Scientific Program

5th International Congress on

Epigenetics & Chromatin

&

13th World

Biomarkers and Clinical Research Conference

August 22-23, 2019 | Vienna, Austria

DAY-1

August 22, 2019

Meeting Hall: **Wien 2**

08:30-08:50 Registrations

Opening Ceremony 08:50-09:00

KEYNOTE FORUM

Introduction

09:00-09:30 **Title: Genetic and epigenetic responses in gonads of male and female medaka fish to environmental hypoxia**
Richard Y C Kong, City University of Hong Kong, China

09:30-10:00 **Title: The formation of unmethylated chromatin compaction domains in embryonic stem cells and early development**
Richard Meehan, University of Edinburgh, Scotland

10:00-10:30 **Title: Aurora A overexpression in cancers**
Claude Prigent, University of Rennes, France

GROUP PHOTO

Networking & Refreshments 10:30-10:50 @ Foyer

10:50-11:20 **Title: Epigenomics and immunomics pipelines assisting minimal invasive diagnostics and biomarker development**
Andreas Weinhausel, AIT- Austrian Institute of Technology GmbH, Austria

11:20-11:50 **Title: Lean six sigma for clinical trials excellence and regulation**
Sunil Aggarwal, Master Black Belt in Lean Six Sigma, USA

Sessions: Epigenetics | Genetics & Epigenetic Inheritance | Genomics and Epigenetics Division | Epigenetics in Biotechnology & Developmental Biology | Plant Epigenetics | Bioinformatics/ Computational Analysis of Epigenetics

Chair: Richard Y C Kong, City University of Hong Kong, China

INTRODUCTION

11:50 - 12:10 **Title: Tip60 HAT/HDAC2 balance in neuroprotection of cognitive function in Alzheimer's disease**
Felice Elefant, Drexel University, USA

12:10 - 12:30 **Title: EMBH1 lncRNA is a major regulator of liver cancer**
Eleni Birli, Nottingham Trent University, UK

Lunch Break 12:30-13:30 @ MFifteen

13:30 - 13:50
Title: Maternal ZIC_2 regulates the organizer formation by epigenetically controlling WNT/B-catenin signaling
Azonpi Lemoge A. P, Universite Libre de Bruxelles, Belgium

13:50 - 14:10
Title: Differences in epigenetic response to drought stress in Festuca tatrae and Festuca amethystina in the common garden experiment
Przemysław Piotr Tomczyk, University of Lodz, Poland

14:10 - 14:30
Title: Identification of tumor-suppressive and oncogenic regulatory elements in the human genome using CRISPR-based functional genomic screens
Ran Elkon, Tel Aviv University, Israel

14:30 - 14:50
Title: Epigenetic alterations in high nitric oxide-adapted head and neck squamous cell carcinoma cell lines
Berna Demircan Tan, Istanbul Medeniyet University, Turkey

14:50 - 15:10
Title: The role of genetic and epigenetic factors in major depressive disorder
Merve Demirbugen Oz, Ankara University, Turkey

15:10 - 15:30
Title: Circulating miRNA signatures in childhood obesity
Senay Gorucu Yilmaz, Gaziantep University, Turkey

Networking & Refreshments 15:30 - 15:50 @ Foyer

Sessions: Biomarkers | Molecular Biomarkers | Discovery Of Biomarkers | Cancer Biomarkers | Clinical Biomarkers | Digital Biomarkers | Biomarkers based on Epidemiological Investigations | Cancer Research | Biomarkers Imaging and Dynamics

Chair: Claude Prigent, University of Rennes, France

INTRODUCTION

15:50 - 16:10
Title: Immunoassay of S-adenosylmethionine (SAM) and S-adenosylhomocysteine (SAH): Methylation index as a biomarker for diseased or healthy status
Xiujuan Hao, Central South University, China

16:10 - 16:30
Title: Characterization of DNA depleted plasma and evaluation of plasma based quality controls for specificity and sensitivity of cfDNA extraction
Yabin Lu, Anchor Molecular Inc., USA

16:30 - 16:50
Title: Comprehensive prenatal genetic screening and diagnosis using a novel single cell sequencing workflow
Ian Kavanagh, Apis Assay Technologies Ltd, UK

16:50 - 17:10
Title: Importance of serum thymus and activation-regulated chemokine (TARC) determination in classical Hodgkin lymphoma's (cHL) patients
Krisztina Kohalmy, National Institute of Oncology, Hungary

17:10 - 17:30
Title: MyomiRs, UTRN and TGFβ blood-transcriptome shifts detected in DMD patients and female carriers
Nahla O. Mousa, The American University in Cairo, Egypt

YOUNG RESEARCHERS FORUM

17:30 - 17:50 **Title: Ambient air pollution association with anemia prevalence and hemoglobin levels in Chinese older adult; cross section study from sage wave 1 who study on ageing and adult healthy**

Mona Elbarbary, The University of Sydney, Australia

POSTER PRESENTATIONS 17:50 @ FOYER

Panel Discussion

DAY-2

August 23, 2019

Meeting Hall: **Wien 2**

Networking & Refreshments @ Foyer

Awards & Closing Ceremony

Bookmark your Dates

14th World

Biomarkers and Clinical Research Conference

August 19-20, 2020 Paris, France

E: biomarkers@scientificscope.com

Website: biomarkers.euroscicon.com

6th International Congress on

Epigenetics & Chromatin

August 19-20, 2020 Paris, France

E: epigenetics@speakerresearch.org

Website: epigenetics.europeannualconferences.com