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576th Conference

Scientific Program

7th World Congress on

Molecular Pathology

July 25-26, 2016 Melbourne, Australia

Conference Series LLC

2360 Corporate Circle, Suite 400 Henderson, NV 89074-7722, USA **Ph:** +1 702 508 5200 **Ext:** 8033

e-mail: molecularpathology@insightconferences.com; molecularpathology@conferenceseries.net

Day 1 July 25, 2016

09:30-10:00 Registrations

Hall Sunbury

conferenceseries.com 10:00-10:25 **Opening Ceremony**

Keynote Forum

10:25-10:30 **Introduction**

10:30-11:10 **Title: Utilisation of yeast to find compounds that promote cell health**
Ian Macreadie, RMIT University, Australia

Networking & Refreshment Break 11:10-11:30 @ Prefunction Area

11:30-12:10 **Title: Critical role of c-Abl in smooth muscle functions and asthmapathogenesis**
Dale D Tang, Albany Medical College, USA

Sessions

Molecular Genetics Pathology | Next Generation Sequencing in Molecular Pathology | Molecular Pathology in Cardiology | Molecular Pathology in Infectious Diseases | Molecular Pathology in Immunology and Vaccination | Molecular Pathology in Drug Development | Molecular Plant Pathology | Multidisciplinary Advances in Pathology

Session Chair: Dale D Tang, Albany Medical College, USA
Session Co-Chair: Bharat Thyagarajan, University of Minnesota, USA

Session Introduction

12:10-12:40 **Title: An integrated framework for detection of copy number variation and insertion/deletions using targeted next generation sequencing data**
Bharat Thyagarajan, University of Minnesota, USA

12:40-13:10 **Title: Aberrations in Wnt and notch signaling pathways in colorectal cancer**
Seow Heng Fong, Universiti Putra Malaysia, Malaysia

Lunch Break 13:10-14:00 at Vargus Restaurant

14:00-14:30 **Title: Connective tissue growth factor and a disintegrin and metalloprotease with thrombospondin motifs-7: A pair of substrate and protease critical for hepatic progenitor cell activation and alcohol induced liver injury**
Liya Pi, University of Florida, USA

14:30-15:00 **Title: Failure of redox homeostasis during prion infection**
Cathryn Haigh, The University of Melbourne, Australia

15:00-15:30 **Title: A comparison of the microbiomes of cystic fibrosis and bronchiectasis patient sputum by terminal restriction fragment length polymorphism and bacterial tag-encoded FLX ampliconpyrosequencing**
Honghua Hu, Macquarie University, Australia

Networking & Refreshment Break 15:30-15:50 @ Prefunction Area

15:50-16:20 **Title: Pharmacological modulation of autophagy and apoptosis in human osteoclasts in vitro**
Kencana Dharmapatni, The University of Adelaide, Australia

16:20-16:50 **Title: Impact of CYP3A5 and MDR1 gene polymorphisms on the dose and level of tacrolimus among living related liver transplanted patients**
Manal Kamal, Cairo University, Egypt

Panel Discussion 16:50-17:00

Day 2 July 26, 2016

Hall Sunbury

Elemental Approach of Molecular Pathology | Advances in Molecular Diagnosis | Molecular Biomarkers | Molecular Pathology in Cancer Diagnosis | Molecular Pathology in Neurological Disorders | Molecular Pathology in Viral Infection | Molecular Profiling | Molecular Imaging

Session Chair: Muhammad Israr Nasir, Liaquat National Hospital and Medical College, Pakistan

Session Introduction

10:15-10:45 **Title: Spectrum of HBV/HDV infection: Study from a tertiary care centre in Karachi, Pakistan**

M Israr Nasir, Liaquat National Hospital and Medical College, Pakistan

10:45-11:15 **Title: Application of immunohistochemistry and quantitative real time polymerase chain reaction to the study of tissue virus tropism in adult cattle infected with the bovine ephemeral fever virus**

Barigye Robert, United Arab Emirates University, UAE

Networking & Refreshment Break 11:15-11:35 @ Prefunction Area

11:35-12:05 **Title: Methylation profiles distinguish healthy oral mucosa from lesions**

Nina Milutin Gašperov, Ruđer Bošković Institute, Croatia

12:05-12:35 **Title: Discovery of keratin fusions and their functions in oral squamous cell carcinomas**

Jim JC Sheu, National Sun Yatsen University, Taiwan

12:35-13:05 **Title: Antibody 1A4 with routine immunohistochemistry demonstrates High Sensitivity for ALK rearrangement screening of chinese lung adenocarcinoma patients: A single-center large-scale study**

Qiushi Wang, Third Military Medical University, China

Lunch Break 13:05-14:05 at Vargus Restaurant

14:05-14:25 **Title: Micro RNA profiling in maternal blood of women with preterm and term delivery**

Immaculate Mbongo Langmia, University of Malaya, Malaysia

14:25-14:45 **Title: Alzheimer's disease: A challenge for new century**

Waqas Hussain, Air University, Pakistan

Followed by Poster Presentations at Tullamarine 15:30-16:30

Networking & Refreshment Break 15:45-16:00 @ Prefunction Area

Closing Ceremony

Recommended Global PATHOLOGY Conferences

USA & Americas

Pathology 2016, USA
Cytopathology 2016, USA
Forensic Pathology 2016, USA
Speech Pathology 2017, USA

Europe & Middle East

Euro Pathology 2016, Spain
Digital Pathology 2016, UK
Pathologists 2016, UK
Cytology 2016, UK

Asia Pacific

Molecular Pathology 2016, Australia
World Ophthalmology 2016, Australia
Vaccines Asia Pacific-2016, Australia
Asia-Pacific Oncologists 2016, Malaysia

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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
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
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