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Scientific Program

9TH WORLD BIOMARKERS CONGRESS &

20th International Conference on PHARMACEUTICAL BIOTECHNOLOGY

December 07-09, 2017 | Madrid, Spain



Conference Series - America

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conference**series**.com 09:00-09:10

Opening Ceremony

Keynote Forum

09:10-09:15 **Introduction**

Title: Mobilome and resistome analysis of canine multidrug resistant methicillin-Resistant

09:15-09:45 **Staphylococcus sciuri strain C2865 and comparative genomics of S. sciuri species group**

Elena Gómez-Sanz, ETHZ, Switzerland

09:45-10:15 **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

10:15-10:40 **Title: Genetic and epigenetic alterations in chronic colitis malignant transformation**

Wancai Yang, University of Illinois at Chicago, USA

Networking & Refreshment Break 10:40-10:55@ SALAMANCA

10:55-11:20 **Title: Genetic deficiency of PRSS8 causes mouse intestinal inflammation and tumors**

Yonghua Bao, Jining Medical University, China

11:20-11:45 **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

11:45-12:10 **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

12:10-12:35 **Title: Targeting viral membrane proteins *in silico***

Wolfgang B Fischer, National Yang-Ming University, Taiwan

12:35-13:00 **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 13:00-13:50@ SALAMANCA

13:50-14:15 **Title: RNAi-based tailored therapeutic strategies: Are we there yet?**

Sukru Tuzmen, Eastern Mediterranean University, Turkey

14:15-14:40 **Title: Anticancer efficacy of self-nanoemulsifying drug delivery system of sunitinib malate**

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

14:40-15:05 **Title: Cucurbitacin B mitigates experimental autoimmune encephalomyelitis by inhibition of IL-17/IL-23 immune axis**

Nima Sanadgol, University of Zabol, Iran

15:05-15:30 **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

15:30-15:55 **Title: Clinical utility of cell-free DNA methylation in managing breast cancer recurrence**
Bodour Salhia, University of Southern California, USA

Networking & Refreshment Break 15:55-16:10@SALAMANCA

16:10-16:35 **Title: Antiae a novel biomarker for cytodiagnosics**
Elena V Pikuta, Athens State University, USA

16:35-17:00 **Title: Prognostic biomarkers of Amyotrophic Lateral Sclerosis (ALS): A step forward in the understanding of the disease**

Ana Cristina Calvo, University of Zaragoza, Spain

17:00 -17:25 **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

09:55-10:00 **Introduction**

10:00-10:30 **Title: Cancer genomics and its role in human cancers**

Jianhua Luo, University of Pittsburgh School of Medicine, USA

10:30-11:00 **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 11:00-11:15@SALAMANCA

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

Session Chair :Topolcan Ondrej, Charles University, Czech Republic

11:15 -11:40 **Title: Usage of metabolomics profile as biomarkers itself for diagnostic diseases**
P G Lokhov, Institute of Biomedical Chemistry, Russia

11:40 -12:05 **Title: RhoGDI3, is this small molecular regulator key orchestrating the movement and tumor mass in PDAC?**

Mercedes Piedad de León-Bautista, Central adn, Mexico

12:05 -12:30 **Title: PHI and prostate cancer - optimal management**

Topolcan Ondrej, Charles University, Czech Republic

12:30 -12:55 **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 12:55-13:35@ SALAMANCA

13:35 -14:00 **Title: Novel biomarker proteins for cancer: Impact on diagnosis, prognosis and treatment**
Varda Shoshan-Barmatz, Ben-Gurion University of the Negev, Israel

14:00 -14:25 **Title: Soarfenib effect on human colon cancer cells HCT116 and HCT116 p53-/-**
M Al Hassan, Beirut Arab University, Lebanon

14:25 -14:50 **Title: Diagnostic and prognostic microRNAs in the serum of breast cancer patients measured by droplet digital PCR**

Sayda Omer Ebnaof, University of Khartoum, Sudan

14:50-15:15 **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 15:15-16:15 @ SALAMANCA

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

PB-01 **Title: Anticancer activity of *Osmanthus matsumuranus* 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 *Machaerium cuspidatum* extract**
Soojung Jin, Dong-Eui University, South Korea

- PB-03** **Title: Antioxidative and anticancer activities of *Julbernardia globiflora* extract**
Hyun Ju Kwon, Dong-Eui University, South Korea
- PB-04** **Title: Antioxidant and anticancer activities of *Sorbus rufopilosa* 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

Networking & Refreshment Break 16:15-16:30 @ SALAMANCA

Poster Presentation Slot II 16:30-17:45 @ SALAMANCA

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**

Bookmark your dates

13th WORLD BIOMARKERS CONGRESS

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