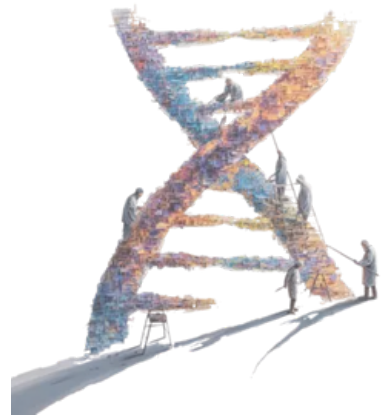


Scientific Program

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18th International Conference on **Human Genomics and Genomic Medicine**

November 17-18, 2025 | Paris, France

UK: Conference Series LLC Ltd
47 Churchfield Road, London, W36AY
WhatsApp: +447520640314

DAY-1

November 17, 2025

08:00-09:00 Registrations

Opening Ceremony 09:00-09:20

Keynote Forum

09:20-09:30 Introduction

09:30-10:10 **Title:** CpG Islands methylation alterations in cancer: Understanding the functional role of these security locks and their use as early tumour biomarkers

Patrizia Zavattari, Cagliari University, Italy

10:10-10:40 **Title:** The centers of premeltons signal the beginning and ends of genes

Henry M. Sobell, University of Rochester, USA

Group Photo: 10:40-10:50

Networking & Refreshment Break 10:50-11:10

11:10-11:50 **Title:** Biosimilar assessment: Quantitation of antibody variants and pharmacokinetic studies using peptide mapping LC-MS analysis

Jane Xiao, Axcel BioPartners, USA

Sessions: Genomics | Molecular Biology | Next Generation Sequencing | Structural Biology | Cancer Biology

Chair: Patrizia Zavattari, Cagliari University, Italy

Introduction

11:50-12:20 **Title:** Nkx2.5 regulates Nsd1 in response to oxidative stress in cardiac muscle cells
Yanyan Zhao, Shengjing Hospital of China Medical University, China

12:20-12:50 **Title:** The distinctiveness in diploid cultivars of Westerwolths ryegrass (*Lolium westerwoldicum* Breakw) revealed by fosfoglucoase-isomerase (PGI) and diaphorase (DIA) polymorphism

Maria Krzakowa, Adam Mickiewicz University, Poland

Lunch Break 12:50-13:50

13:50-14:20 **Title:** IL-17 induces the proliferation and migration of glioma cells through the activation of PI3K/Akt1/NF- κ B-p65

Wen Qiu, Nanjing Medical University, China

14:20-14:50 **Title:** The novel suppression of function mutation in the cardiac RyR2 channel presents an allosteric dose-dependent effect mechanism Yulia Einav, Holon Institute of Technology, Israel

14:50-15:20 **Title:** Expression profiles of biomineralization-related genes at different stages of pearl formation in Pinctada fucata Mariom, The University of Tokyo, Japan

Sessions: Biological Medicine | Biosimilars Pipeline

Chair: Jane Xiao, Axcel BioPartners, USA

15:20-15:50 **Title:** Reinvestment opportunities to enhance patient care Anusha Patel, Kettering General Hospital, UK

15:50-16:20 **Title:** Estimation of causal equivalence effects in clinical bioequivalence/biosimilar studies in the presence of intercurrent events: Noncompliance and missing data Wanjie Sun, FDA, USA

Networking & Refreshment Break 16:20-16:40

16:40-17:10 **Title:** Near-field enhancement SNOM-a forgotten directly higher resolving technique than stochastic ones Gerd Kaupp, University of Oldenburg, Germany

17:10-17:40 **Title:** Evaluation of an inverse molecular design algorithm in a model binding site Site for the In silico design of a YEATS2 gene blockador for the depletion of YEATS2 and its interactions between YEATS domain and acetylated histones for the reduction of the ATAC complex-dependent H3K9ac promoter levels targeting to the deactivation of the essential NSCLC genes Grigoriadis J, Greece

Panel Discussion

DAY-2

November 18, 2025

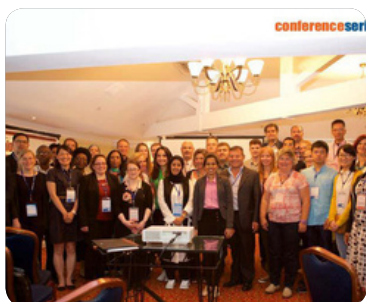
Keynote Forum

09:50-10:00 Introduction

10:00-10:40 **Title:** Rapid assembly of multi-gene pathways and combinatorial libraries with semiconductor technologies Cedric Wu, GenScript USA Inc., USA

Sessions: Molecular Biology | Biomarkers | Next Generation Sequencing | Plant Genomics and Molecular Plant Sciences

Glimpses of Human Genetics Series Conferences



Awards & Closing Ceremony