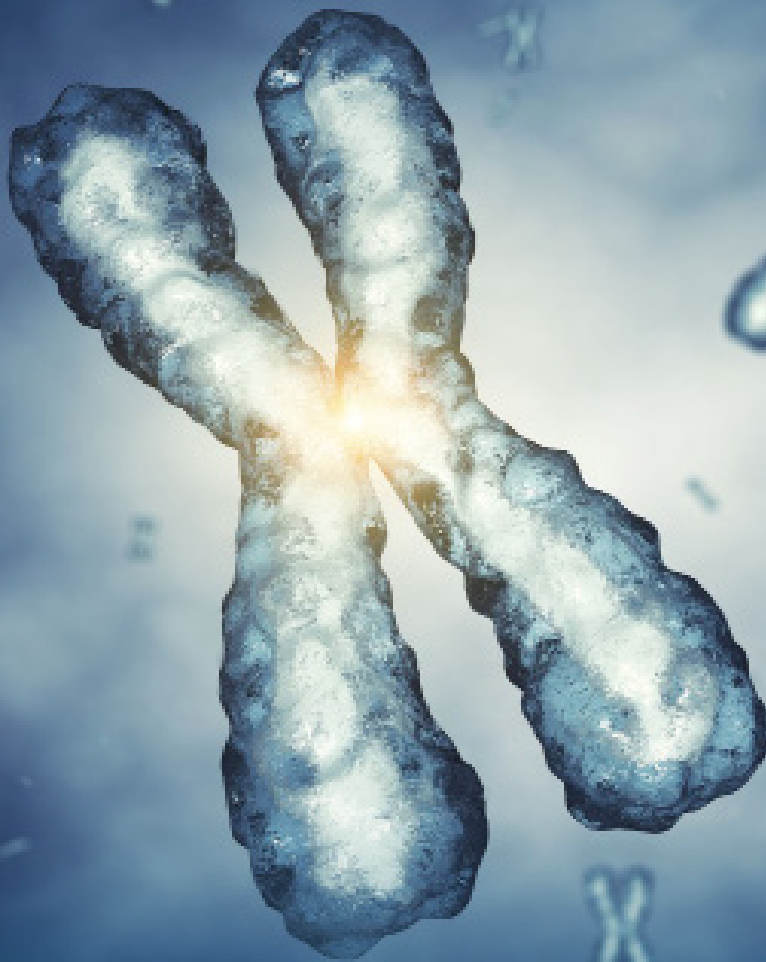


# Scientific Program

International Conference and Exhibition on

# Molecular Medicine and Diagnostics

August 24-26, 2015 London, UK



**OMICS International Conferences**

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# Scientific Program

Day 1

August 24, 2015

09:00-10:00 Registrations

## Kennedy Hall



10:00-10:30

## Opening Ceremony

### Keynote Forum

10:30-11:10

**Martin Fluck**

University Hospital Balgrist, Switzerland

### Group Photo

Networking & Refreshments 11:10-11:30 @ Orwell's Restaurant

Track 4: Molecular Biomarkers

Track 5: Evolution of Molecular Genomics

Track 6: Cancer Immunology and Oncology

Session Chair: Michael E Sughrue, University of Oklahoma, USA

Session Co-Chair: Dana L Abramovitz, SXSW, USA

### Session Introduction

11:30-12:00

**Genomic markers of prostate cancer**

Jianhua Luo, University of Pittsburgh School of Medicine, USA

12:00-12:30

**Tumor necrosis-initiated complement activation stimulates proliferation of medulloblastoma cells**

Michael E Sughrue, University of Oklahoma, USA

12:30-13:00

**Engineering customized anti-tumor immune response: Biology of MHC class I restricted TCR engineered CD4 T cells**

Arvind Chhabra, University of Connecticut Health Center, USA

### Lunch Break 13:00-14:00 @ Orwell's Restaurant

14:00-14:30

**Opening the conversation and inviting others to join– lessons learned from SXSW**

Dana L Abramovitz, SXSW, USA

14:30-15:00

**Identification of novel compounds that inhibit S100P and RAGE binding as a new therapy for pancreatic cancer**

Louise S Mackenzie, University of Hertfordshire, UK

15:00-15:30

**Clinical significance of markers of collagen metabolism in rheumatic mitral valve disease - a chronic acquired disorder that seeks greater attention**

Tanima Banerjee, CSIR-Indian Institute of Chemical Biology, India

15:30-16:00

**Roles of Akt-girdin signaling in cancer progression**

Masahide Takahashi, Nagoya University Graduate School of Medicine, Japan

### Networking & Refreshments 16:00-16:20 @ Orwell's Restaurant

16:20-16:50

**The association between ACE I/D polymorphism and the risk of Alzheimer's' disease in Lebanon**

Rajaa Fakhoury, Beirut Arab University, Lebanon

16:50-17:20 **A study on effect of lipemia on electrolyte measurement by direct ion-selective electrode method**

Susruta Sen, The Calcutta Medical Research Institute, India

**Panel Discussion**

**Day 2 August - 25, 2015**

**Kennedy Hall**

**Keynote Forum**

10:00-10:40 **Margaret A Wheatley**  
Drexel University, USA

**Networking & Refreshments 10:40-11:00 @ Orwell's Restaurant**

**Track 1: Molecular Medicine and Personalized Healthcare**  
**Track 2: Current Advances and Clinical Aspect of Molecular Medicine**  
**Track 3: Advanced Molecular Diagnostics**

**Session Chair: Vladislav S Baranov**, Russian Academy of Sciences, Russia

**Session Co-Chair: Yeng S Ang**, University of Manchester, UK

**Session Introduction**

11:00-11:30 **A novel approach for diagnostic imaging of invasive fungal infections**  
Arkady Mustaev, The State University of New Jersey, USA

11:30-12:00 **Clinical Next-generation sequencing for constitutional disorders and cancer management**  
Peter L Nagy, Columbia University Medical Center, USA

12:00-12:30 **Receptor structural analysis by single molecule nanoscopy: Potential for patient stratification and drug discovery**  
Marisa Martin-Fernandez, Rutherford Appleton Laboratory, UK

12:30-13:00 **Epigenetic landscape of Endometriosis**  
Vladislav S Baranov, Russian Academy of Sciences, Russia

**Lunch Break 13:00-14:00 @ Orwell's Restaurant**

14:00-14:30 **Exercise-induced muscle metabolism exposes genetic risk to develop diabetes**  
Martin Fluck, University Hospital Balgrist, Switzerland

14:30-15:00 **The ERK MAP kinase-PEA3/ETV4-MMP-1 axis is operative in oesophageal adenocarcinoma**  
Yeng S Ang, University of Manchester, UK

15:00-15:30 **The evolutionary expansion of nematode-specific glycine-rich secreted peptides**  
Muying Ying, Nanchang University, China

**Networking & Refreshments 15:30-15:50 @ Orwell's Restaurant**

15:50-16:20 **Complexity of tumor-stroma interactions and its importance for drug resistance**  
Juergen Dittmer, Martin Luther University Halle-Wittenberg, Germany

16:20-16:50 **Human parvovirus B19 infections have emerged but given a back seat: A pioneer work from India indicates high disease burden**  
Janak Kishore, Sanjay Gandhi Post-Graduate Institute of Medical Sciences, India

**Poster Presentations 16:50-17:50**

**Panel Discussion**

**Day 3 August-26, 2015**

**Kennedy Hall**

**Track 1: Molecular Medicine and Personalized Healthcare**  
**Track 7: Cancer Immunology and Oncology**  
**Track 8: Advanced Gene Therapeutics**  
**Track 9: Clinical Trials and Research in Cell and Genetic sciences**

**Session Chair: Ryou-u Takahashi**, National Cancer Center Research Institute, Japan

**Session Co-Chair: Vimal Karani S**, University of Reading, UK

**Session Introduction**

10:00-10:30 **Oncogenic function and early detection potential of miRNA-196 in head-neck cancer**  
Lu Ya-Ching, Chang Gung University, Taiwan

10:30-11:00 **Loss of microRNA-27b-mediated gene repression promotes the generation of breast cancer stem cells**

Ryou-u Takahashi, National Cancer Center Research Institute, Japan

**Networking & Refreshments 11:00-11:20 @ Orwell's Restaurant**

11:20-11:50 **From nutrigenetics to personalized nutrition**

Vimal Karani S, University of Reading, UK

11:50-12:20 **Methylation alterations of LINE-1 and imprinting genes related to folate deficiency during embryo development**

Li Wang, Capital Institute of Pediatrics, China

12:20-12:50 **New insights into the genetic diagnosis of male infertility: Y chromosome, ethnicity and sperm recovery**

Evguenia Alechine, University of Buenos Aires, Argentina

**Lunch Break 12:50-13:50 @ Orwell's Restaurant**

13:50-14:20 **Non-invasive imaging of human tissue using light**

Ashwani Kumar, Sant Longowal Institute of Engineering and Technology, India

14:20-14:50 **Hilbert Huang transform based EMG signal analysis for forearm movements and classification using ANN**

Raj Kumar, Sant Longowal Institute of Engineering and Technology, India

14:50-15:20 **Anti-tumorigenic function of the Esophageal cancer related gene 4 (Ecrq4)**

Toru Kondo, Hokkaido University Institute for Genetic Medicine, Japan

15:20-15:50 **Study of NGEP expression pattern in cancerous tissues provides novel insights into prognostic marker in prostate cancer**

Mohammad M Farajollahi, Iran University of Medical Sciences, Iran

15:50-16:20 **Fungal infection in intensive care and contribution of Aspergillosis serology**

Zakaria Benmansour, University of Es Senia, Algeria

16:20-16:50 **E-BABE- Active liver receptor inhibit hydrogen peroxide and B12 induced apoptosis in liver cancer cells**

Ahmed Samir Abdelhady, Al-Azhar University School of Biology, Egypt

**Panel Discussion**

**Award Ceremony**

**Bookmark your dates**

**2<sup>nd</sup> International Conference and Exhibition on**

**Molecular Medicine and Diagnostics**

**September 26-28, 2016 Miami, USA**

Website: [molecularmedicine.conferenceseries.com](http://molecularmedicine.conferenceseries.com)

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