Scientific Program

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

December 07-09, 2017 | Madrid, Spain
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
<th>Title</th>
<th>Speaker</th>
<th>Institution/University</th>
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<tr>
<td>08:00</td>
<td>Registrations</td>
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<tr>
<td>09:00</td>
<td>Opening Ceremony</td>
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<tr>
<td>09:10-09:15</td>
<td>Keynote Forum</td>
<td>Title: Mobilome and resistome analysis of canine multidrug resistant methicillin-Resistant</td>
<td>Elena Gómez-Sanz, ETHZ, Switzerland</td>
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<td>09:15-09:45</td>
<td></td>
<td>Title: Mobilome and resistome analysis of canine multidrug resistant methicillin-Resistant</td>
<td>Elena Gómez-Sanz, ETHZ, Switzerland</td>
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<td>09:45-10:15</td>
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<td>Title: Biomarkers and liver cancer process</td>
<td>Topolcan Ondrej, Charles University, Czech Republic</td>
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<td>09:15-10:40</td>
<td>Session 1: Biomarkers</td>
<td>Cancer Biomarkers</td>
<td>Pathology Diagnosis</td>
<td>Session Chair: Wancai Yang, University of Illinois at Chicago, USA</td>
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<td>10:15-10:40</td>
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<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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<td>10:40-10:55</td>
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<td>Networking &amp; Refreshment Break</td>
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<td>10:55-11:20</td>
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<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>11:20-11:45</td>
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<td>Title: Gastric Endoscopic Submucosal Dissection (ESD) as a treatment for early neoplasia</td>
<td>M Davenport, Salford Royal NHS Foundation Trust, UK</td>
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<td>11:45-12:10</td>
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<td>and for accurate staging of early cancers in a UK Caucasian population</td>
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<td>12:10-12:35</td>
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<td>Title: The ERK MAP kinase-PEA3/ETV4-MMP-1 axis is operative in oesophageal adenocarcinoma</td>
<td>Yeng S Ang, Salford Royal University Hospital, UK</td>
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<td>12:35-13:00</td>
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<td>Session 2: Biopharmaceuticals</td>
<td>Computer Aided Drug Design (CADD)</td>
<td>Medicinal Chemistry in Modern Drug Discovery</td>
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<td>13:00-13:50</td>
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<td>Lunch Break</td>
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<td>13:50-14:15</td>
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<td>Title: RNAi-based tailored therapeutic strategies: Are we there yet?</td>
<td>Sukru Tuzmen, Eastern Mediterranean University, Turkey</td>
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<td>14:15-14:40</td>
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<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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<td>14:40-15:05</td>
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<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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<td>15:05-15:30</td>
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<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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<td>15:00-15:30</td>
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<td>Session 3: Advance in Biomarkers Discovery</td>
<td>Biomarkers and Non Cancerous Diseases</td>
<td>Cell Free Biomarkers</td>
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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
Title: RhoGDI3, is this small molecular regulator key orchestrering 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

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

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

**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
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 GG5 and GG7 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: UMELisa 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

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
November 29-30, 2018 | Dublin, Ireland
E-mail: worldbiomarkers@oncologyseries.com

&

23rd International Conference on
PHARMACEUTICAL BIOTECHNOLOGY
December 10-11, 2018 | Rome Italy
E-mail: pharmabiotech@pharmaceuticalconferences.org