronam Raju, Foundation for Genetic Research, USA

Epigenesis, methylation and single strand breaks
Rosemarie Wahl, St Mary's University, USA

Track 6: Clinical Genomics
Track 7: Micro RNA Analysis

Session Chair: Gopal B Krishnan, Promega Corporation, USA
Session Co-Chair: Peter Lajos Nagy, Columbia University, USA

Session Introduction

Title: Clinical significance of serum interleukin-23 and A/G gene (rs17375018) polymorphism in Behçets disease: Relation to neuro-Behçet, uveitis and disease activity
Tamer A Gheita, Cairo University, Egypt
Title: Investigation of proliferation and cytotoxicity capacity of cytokine-induced killer cells: Omics strategy
Wenju Wang, Yan'an Hospital of Kunming City, China

Group Photo & Lunch Break

Title: Simplified and improved RNA workflow tools to study RNA
Gopal B Krishnan, Promega Corporation, USA
Title: Practical approaches for increased specificity and sensitivity of clinical next generation sequencing testing
Peter Lajos Nagy, Columbia University, USA
Title: Familial hypercholesterolemia in the Middle East: What have we learned recently?
Zuhier Awan, King Abdulaziz University, Saudi Arabia
Title: Over-expression of cofilin-1 suppressed growth and invasion of cancer cells is associated with up-regulation of let-7 microRNA
Cheng-Han Tsai, National Yang-Ming University, Taiwan

Coffee Break

Track 1: Biomarkers & Molecular Markers

Session Chair: Patricia E Berg, George Washington University Medical Center, USA
Session Co-Chair: Igor A Sobenin, Russian Cardiology Research and Production Complex, Russia

Session Introduction

Title: Investigation of blood cell mitochondrial genome mutations in symptomless atherosclerosis among women
Margarita A Sazonova, Russian Cardiology Research and Production Complex, Russian Federation

Title: BP1: A potential oncogene overexpressed in cancer
Patricia E Berg, George Washington University Medical Center, USA

Title: Mitochondrial DNA variation in atherosclerosis
Igor A Sobenin, Russian Cardiology Research and Production Complex, Russia
Title: CFC1 gene mutation in tetralogy of fallot and dextro-transposition of great arteries in Pakistani population
Afsheen Arif, University of Karachi, Pakistan
Title: Procalcitonin (PCT) as a biomarker of disease severity in malaria and its associated CALC 1 -624 T/C promoter gene polymorphism
Paul K Marx, Osmania University, India
Title: Evidence of association of interleukin-23 receptor gene polymorphisms with Egyptian rheumatoid arthritis patients
Gehan Hamdy, Cairo University, Egypt

Panel Discussion

Day 2 September 22, 2015

Keynote Forum

The application of validation and proficiency testing concepts from current clinical genetic diagnostics for the implementation of new genetic technologies

Kathleen S Wilson, UT south Western Medical Center, USA

Biomimetic membranes

Mariusz Grzelakowski, Applied Biomimetic Inc., USA

Coffee Break

Track 2: Functional Genomics
Track 5: Pharmacogenomics & Personlaized Medicine

Session Chair: Luciano Brocchieri, University of Florida, USA
Session Co-Chair: John M Rosenfeld, EMD-Millipore, USA

Session Introduction

Title: Genomics and chromatin analysis methods for profiling protein, RNA and DNA interactions in chromatin
John M Rosenfeld, EMD-Millipore, USA
Title: Discovery of novel molecular targets in SIV infected non-human primates serve as models for human HIV drug targeting
Maarten Rudolph Leerkes, Medical Science & Computing Inc., USA
Title: Rapid and reliable genotyping of HLA-B*58:01 in four Chinese populations using a single-tube duplex real-time PCR assay
Huijuan Wang, Northwest University, China
Title: Translational evidence and the accuracy of prokaryotic gene annotation
Luciano Brocchieri, University of Florida, USA

Lunch Break

Title: PGMD: A comprehensive pharmacogenomic database for personalized medicine and drug discovery
Alexander Kaplun, QIAGEN Bioinformatics, USA
Title: Possible mutagenicity in Ha-Ras gene by TiO2 nanoparticles in mice
Haidan Mostafa Salem, Cairo University, Egypt
Title: The uniform-score gene set analysis of genetic pathways associated with diabetes traits
Hao Mei, University of Mississippi Medical Center, USA
Title: Enhancing natural killer cytotoxicity by miR-486-5p in hepatocellular carcinoma
Rana Ahmed Youness, German University, Egypt
Common and rare variant analysis of fibrate drug response in type-2 diabetics in the ACCORD clinical trial
Daniel Rotroff, North Carolina State University, USA

Coffee Break

Workshop on:
Understanding the effects of steroid hormone exposure on regulation of P53 and Bcl-2 gene expression
Teresa S. Wiley, Wiley Compunding Systems, USA

Poster Session

Title: Whole genome sequencing of Aeromonas caviae strain 429865 and preliminary comparative analysis of the A. caviae genome
Juan Carlos A Padilla, Instituto Politécnico Nacional, Mexico
Title: Effect of valproate, sodium benzoate and dextromethorphan in hyperglycinemic captive bred Vervet monkeys (Chlorocebus aethiops)
Zandisiwe Emilia Magwebu, Medical Research Council, South Africa
Title: Screening of KRAS gene mutations in breast cancer
Ch Sushma, Osmania University, India
Title: Haplotype study in Ox-LDL receptor (CD36) gene and its role as molecular marker in T2DM
Sunaina Gautam, King George Medical University, India
Title: rs9263726 is a sensitive and specific marker for allopurinol-induced severe cutaneous adverse reactions in Chinese patients
Zhiyao Chen, Soochow University, China
Title: DNA repair gene polymorphisms and toxicities in cancer patients on platinum based chemotherapy
Srinivasa Rao Katiboina, Jawaharlal Institute of Postgraduate Medical Education & Research, India
Title: The human autocrine growth hormone (GH) dependent activation of NF-κB p65 (RelA) in Epithelial Mesenchymal Transition (EMT) of mammary carcinogenesis
Srinivas Baskari, Osmania University, India
Title: Comparative analysis of evolutionary pattern and adaptive mechanism of hemagglutinin and neuraminidase genes of H5N1 influenza virus in different geographical regions
Md. Mahitur Rahaman, Mawlana Bhashani Science and Technology University, Bangladesh
Title: Effect of CYP2B6 c.516G>T and c.983T>C single nucleotide polymorphisms on plasma nevirapine levels in Zimbabwean HIV/AIDS patients
Doreen Duri, University of Zimbabwe College of Health Sciences, Africa

Poster Awards

Day 3 September 23, 2015

Track 3: Next Genetaion Sequencing
Track 4: Cancer Genomics
Track 9: Bioinformatics in Genomics, Proteomics and Computational Biology
Track 14: mRNA analysis

Session Chair: Gerald J Wyckoff, University of Missouri, USA

Session Introduction

Title: The relationship between NER and TCR in the repair of DNA adducts
Aditi Nadkarni, New York University, USA
Title: Sparse-matrix analysis of small molecules and protein targets for drug discovery
Gerald J Wyckoff, University of Missouri, USA

Coffee Break

Title: Using high-throughput sequencing of the thanatomicrobiome of criminal cases
Gulnaz T Javan, Alabama State University, USA
Title: Evaluation of antitumor potential of magnetite nanoparticles on Ehrlich solid carcinoma bearing mice
Heba Bassiony, Cairo University, Egypt
Title: Co-regulation of pluripotency and enhanced genetic integrity at the genomic level
Daniel J Cooper, University of Texas at San Antonio, USA
Title: Comparison of computational models in prediction of adverse drug reactions
Jumoke Soyemi, The Federal Polytechnic, Nigeria

Titles: Cytogenetic investigations in bone marrow cancers and cancer predisposing chromosomal instability syndromes
Binay Kumar Raut, Kathmandu University of Medical Sciences, Nepal

Lunch Break

Closing Ceremony