

20th International Conference on

PHARMACEUTICAL BIOTECHNOLOGY

December 07-09, 2017 | Madrid, Spain



UK: Conference Series Ilc LTD

47 Churchfield Road, London, W3 6AY
Toll Free: +0-800-014-8923

Opening Ceremony

Keynote Forum

Introduction

Title: Mobilome and resistome analysis of canine multidrug resistant methicillin-Resistant *Staphylococcus sciuri* strain C2865 and comparative genomics of *S. sciuri* species group

Elena Gómez-Sanz, ETHZ, Switzerland

Title: Biomarkers and liver cancer process

Topolcan Ondrej, Charles University, Czech Republic

Session 1: Biomarkers | Cancer Biomarkers | Pathology Diagnosis

Session Chair: Wancai Yang, University of Illinois at Chicago, USA

Session Introduction

Title: Genetic and epigenetic alterations in chronic colitis malignant transformation

Wancai Yang, University of Illinois at Chicago, USA

Networking & Refreshment Break

Title: Genetic deficiency of PRSS8 causes mouse intestinal inflammation and tumors

Yonghua Bao, Jining Medical University, China

Title: Gastric Endoscopic Submucosal Dissection (ESD) as a treatment for early neoplasia and for accurate staging of early cancers in a UK Caucasian population

M Davenport, Salford Royal NHS Foundation Trust, UK

Title: The ERK MAP kinase-PEA3/ETV4-MMP-1 axis is operative in oesophageal adenocarcinoma

Yeng S Ang, Salford Royal University Hospital, UK

Session 2: Biopharmaceuticals | Computer Aided Drug Design (CADD) | Medicinal Chemistry in Modern Drug Discovery | Drug Metabolism and Drug Designing

Session Chair: Vladimir A Baulin, Universitat Rovira I Virgili, Spain

Title: Targeting viral membrane proteins *in silico*

Wolfgang B Fischer, National Yang-Ming University, Taiwan

Title: Crocin, a carotenoid pigment of saffron inhibits the replication of HSV and HIV *in vitro*

Sepehr Soleymani, Pasteur Institute of Iran, Iran

Group photo

Lunch Break

Title: RNAi-based tailored therapeutic strategies: Are we there yet?

Sukru Tuzmen, Eastern Mediterranean University, Turkey

Title: Anticancer efficacy of self-nanoemulsifying drug delivery system of sunitinib malate

Saad M Alshahrani, Prince Sattam Bin Abdulaziz University, Saudi Arabia

Title: Cucurbitacin B mitigates experimental autoimmune encephalomyelitis by inhibition of IL-17/IL-23 immune axis

Nima Sanadgol, University of Zabol, Iran

Title: Design strategies for nanoparticles translocating through lipid bilayers

Vladimir A Baulin, Universitat Rovira I Virgili, Spain

Session 3: Advance in Biomarkers Discovery | Biomarkers and Non Cancerous Diseases | Cell Free Biomarkers

Session Chair :Bodour Salhia, University of Southern California, USA

Title: Clinical utility of cell-free DNA methylation in managing breast cancer recurrence

Bodour Salhia, University of Southern California, USA

Networking & Refreshment Break

Title: Antiae a novel biomarker for cytodiagnosics

Elena V Pikuta, Athens State University, USA

Title: Prognostic biomarkers of Amyotrophic Lateral Sclerosis (ALS): A step forward in the understanding of the disease

Ana Cristina Calvo, University of Zaragoza, Spain

Title: Advances on flow cytometry and new immunophenotypic markers on AML diagnosis, prognosis determination and overall survival

Amanda Costa, Federal University of Sergipe, Brazil

Panel Discussion

Day 2 December 08, 2017

Keynote Forum

Introduction

Title: Cancer genomics and its role in human cancers

Jianhua Luo, University of Pittsburgh School of Medicine, USA

Title: Systems biology and metabolic engineering of microalgae for the production of pharmaceutical Amaryllidaceae alkaloids

Isabel Desgagné-Penix, Université du Québec à Trois-Rivières, Canada

Networking & Refreshment Break

Session 4: Cancer Biomarkers | Biomarkers & Immuno-Oncology | Biomarkers Detection & Discovery | Clinical Biomarkers | Advances in Biomarkers Discovery

Session Chair :Topolcan Ondrej, Charles University, Czech Republic

Title: Usage of metabolomics profile as biomarkers itself for diagnostic diseases

P G Lokhov, Institute of Biomedical Chemistry, Russia

Title: RhoGDI3, is this small molecular regulator key orchestrating the movement and tumor mass in PDAC?

Mercedes Piedad de León-Bautista, Central adn, Mexico

Title: PHI and prostate cancer - optimal management

Topolcan Ondrej, Charles University, Czech Republic

Title: PEA3/ETV4-related transcription factors coupled with active ERK signalling are associated with poor prognosis in gastric adenocarcinoma

Yeng S Ang, Salford Royal University Hospital, UK

Lunch Break

Title: Novel biomarker proteins for cancer: Impact on diagnosis, prognosis and treatment

Varda Shoshan-Barmatz, Ben-Gurion University of the Negev, Israel

Title: Soarfenib effect on human colon cancer cells HCT116 and HCT116 p53-/-

M Al Hassan, Beirut Arab University, Lebanon

Title: Diagnostic and prognostic microRNAs in the serum of breast cancer patients measured by droplet digital PCR

Sayda Omer Ebnaof, University of Khartoum, Sudan

Title: Association of Human Papilloma Virus with Head and Neck Cancer Patients from Khyber Pakhtunkhwa, Pakistan

Maimoona Sabir, University of Haripur, Pakistan

Poster Presentations Slot I

Poster Judge :Vladimir A Baulin, Universitat Rovira I Virgili, Spain

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| PB-01 | Title: Anticancer activity of <i>Osmanthus matsumuranus</i> extract by inducing G2/M arrest and apoptosis
Byung Woo Kim , Dong-Eui University, South Korea |
| PB-02 | Title: Anti-oxidative and anti-cancer activities of <i>Machaerium cuspidatum</i> extract
Soojung Jin , Dong-Eui University, South Korea |
| PB-03 | Title: Antioxidative and anticancer activities of <i>Julbernardia globiflora</i> extract
Hyun Ju Kwon , Dong-Eui University, South Korea |
| PB-04 | Title: Antioxidant and anticancer activities of <i>Sorbus rufopilosa</i> extract in human colon adenocarcinoma HT29 cells
You Na Oh , Dong-Eui University, South Korea |

- PB-05** **Title: Surface charge engineering of nitric oxide-releasing polymeric nanoparticles: Adhesion and anti-biofilm efficacy against wound infection associated MRSA biofilm in db/db mice**
Nurhasni Hasan, Pusan National University, South South Korea
- PB-06** **Title: Biotechnological studies on some plant species able to be used for the remediation of pharmaceutical industry's wastewater**
Ana Despina Ionescu, National Chemical-Pharmaceutical for Research and Development Institute, Romania
- PB-07** **Title: Layer-by-layer coated dexamethasone microcrystals for experimental inflammatory bowel disease therapy**
Murtada A Oshi, Pusan National University, South South Korea
- PB-08** **Title: Biosynthesis of levan by using the strain *Zymomonas mobilis* ATCC 10988 in static and shaking fermentation**
Angela Casarica, National Chemical-Pharmaceutical for Research and Development Institute, Romania
- PB-09** **Title: Haemostatic activity of butanol extracts of *Lamium album* and *Lamium purpureum***
Corina Bubueanu, National Institute for Chemical-Pharmaceutical R&D, Romania
- PB-10** **Title: An accelerator mass spectrometry-enabled micro-tracer study to evaluate the human mass balance of KD101, an anti-obesity drug under development**
Howard Lee, Seoul National University College of Medicine and Hospital, South Korea
- PB-11** **Title: Mebendazole in giardiasis: Systematic review and meta-analysis**
Pedro Almirall, Ministry of Public Health of Cuba, Cuba
- PB-12** **Title: A physiologically-based pharmacokinetic model adequately predicted the human pharmacokinetic profiles of YH4808, a novel potassium-competitive acid blocker, to treat gastric acid related diseases**
Hyun A Lee, Seoul National University, South Korea
- PB-13** **Title: Studies on extraction and utilisation of biologically active compounds from *Capsicum* genus in the pharmaceutical industry**
Roxana Madalina Stoica, National Institute for Chemical-Pharmaceutical Research and Development-ICCF, Romania
- PB-14** **Title: Comparative study on the growth and consumption curves of *Zymomonas mobilis* NCIB 1163 and *Z. mobilis* ATCC 10988, levan producer**
Georgiana Gabriela Iordache, National Chemical-Pharmaceutical for Research and Development Institute, Romania
- PB-15** **Title: Microdosing/microtracing clinical trials using accelerated mass spectrometry in clinical drug development**
Howard Lee, Seoul National University College of Medicine and Hospital, South Korea
- PB-16** **Title: Accelerator mass spectrometry-enabled microtracer study to evaluate the human mass balance of KD101: Method challenges for analysis of a volatile oil**
Howard Lee, Seoul National University College of Medicine and Hospital, South Korea

Networking & Refreshment Break

Poster Presentation Slot II

Poster Judge: Mercedes Piedad de León-Bautista, Central adn, Mexico

- WB 01** **Title: A framework for selecting analytical biomarkers: A first principles approach**
Samantha A Byrnes, Intellectual Ventures Laboratory, USA
- WB 02** **Title: Blood-based biomarkers of neuropsychiatric symptoms in Alzheimer's: Inflammation, vascular risks, gender and APOEε4 status**
James Hall, University of North Texas Health Science Center, USA
- WB 03** **Title: Expression of PD-L1 in relation to Human Papillomavirus (HPV) and p16 INK4a protein in primary and metastatic Squamous Cell Carcinomas of the Head and Neck (SCCHN)**
Dawn Sloane, Companion Diagnostics, USA
- WB 04** **Title: The fluctuations in homocysteine level caused by various combinations of folic acid cycle genes SNP alleles as a factor in the course of pregnancy violation**
Andrei V Ivanov, University Hospital of Saint-Petersburg State University, Russia
- WB 05** **Title: Cancer stem Cells as the target: Early detection for therapy**
Paola B Castro Garcia, University of Guadalajara, Mexico
- WB 06** **Title: Characterization of a microRNA expression signature associated with recurrence in oral cavity cancer patients**
Ashlin Ninibeth Lara-Holguin, National Cancerology Institute, Mexico

- WB 07** Title: **Gene expression profiling reveals novel candidate genetic biomarkers of ovarian carcinoma prognosis and metastasis**
Radka Vaclavikova, National Institute of Public Health, Czech Republic
- WB 08** Title: **Cardiac troponins and their predictive value of myocardial injury on model of chronic anthracycline cardiomyopathy**
Michaela Adamcova, Charles University in Hradec Králové, Czech Republic
- WB 09** Title: **RhoGDI3 and the novel role in carcinogenesis: Pancreatic Ductal Adenocarcinoma (PDAC)**
Rocío Thompson Bonilla, ISSSTE, Mexico
- WB 10** Title: **Serum EGF in non-small cell lung cancer: The biomarker value & the role of platelets**
Idania González-Pérez, Centre of Molecular Immunology, Cuba
- WB 11** Title: **Investigation of GGT5 and GGT7 mRNA expressions in patients with breast cancer**
Sevgi Yardim Akaydin, Gazi University School of Pharmacy, Turkey
- WB 12** Title: **Investigation of expression levels of DNA repair genes in molecular subtypes of breast cancer**
Ece Salihoğlu, Gazi University School of Pharmacy, Turkey
- WB 13** Title: **MicroRNA-9, MicroRNA-15b and MicroRNA-205 as biomarkers and metastasis regulators related to BRAF pathway genes in malignant melanoma**
Parisa Sahranavardfard, Royan Institute for Stem Cell Biology and Technology, Iran
- WB 14** Title: **The relationship of adiponectin, vitamin D, copper and zinc serum levels with rheumatoid arthritis**
Nahid Kianmehr, Iran University of Medical Sciences, Iran
- WB 15** Title: **UMELISA EGF®: The companion kit for CIMAvax-EGF® vaccine**
Idania González-Pérez, Centre of Molecular Immunology, Cuba
- WB 16** Title: **Fluorescence-conjugated CD166 Anti-peptide for detecting colorectal cancer stem-like tumor *in vivo***
Siao Syun Guan, Institute of Nuclear Energy Research, Taiwan
- WB 17** Title: **Biomarker of breast cancer using SVM algorithm based on WXS data**
Gyu-Bum Han, South Korea Advanced Institute for Science and Technology, South Korea
- WB 18** Title: **Measurement of serum EGF levels, a methodological approach: Learning what means low-/high concentration of EGF in serum-Clinical implications**
Idania González-Pérez, Centre of Molecular Immunology, Cuba

Panel Discussion

Day 3 December 09, 2017

Extending Networking & Lunch 12:30-13:30 @ SALAMANCA

Awards & Closing Ceremony