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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

09:00-09:30 Registrations

Sylt 1

conferenceseries.com 09:30-10:00 **Opening Ceremony**

Keynote Forum

Introduction

10:00-10:45 **Title: Key success factors implementing precision medicine**

Andreas Scherer, Golden Helix Inc., USA

10:45-11:30 **Title:Virtualized drug development for (truly) personalized drug therapy**

Hans Lehrach, Max Planck Institute for Molecular Genetics, Germany

Networking & Refreshment Break 11:30-11:45 @ Foyer

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

11:45-12:15 **Title: The next generation of genomicists**

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

12:15-12:45 **Title: A genome-wide analysis of mutation induction in the mouse germ-line**

Yuri E Dubrova, University of Leicester, UK

12:45-13:15 **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 13:15-14:00 @ Restaurant

14:00-14:30 **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

14:30-15:00 **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

15:00-15:30 **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 -15:30-15:45 @ Foyer

15:45-16:15 **Title: Phylogenetic analysis of TYLCV on tomato plants in Kuwait**

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

16:15-16:45 **Title: DNA repair in head and neck cancers and their radiosensitivity**

Martin Falk, Czech Academy of Sciences, Czech Republic

16:45-17:15 **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

17:15-17:45 **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

Sylt 1

Keynote Forum

09:00-09:45 **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

09:45-10:15 **Title: Delivery of functional RNA cargos by dietary exosomes from cow's milk in C57BL/6J mice**

Janos Zempleni, University of Nebraska-Lincoln, USA

10:15-10:45 **Title: Polymorphisms that regulate the response to Etanercept in psoriatic patients**

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

10:45-11:15 **Title: Molecular characterizing of TYLCV in cucumber plants in Kuwait**

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

Networking & Refreshment Break 11:15-11:30 @ Foyer

11:30-12:00 **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

12:00-12:30 **Title: Identification of new microRNA biomarkers in drug-insensitive cancer stem cells in human leukemia**

Xiaoyan Jiang, University of British Colombia, Canada

12:30-13:00 **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 13:00-13:45 @ Restaurant

Poster Presentations 13:45-14:30

GPC 01 **Title: Development of a comprehensive high-coverage, cost effective HLA typing assay**

Qu Zhengzhong James, Genome Institute of Singapore, Singapore

GPC 02 **Title: High throughput identification of novel conotoxins from cone snails by multi-transcriptomic sequencing**

Qiong Shi, Shenzhen University, China

GPC 03 **Title: Genetic polymorphisms of pharmacogenomic VIP variants in seven national minorities from different regions of China**

Tianbo Jin, Xizang Minzu University, China

GPC 04 **Title: Genes involved in neurodevelopment, neuroplasticity and bipolar disorder: CACNA1C, CHRNA1 and MAPK1**

Chi-Un Pae, Catholic University of Korea, South Africa

GPC 05 **Title: PDCD1 single nucleotide genes polymorphisms confer susceptibility to juvenile-onset systemic lupus erythematosus**

Mohammad Roushanghalb, Tehran University of Medical Sciences, Iran

GPC 06 **Title: Recent progression in hemophilia gene therapy**

Reyhane Sadat Saeedi, Tehran University of Medical Sciences, Iran

GPC 07 **Title: Autosomal recessive non syndromic hearing loss (ARNSH): Different mutations spectrum in Iran**

Saeed Tarverdizadeh, Tehran University of Medical Sciences, Iran

Young Researcher Forum

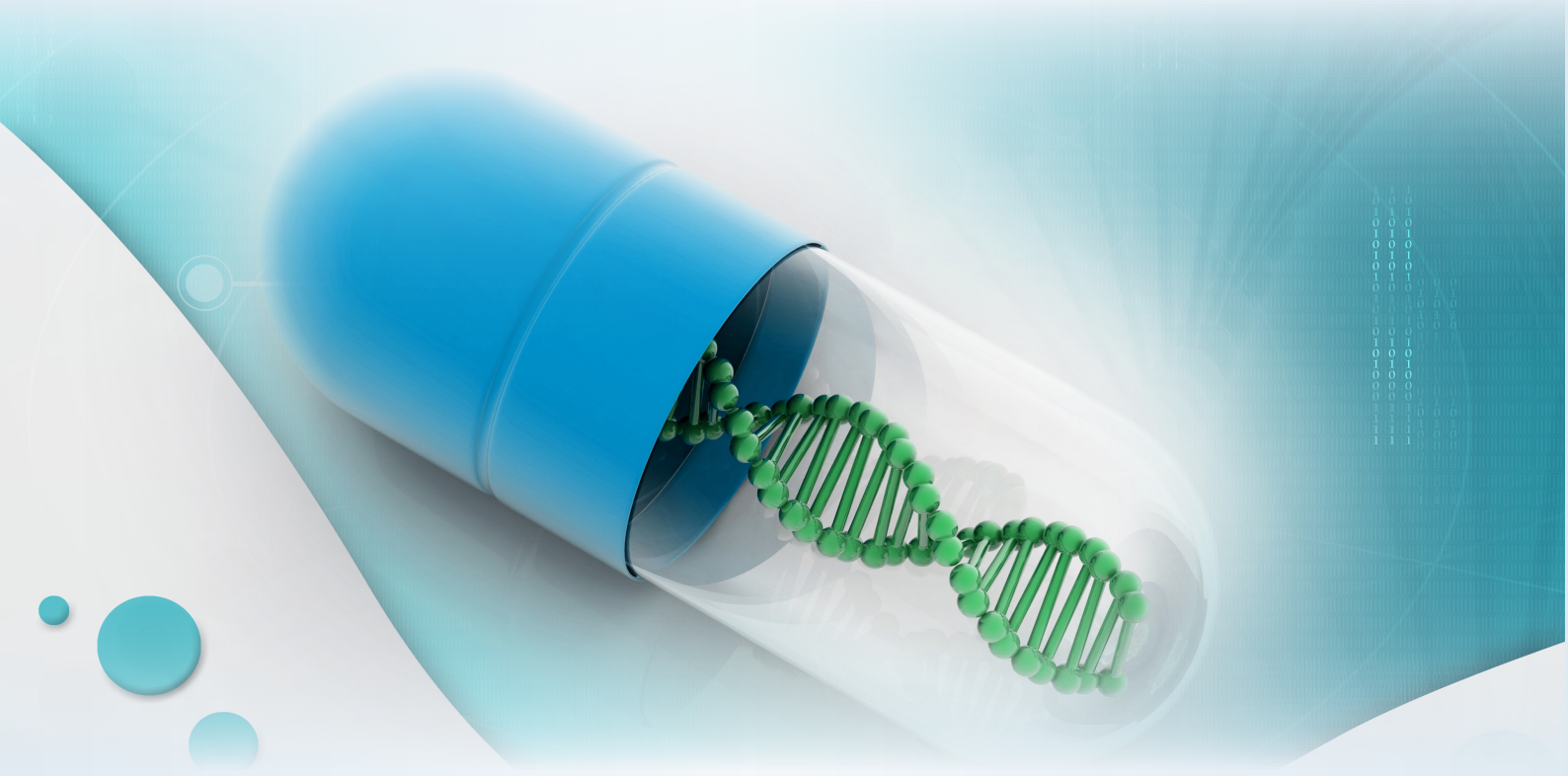
14:30-14:50	**Title: Identification of disease causing mutations in hyperglycinemic captive bred vervet monkeys (Chlorocebus aethiops)** **Zandisiwe Emilia Magwebu,** Medical Research Council, South Africa
14:50-15:10	**Title: Mutation detection of RB1 tumor suppressor gene (exon 18 & 19) and expression assay of FGF2 oncogene in patients with brain tumors including meningioma and astrocytoma** **Ali Hosseini Bereshneh,** Tehran University of Medical Sciences, Iran
15:10-15:30	**Title: The role of chromosomal abnormalities in spontaneous abortion and chromosome analysis importance** **Reyhane Sadat Saeedi,** Tehran University of Medical Sciences, Iran
15:30-15:50	**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 15:50-16:05 @ Foyer

Panel Discussion

Day 3 September 14, 2016

B2B and Networking Session @ 12:30-13:30



Bookmark your dates

9th International Conference on

Genomics & Pharmacogenomics

July 10-12, 2017 Chicago, USA

e-mail: genomics@conferenceseries.net; genomics@conferenceseries.com

Website: genomics.conferenceseries.com

Conference Series LLC
2360 Corporate Circle, Suite 400
Henderson, NV 89074-7722, USA
Ph: +1-888-843-8169
Fax: +1-650-618-1417
america@conferenceseries.com

Conference Series Ltd.
Traian Str., No.61, Constanta 900720,
Romania, Tel: 0805-080048
Heathrow Stockley Park Lakeside
House, 1 Furzeground Way, Heathrow,
UB11 1BD, United Kingdom
europe@conferenceseries.com

OMICS International
6th Floor, North Block, Divyasree
Building, Raidurg Hyderabad,
Telangana, INDIA-500032
Tel: +91-40-33432300
asiapacific@conferenceseries.com

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