

4th International Congress on

Epigenetics & Chromatin

September 03-05, 2018 London, UK (Park Inn by Radisson London Heathrow)

Theme: Epigenetics: The Science of Change

Ageing, Animal, Cancer, Cardio, Environment, Forensic, Genetics, Medical, Neuroscience, Plant, Reproductive

Marvin H. Caruthers, University of Colorado, USA

DNA Analogues for CRISPER/CAS Fidelity and Exon Skipping

Michelle M. Hanna, Ribomed Biotechnologies, USA

Simultaneous measurement of MGMT methylation and determination of IDH1 R132H and CpG Island Methylator Phenotype (CIMP) in Gliomas using Coupled Absorption PCR Signaling (CAPS)

Jiangwen Zhang, University of Hong Kong, Hong Kong

Identification of DNA methylation of distal regulatory regions with causal effect on tumor genesis

Andreas Lennartsson, Karolinska Institute, Stockholm, Sweden

Epigenetic regulation of leukemia

Jung-Shin Lee, Kangwon National University, Republic of Korea

Transcriptional regulation by histone modifications using yeast model

Mickra Hamilton, Apeiron Center for Human Potential, USA

Epigenetics for Precision Health & Performance

Sriram Rajagopal, Jubilant Drug Discovery and Development Center, India

Synergistic Pharmacology: Targeting two epigenetic enzyme targets in a protein complex

Alexandra Lahtinen, University of Helsinki, Finland

DNA methylation changes associated with insufficient sleep in men

Celia M. Ross, Delaware Gerontology Institute, LLC USA

Writing about epigenetics for allied health professionals in gerontology

Danielle Gutman, University of Haifa, Israel

The Centenarian Epigenome: DNA Methylation and Chromatin Formation of the Oldest Old

Genevieve Housman, University of Chicago, USA

Primate skeletal epigenetics: Evolutionary implications of DNA methylation patterns and their phenotypic association in primate skeletal tissues

Marina Amorim Rocha, Unicamp, Campinas, SP

Valproic acid effects on DNA methylation during the cell cycle of HeLa cells

Alvaro Macieira-Coelho, French National Institute of Health, France

The decline of cancer incidence during organism senescence

Carlos A. Gonzalez, Hospital Muñiz, Buenos Aires, Argentina

Blood transfusion in patients with immune hematological problem

Shunsuke Suzuki, Shinshu University, Japan

Emergence of novel CpG islands and genomic imprinting in mammalian evolution

Stéphane Maury, University Orléans INRA, FRANCE

Role of epigenetic in tree phenotypic plasticity in a context of climate changes

Belinda Nedjai, Queen Mary University, Bart's and the London School of Medicine and Dentistry, UK

Methylation pattern switch between low and high grade cervical intraepithelial neoplasia: implications for progression models, robust triage, and cancer risk

Madonna R. Peter, University of Toronto, Canada

Detection of tumor-related DNA methylation biomarkers in liquid biopsies from metastatic castration resistant prostate cancer patients to improve treatment decisions

**** SPEAKER SLOTS ARE AVAILABLE ****

Marcela Chmelarova, University Hospital Hradec Kralove, Czech Republic

Role of DNA methylation in resistance to platinum-based chemotherapy in ovarian cancer cells

Muhammad Sharif Hasni, Karolinska Institute Sweden

Bivalent status of the CD20 promoter after valproate treatment in CLL patients

Tao Liu, The University of New South Wales, Australia

The histone H3K79 methyltransferase DOT1L regulates gene transcription and promotes neuroblastoma tumorigenesis

Xiaogang Steven Wang, York University, Canada

Robust Joint Statistical Tests for DNA Methylation Data

László Imre, University of Debrecen, Hungary

H2A.Z: stable or not stable that is the question

Péter Nánási, University of Debrecen, Hungary

Doxorubicin induces large-scale histone redistribution in live cells

Avner Shenfeld, Epigenetics Ltd, Israel

Activation of epigenetics pass way for improving traits in different cultivars

Mehrdad Noruzinia, Tarbiat Modares University, Iran

Whole epigenome modification: a new way for precise epigenome cure

Ondrej Topolcan, Charles University in Prague, Czech Republic
<i>Serum levels of markers in early detection of prostate</i>
Diego Clemente Lopez, Hospital Nacional de Paraplejicos, Spain
<i>FGF-2 as a new biomarker in multiple sclerosis: from the histopathology to the cerebrospinal fluid</i>
Taly Valerie, Centre Universitaire des Saints, France
<i>Tiny droplets to detect cancer Biomarkers</i>
Kam Man Hui, National Cancer Centre, Singapore
<i>Identification of blood-based molecular signatures to detect early human hepatocellular carcinoma</i>
Retnagowri Rajandram, University of Malaya, Malaysia
<i>Serum TRAF-1 as a biomarker for developing clear cell renal cell carcinoma</i>
Marija Krstic-Demonacos, University of Manchester, UK
<i>New approaches to personalised biomarker identification</i>
Alessio Naccarati, HuGeF - Human Genetics Foundation, Italy
<i>MicroRNA and colorectal cancer: variations in miRNA binding site, genome-wide miRNA methylation, and the use of miRNAs as cancer biomarkers in different tissues</i>
Jiri Polivka, Charles University in Prague, Czech Republic
<i>Mutations in IDH1 and its prognostic role for patients with glioblastoma</i>
Zhang Xiao Yan, Tongji University, China
<i>Prediction of multiple drug resistance phenotype in cancer cell lines using gene expression profiles</i>
Yingyan Yu, Cancer Shanghai Jiao Tong University, China
<i>A New Serum Biomarker IPO-38 Correlated with Diagnosis and Predicting Prognosis in Gastric</i>
Evi S Lianidou, University of Athens, Greece
<i>Circulating Tumor Cells as a real time Liquid Biopsy: Isolation and detection systems, molecular characterization and clinical applications</i>
Khalid S. Al-Numair, King Saud University, Saudi Arabia
<i>Pretreatment with morin, a flavonoid, ameliorates adenosine triphosphatases and glycoproteins in isoproterenol-induced myocardial infarction in rats</i>
Mukesh Verma, NIH, USA
<i>Biomarkers in cancer epidemiology and diagnosis: are we ready for the prime time?</i>
Bevin Gangadharan, Oxford Glycobiology Institute, UK
<i>New proteomic approaches for biomarker discovery: The search for novel liver fibrosis markers in hepatitis C patients</i>

Wayne Carter, University of Nottingham, UK
<i>Detection and identification of novel biomarkers of exposure to pesticides</i>
Amina Elgezeerya, King Saud University, Saudi Arabia
<i>Comet assay for testing the neurotoxic effect of orally administered propionic acid and induced gut bacterial imbalance: Protective potency of carnosine and carnitine</i>
Alexander Poletaev, P. K. Anokhin Institute of Normal Physiology, Russia
<i>Natural autoantibodies as markers of zny chronic disease</i>
Stephen Mortlock, Quest Diagnostics, UK
<i>Biomarkers as an alternative to endoscopy in the dyspeptic patient</i>
Monge Argiles, University General Hospital of Alicante, Spain
<i>Importance of the early diagnosis of alzheimer´s disease with biomarkers</i>
Leticia Cano, Biomarkers Profile Corporation, USA
<i>Identification of Pain Biomarkers Using Mass Spectrometry</i>
Poster Ricky, Emanuel University of Bedfordshire, UK
<i>Biomarker discovery in bisphenol Astimulated human breast cancer cells</i>
Marlena Szalata, Poznan University of Life Sciences, Poland
<i>Methylation level of HLA-E transgene in the xenogeneic tissues of transgenic pigs</i>
Tony Kouzarides, Gurdon Institute
<i>RNA modification pathways: their function and role in cancer</i>
Maria-Elena Torres-Padilla, Institute of Epigenetics and Stem Cells
<i>Epigenetic mechanisms in early mammalian development: a transposon shot</i>
Ali Shilatifard, Northwestern University
<i>Principles of epigenetics and chromatin in development and human disease</i>
Salvador Aznar Benitah, IRB Barcelona
<i>Epigenetic mechanisms in adult stem cells function</i>
Robert Schneider, University of Munich
<i>Novel players in chromatin</i>
Robert Sims, Constellation Pharmaceuticals
<i>Utilizing chemical biology to identify novel strategies targeting histone acetyl signaling in cancer</i>
Anne Ferguson-Smith, University of Cambridge
<i>Variable silencing of the repeat genome - implications for non-genetic inheritance</i>

Please Note:

Final content of this Scientific Program is subject to change

Venue & Accommodation

Park Inn by Radisson London Heathrow
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London is the capital city of England and the United Kingdom, and the largest city, urban zone and metropolitan area in United Kingdom, and the European Union by the most measures. Located on the River Thames, London has been a major settlement for two millennia, its history going back to its founding by the Romans, who named it Londinium. It is a leading global city, with strengths in the arts, commerce, education, entertainment, fashion, finance, healthcare, media, professional services, research and development, tourism and transport all contributing to its prominence. London has been described as a world cultural capital!

