

Scientific Program

12th International Conference on
**Genomics and
Molecular Biology**
&
**12th European
Biosimilars Congress**

April 15-17, 2019 | Berlin, Germany

DAY-1

April 15, 2019

Meeting Hall: Sylt 1-2

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 @ Sylt Foyer

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 fosfoglucose-isomerase (PGI) and diaphorase (DIA) polymorphism**
Maria Krzakowa, Adam Mickiewicz University, Poland

Lunch Break 12:50-13:50 @ Restaurant Rienacker

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 @ Sylt Foyer

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 fo 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

April 16, 2019

Meeting Hall: Sylt 1-2

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

10:40-11:10 **Title: Prevalence of breast cancer intrinsic subtypes and its association with clinicopathological feature**
Rufina Soomro, Liaquat National Hospital and Medical College, Pakistan

Networking & Refreshment Break 11:10-11:30 @ Sylt Foyer

11:30-12:00 **Title: Thermal adaptation of yamame (*Oncorhynchus masou*) in normal condition after undergoing heat stress**
Waraporn Kraitavin, The University of Tokyo, Japan

12:00-12:30 **Title: Transgenic Mice brain imaging studies of Alzheimer's disease**
Chen Jenn-Tzong, Institute of Nuclear Energy Research, Taiwan

POSTER PRESENTATIONS 12:30-13:10 @ SYLT FOYER

Poster Judge: Patrizia Zavattari, Cagliari University, Italy

PC-01 **Title: The dynamics of genome-wide DNA methylation during heat stress in Arabidopsis thaliana**
Urszula Korotko, University of Silesia in Katowice, Poland

PC-02 **Title: Sublytic C5b-9 induces IL-23 and IL-36a production by glomerular mesangial cells via PCAF-mediated KLF4 acetylation in Rat Thy-1 nephritis**
Yingwei Wang, Nanjing Medical University, People's Republic of China

PC-03 **Title: The effect of *Anethum* on *Dyrk1B* gene expression in metabolic syndrom and Coronary artery disease**
Maryam Fathi, Arsanjan University, Iran

PC-04 **Title: The effects of *Zataria multiflora* extract on *Dyrk1B* gene expression in metabolic syndrome and Coronary artery disease**
Reza Naderipour, Arsanjan University, Iran

PC-05 **Title: Chemometrics in biosimilarity and stability assessment; Analytical review**
Basma M Eltanany, Cairo University, Egypt

PC-06 **Title: Comparative randomized, single dose, two-way crossover open label study to determine the bioequivalence of two formulations of Alfuzosin tablets**
Abdel Qader Al Bawab, Al-Zaytoonah University of Jordan, Jordan

Networking and Extended Lunch Break @ 13:10-14:10 @ Restaurant Rienacker

Panel Discussion

DAY-3

Day 3 April 17, 2019

Networking Lunch 12:30-13:30 @ Restaurant Rienacker

Awards & Closing Ceremony