Scientific Program

9TH WORLD BIOMARKERS CONGRESS &
20th International Conference on
PHARMACEUTICAL BIOTECHNOLOGY

December 07-09, 2017 | Madrid, Spain
## Keynote Forum

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution</th>
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<tbody>
<tr>
<td>09:10-09:45</td>
<td>Title: Mobilome and resistome analysis of canine multidrug resistant methicillin-Resistant Staphylococcus sciuri strain C2865 and comparative genomics of S. sciuri species group</td>
<td>Elena Gómez-Sanz, ETHZ, Switzerland</td>
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<tr>
<td>09:45-10:15</td>
<td>Title: Biomarkers and liver cancer process</td>
<td>Topolcan Ondrej, Charles University, Czech Republic</td>
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### Session 1: Biomarkers | Cancer Biomarkers | Pathology Diagnosis

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

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<tr>
<td>10:15-10:40</td>
<td>Title: Genetic and epigenetic alterations in chronic colitis malignant transformation</td>
<td>Wancai Yang, University of Illinois at Chicago, USA</td>
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<tr>
<td>11:20-11:45</td>
<td>Title: Genetic deficiency of PRSS8 causes mouse intestinal inflammation and tumors</td>
<td>Yonghua Bao, Jining Medical University, China</td>
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<td>11:45-12:10</td>
<td>Title: Gastric Endoscopic Submucosal Dissection (ESD) as a treatment for early neoplasia and for accurate staging of early cancers in a UK Caucasian population</td>
<td>M Davenport, Salford Royal NHS Foundation Trust, UK</td>
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<td>12:10-12:35</td>
<td>Title: Targeting viral membrane proteins in silico</td>
<td>Wolfgang B Fischer, National Yang-Ming University, Taiwan</td>
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<td>12:35-13:00</td>
<td>Title: Crocin, a carotenoid pigment of saffron inhibits the replication of HSV and HIV in vitro</td>
<td>Sepehr Soleymani, Pasteur Institute of Iran, Iran</td>
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### 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

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<tr>
<td>13:50-14:15</td>
<td>Title: RNAi-based tailored therapeutic strategies: Are we there yet?</td>
<td>Sukru Tuzmen, Eastern Mediterranean University, Turkey</td>
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<tr>
<td>14:15-14:40</td>
<td>Title: Anticancer efficacy of self-nanoemulsifying drug delivery system of sunitinib malate</td>
<td>Saad M Alshahrani, Prince Sattam Bin Abdulaziz University, Saudi Arabia</td>
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<tr>
<td>14:40-15:05</td>
<td>Title: Cucurbitacin B mitigates experimental autoimmune encephalomyelitis by inhibition of IL-17/IL-23 immune axis</td>
<td>Nima Sanadgol, University of Zabol, Iran</td>
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<tr>
<td>15:05-15:30</td>
<td>Title: Design strategies for nanoparticles translocating through lipid bilayers</td>
<td>Vladimir A Baulin, Universitat Rovira I Virgili, Spain</td>
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### 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 15:55-16:10@SALAMANCA

Title: Antiae a novel biomarker for cytodiagnosis  
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  
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

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

Title: RhoGDI3, is this small molecular regulator key orchestring the movement and tumor mass in PDAC?  
Mercedes Piedad de León-Bautista, Central adn, Mexico

11:40 -12:05  
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

12:05 -12:30  
Title: Usage of metabolomics profile as biomarkers itself for diagnostic diseases  
P G Lokhov, Institute of Biomedical Chemistry, Russia

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P G Lokhov, Institute of Biomedical Chemistry, Russia

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Mercedes Piedad de León-Bautista, Central adn, Mexico

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: Soarfentin 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 Ebnaoof, University of Khartoum, Sudan

14:25 -14:50  
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 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 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: 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-13 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

Networking & Refreshment Break 16:15-16:30 @ SALAMANCA
Poster Judge: Mercedes Piedad de León-Bautista, Central adn, Mexico
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

Title: Cancer stem Cells as the target: Early detection for therapy
Paola B Castro Garcia, University of Guadalajara, Mexico

Title: Characterization of a microRNA expression signature associated with recurrence in oral cavity cancer patients
Ashlin Ninibeth Lara-Holguin, National Cancerology Institute, Mexico

Title: Gene expression profiling reveals novel candidate genetic biomarkers of ovarian carcinoma prognosis and metastasis
Radka Vaclavikova, National Institute of Public Health, Czech Republic

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

Title: RhoGDI3 and the novel role in carcinogenesis: Pancreatic Ductal Adenocarcinoma (PDAC)
Rocio Thompson Bonilla, ISSSTE, Mexico

Title: Serum EGF in non-small cell lung cancer: The biomarker value & the role of platelets
Idania González-Pérez, Centre of Molecular Immunology, Cuba

Title: Investigation of GGT5 and GGT7 mRNA expressions in patients with breast cancer
Sevgi Yardim Akaydin, Gazi University School of Pharmacy, Turkey

Title: Investigation of expression levels of DNA repair genes in molecular subtypes of breast cancer
Ece Salihoğlu, Gazi University School of Pharmacy, Turkey

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

Title: The relationship of adiponectin, vitamin D, copper and zinc serum levels with rheumatoid arthritis
Nahid Kianmehr, Iran University of Medical Sciences, Iran

Title: UMEELISA EGF®: The companion kit for CIMAvax-EGF® vaccine
Idania González-Pérez, Centre of Molecular Immunology, Cuba

Title: Fluorescence-conjugated CD166 Anti-peptide for detecting colorectal cancer stem-like tumor in vivo
Siao Syun Guan, Institute of Nuclear Energy Research, Taiwan

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

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