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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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Day 1 December 07, 2017

08:00-09:00 Registrations

Burgos

conferenceseries.com 09:00-09:10 **Opening Ceremony**

Keynote Forum

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

09:15-09:45 **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

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, Translational Genomics Research Institute, USA

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 cytodiagnostics** **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 orchestring 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 16:15-16:30 @ SALAMANCA

Awards & Closing Ceremony

Bookmark your dates

8th World Congress on Biopolymers

June 28-30, 2018 Berlin, Germany