



# Scientific Program

5<sup>th</sup> International Congress on  
**Epigenetics &  
Chromatin**

&

13<sup>th</sup> 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

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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

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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<sub>2</sub> regulates the organizer formation by epigenetically controlling WNT/B-catenin signaling**  
**Azonpi Lemoige 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**

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**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

14<sup>th</sup> World

## Biomarkers and Clinical Research Conference

August 19-20, 2020 Paris, France

E: [biomarkers@scientificscope.com](mailto:biomarkers@scientificscope.com)  
Website: [biomarkers.euroscicon.com](http://biomarkers.euroscicon.com)

6<sup>th</sup> International Congress on

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Website: [epigenetics.europeannualconferences.com](http://epigenetics.europeannualconferences.com)