12th World Pharma Congress

October 16-18, 2017, Budapest, Hungary

Interactive Sessions  Keynote Lectures  Plenary Lectures  Workshops
Exhibitors  B2B Meetings

***For available speaker slots***
pharmacongress@pharmaceuticalconferences.org

http://world.pharmaceuticalconferences.com/
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>08:00-09:30</td>
<td>Registrations</td>
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<tr>
<td>09:30-10:00</td>
<td>Opening Ceremony</td>
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### Keynote Forum

<table>
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<th>Time</th>
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</table>
| 10:05-10:35   | **Title:** Licorice constituents activate the *in vitro* fertilization  
Yukihiro Shoyama, Nagasaki International University, Japan |
| 10:35-11:05   | **Title:** Solution-phase automated synthesis of an α-amino aldehyde as a versatile intermediate  
Takashi Takahashi, Yokohama University of Pharmacy, Japan |

### Group Photo

Networking Break 11:05-11:20

<table>
<thead>
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<th>Time</th>
<th>Title</th>
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</table>
| 11:20-11:50   | **Title:** The development of liver toxicity knowledge base to support the assessment of drug-induced liver injury risk in humans  
Minjun Chen, US Food and Drug Administration, USA |

### Session Introduction

**Sessions:**
- Natural Products
- Natural Products Chemistry
- Pharmacognosy & Phytochemistry
- Mass Spectroscopy
- Methods of Chromatography
- Natural Products Research & Drug Discovery
- Agriculture Chemistry
- Natural Products Research to Medicine

Session Chair: Yet to be Confirmed

**Session Co-Chair:** Yet to be Confirmed

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
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| 11:50-12:15   | **Title:** Anti-inflammatory effects of a PPAR-γ agonistic phthalimide analogue  
Jee H. Jung, Pusan National University, South Korea |
| 12:15-12:40   | **Title:** Anti-inflammatory activity of *Euphorbia Tithymaliodes L.* ethanol extract in lipopolysaccharide-stimulated RAW264.7 macrophages  
Seong Gu Hwang, Hankyong National University, South Korea |
| 12:40-13:05   | **Title:** New cytotoxic diels-alders type adducts from root cultures of *Morus Alba Var. Shalun*  
Rizki Fitriani, Bandung Institute of Technology, Indonesia |
| 13:05-13:30   | **Title:** STVNa, A promising medicine for cardiac protection  
Wen Tan, Guang Dong University of Technology, China |

Lunch Break 13:30-14:00

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<th>Time</th>
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| 14:00-14:25   | **Title:** The inhibitory effect of licorice roots on IFN-γ-mediated microglia stimulation and the reactive mouse splenic T cell responses  
Eun-Ju Yang, Kyungpook National University, Republic of Korea |
| 14:25-14:50   | **Title:** A new 1,3-dihydroxy-2-methyl-1H-benzofuro[2,3-b]chromen-11-one isolated from Abronia nana, inhibits high mobility group box-1 (HMGB1)-induced septic responses  
Kyung-Sik Song, Kyungpook National University, Republic of Korea |
| 14:50-15:15   | **Title:** Self-medication, practiced globally is an important public health problem  
Dnyanesh Limaye, University of Applied Sciences and Arts, Germany |
| 15:15-15:40   | **Title:** Isolation of Lycopodium alkaloids from thai and philippine *Huperzia Squarrosa* and syntheses of *Huperzine A* derivatives via amidation reaction  
Thanasan Nilsu, Chulabhorn Royal Academy of Science, Thailand |
| 15:40-16:05   | **Title:** Polydatin displays antitumour activity against murine melanoma *in vitro* and *in vivo*  
Maria Pia Fuggetta, Istituti Fisioterapici Ospitalieri, Italy |

Networking Break 16:05-16:20

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| 16:20-16:45   | **Title:** Multifunction of saffron and its component  
Yukihiro Shoyama, Nagasaki International University, Japan |

### Sessions

- Pharmacovigilance
- Drug Delivery Systems
- Regulatory Affairs

Session Chair: Yet to be Confirmed
### Title: ADR: Available pattern of adverse drug reaction report at the the National Pharmacovigilance Centre (NPC), Abuja, Nigeria

**Oyeneye Temitope K**, Drug Consult Pharmacy, Nigeria

### Title: Development and evaluation of sustained release alginate beads for delivery of self-emulsifying resveratrol

**Arpa Petchsomrit**, Prince of Songkla University, Thailand

### Title: Prospects, paradigm and drawbacks of paradigm shift from plant-derived drugs to synthetic drugs

**Md. Atiar Rahman**, University of Chittagong, Bangladesh

## Speaker Slots Available

### Day 2: October 17, 2017

### Keynote Forum

**Krisztina**

### Session Introduction

Agriculture Chemistry | Phytomedicine | Natural Products and Heterocyclic Chemistry | Biologically

**Session Chair:** Yet to be Confirmed

**Session Co-Chair:** Yet to be Confirmed

### Sessions:

**Pharmaceutical Sciences | Pharmaceutical Analysis | Drug Discovery and Research | Drug Therapy | **

**Session Chair:** Yet to be Confirmed

**Session Co-Chair:** Yet to be Confirmed

### Title: Isolation of male sterile and maintainer lines from north indian onion (*Allium Cepa L.*) populations with the aid of pcr based molecular marker

**Ajaz Ahmed Malik**, ICAR-CITH, India

### Title: Isolation of male sterile and maintainer lines from north indian onion (*Allium Cepa L.*) populations with the aid of pcr based molecular marker

**Geetika Malik**, ICAR-CITH, India

### Title: Sesquiterpene lactones of *Artemisia L.* endemic species

**Gayane Atazhanova**, National Academy of Sciences of the Republic of Kazakhstan, Kazakhstan

### Title: Antineuroinflammatory mechanism of 7-methoxyflavanone in lipopolysaccharide-stimulated BV2 microglia cells

**Zhao Qu**, Guangzhou University of Chinese Medicine, China

### Lunch Break 13:00-13:35

### Title: Modern tool of pathogenetic therapy as exemplified in application of antibodies to S100 protein in the released-active form

**Gulnara Kahakimova**, “NPF ”Materia Medica Holding”, Russia
### Title: Adverse drug reaction reporting in primary care in Kuwait: A comparative study between physicians and pharmacists

**Jacinthe Lemay**, Health Sciences Center, Kuwait University, Kuwait

### Title: Quality by Design (QBD), advances in pharmaceutical technology

**Buket Aksu**, Istanbul Kemerburgaz University, Turkey

**Networking Break 16:05-16:20**

### Title: Importance of data integrity in pharmaceuticals

**Raghunandan Hurulihalli**, JSS University, India

### Title: Hot-melt extrusion: A cost effective approach leading to enhancement of bioavailability and acceleration of drug product development process via turning poorly water soluble drugs into viable therapeutics

**Devendra Ridhurkar**, Egis Pharmaceuticals PLC, Hungary

### Speaker Slots Available

**Poster Presentation (Day 2) October 17, 2017**

**NPC01**

**Title:** Randomised, double blind, cross-over, placebo and active controlled human pharmacodynamic study on the influence of silver fir wood extract (Belinal) on post-prandial glycemic response

**Mateja Siršč, University Clinical Centre Maribor, Slovenia**

**NPC02**

**Title:**

**Wendy Soria Sotillo**, Lund University, Sweden

**NPC03**

**Title:** Randomised, double blind, cross-over, placebo and active controlled human pharmacodynamic study on the influence of silver fir wood extract (Belinal) on post-prandial glycemic response

**Tomaz Eisenhut**, University Clinical Centre Maribor, Slovenia

**NPC04**

**Title:** Evaluation of acute and subacute toxicity of *Colocasia esculenta* (Araeaceae): Preliminary study of leaves infected by *Phytophthora colocasiae* on wistar albinos rats

**Massoma Dieudonné**, University of Douala, Cameroon

**PS 01**

**Title:** Back pain and herniated disc linked to depression

**Zahra Daghighpoor**, Madaen Hospital, Iran

**PS 02**

**Title:** Optimization and validation of a fluorescent kinetic analysis for the measurement of An enzymatic activity of plasma dpp4

**Hyunyee Yoon**, Seoul National University Hospital and Biomedical Research Institute, South Korea

**PS 03**

**Title:** Need for orphan drug provisions in India

**Nagaraja S**, JSS University, India

**PS 04**

**Title:** Review and evaluation of regulatory process in not of standard quality drugs in India in comparison with Europe and USA

**Umesh S**, JSS University, India

**PS 05**

**Title:** Consistency of the drug-target proteins profile in human tumor tissues and cell lines of colorectal carcinomabased on the human protein database

**Yi-wen Zhang**, Zhejiang Cancer Hospital, China

### Award Ceremony

Please note that this is a tentative program. Timings in this program may subject to change.

For Speaker opportunities and related queries contact us at:

pharmacongress@pharmaceuticalconferences.org, pharmacongress@annualconferences.org
Glimpses of Pharma Congresses
Glimpses of Pharma Congresses
Major Scientific Sessions

- Pharmaceutical Sciences
- Drug Discovery & Research
- Drug Therapy
- Advances in Clinical Trials
- Drug Delivery Systems
- Pharmaceutical Drug Formulations
- Innovations in Drug Development
- Regulatory Affairs & Intellectual Property Rights
- Pharmacovigilance

- Good Manufacturing Practices
- Ethics In Pharmacy
- Pharmacy & Pharmacist
- Drug Disposition & Biological Products
- Pharmaceutical Analysis
- Pharma Marketing
- Bio-availability and Bio-equivalence
- Entrepreneurs Investment

Best Poster Award

- You will be given about 5-7 minutes to present your poster including questions and answers. Judges may pose questions during the evaluation of the poster
- Judges will even evaluate the student’s enthusiasm towards their study, interest and knowledge in the area of their research
- The winners will be announced at the closing ceremony of the conference. The decision of the winner will be withdrawn if the winner/winners is/are not present at the time of announcement
- Apart from the judging time you may also be present at the poster to share your research with interested delegates

Young Researchers Forum

- Present your research through oral presentations
- Learn about career development and the latest research tools and technologies in your field
- This forum will give pertinent and timely information to those who conduct research and those who use and benefit from research
- Develop a foundation for collaboration among young researchers
- The forum will provide an opportunity for collegial interaction with other young investigators and established senior investigators across the globe
- Interact and share ideas with both peers and mentors

General Queries

pharmacongress@pharmaceuticalconferences.org

Conference Venue

Hotel Mercure Budapest Buda
Krisztina körút 41-43.
1013 Budapest, Hungary
Best Tourist Destinations in Budapest

- Basilica
- Budapest Outer Ring
- Budapest Castle Hill
- City Woodland Park
- Gellert Hill
- Hero Square
- National Museum
- Margaret Bridge
- Margaret Island
About Budapest

Budapest is the capital and most populous city of Hungary, one of the largest cities in the European Union and sometimes described as the primate city of Hungary.

It is both a city and county, and forms the centre of the Budapest Metropolitan Area, which has an area of 7,626 square kilometres (2,944 square miles) and a population of 3.3 million, comprising 33 percent of the population of Hungary. Budapest became a single city occupying both banks of the Danube river with the unification of Buda and Óbuda on the west bank, with Pest on the east bank on November 17, 1873.

Budapest is an Alpha- global city, with strengths in the arts, commerce, design, education, entertainment, fashion, finance, healthcare, media, services, research, and tourism. Its business district hosts the Budapest Stock Exchange and the headquarters of the largest national and international banks and companies. Budapest is a leading R&D and financial centre in Central and Eastern Europe, and the city has a gross metropolitan product more than $100 billion in 2015, making it one of the largest regional economies in the European Union. It is the highest ranked Central and Eastern Europe city on Innovation Cities Top 100 index.

Budapest is cited as one of the most beautiful cities in Europe. Among Budapest’s important museums and cultural institutions, the most visited art museum is the Museum of Fine Arts, as well as the Hungarian National Gallery, which is noted for one of the largest collections of all periods of European art and comprises more than 100,000 pieces.

Budapest has architecturally noteworthy buildings in a wide range of styles and from distinct time periods, from the ancient times as Roman City of Aquincum in Óbuda (District III), which dates to around 89 AD, to the most modern Palace of Arts, the contemporary arts museum and concert hall.
Scientific Program

4th International
Pharma & Clinical Pharmacy Congress
November 07-09, 2016  Las Vegas, Nevada, USA
### Day 1  November 07, 2016

**Conference Hall**

**Keynote Forum**

#### Introduction

**Title:** The Search for genomic markers for Coffee Consumption  
Roseane M Santos, South University School of Pharmacy, USA

**Title:** Molecular targets of \( \beta \) lactams – beyond the usual suspects  
Monika I Konaklieva, American University, USA

#### Panel Discussion

**Group Photo & Networking & Refreshment Break**

#### Sessions: Clinical Pharmacy and Drug Reactions | Clinical Pharmacy and Its Key Role in Treatment

**Session Chair:** Sylvia Shaw, Rancho Los Amigos National Rehabilitation Center, USA  
**Session Co-chair:** Jingwen Wang, Xiijing Hospital, China

**Title:** The Iraqi board of clinical pharmacy  
Haydar Al-Tukmagi, Baghdad College of Pharmacy, Iraq

**Title:** Exploration and construction of clinical pharmacist training innovation mode in China  
Jingwen Wang, Xiijing Hospital, China

**Title:** Evaluation of a probable regulatory network between CYP1A1, CYP1A2 fragment and AHR on coffee consumption  
Roseane M Santos, South University School of Pharmacy, USA

**Title:** Advanced clinical pharmacy system in a reformed hospital in China aiming to improve the quality of patient care and to enhance the job satisfaction of the clinical pharmacists  
Christina Yuen Ki Leung, The University of Hong Kong-Shenzhen Hospital, China

#### Lunch Break

**Title:** Potentiation of gentamicin induced nephrotoxicity by molsidomine in rats  
Sabah H. Akrawi, King Faisal University, Saudi Arabia

**Title:** Aroma Niche: New innovative opportunities related to aromatherapy in the United Arab Emirates (UAE)  
Rahaf Ajaj, United Arab Emirates University, United Arab Emirates

**Title:** Insights into the ethnomedicinal applications of Aerva javanica with scanning electron microscope (SEM) Photos  
Suzan Marwan Ramadan Shahin, United Arab Emirates University, United Arab Emirates

**Title:** IDS-iontophoretic delivery of Sumatriptan-trials, tribulations but little triumph: A perspective  
Sara Louise Joe, There’s a Pharmacist in the House LLC, USA

#### Networking & Refreshment Break

### Day 2  November 08, 2016

**Conference Hall**

**Keynote Forum**

#### Keynote speech by

**Ayman Noreddin,** Chapman University, USA

#### Sessions: Pharmaceutical Oligosaccharide Sensing by a Chemical Approach | Hemostasis property of Malian herbal plant used to manage bleeding event

**Session Chair:** Monika I Konaklieva, American University, USA  
**Session Co-chair:** Christina Yuen Ki Leung, The University of Hong Kong-Shenzhen Hospital, China

**Session Introduction**

**Networking & Refreshment Break @ 11:05-11:20**
Title: Addressing inpatient polypharmacy: A multidisciplinary team intervention to improve patient safety
Stefan Bughi, Rancho Los Amigos National Rehabilitation Center, USA

Title: AP-PRP-1 antiplatelet properties of proline rich polypeptide-1 (PRP-1)
Emma Yeritsyan, Yerevan State Medical University, Armenia

Panel Discussion
Lunch Break 13:00-14:00

Title: Depression among patients with diabetic foot in Jordan
Mervat Alsous, Applied Science University, Jordan

Title: Efficiency and safety of combining silybin, lipoteichoic acid and selenomethionine in the treatment of non-alcoholic fatty liver
Daniel Roberto Magdaleno Rodriguez, Instituto Politecnico Nacional, Mexico

Title: Randomized controlled clinical trial open to 24 weeks of efficiency and safety in outpatient with obesity grade I and II treated with Clobenzorex vs. Clobenzorex with melatonin
Pamela Georgina Avila Lamadrid, Instituto Politecnico Nacional, Mexico

Title: Hydroquinone and its derivatives in treatment of hyperpigmentation
Antonios Ramsis Mikhaeel, Muscat Dermatology & Laser Center, Oman

Video Presentation

Nanotechnology and Microfluidics for Pharmaceutical Applications
H Hongbo Åbo, Akademi University, Finland

Panel Discussion

Networking & Refreshment Break

Day 3  November 09, 2016
Poster Presentations

CP-001
Title: Overcoming multidrug drug resistance in P-glycoprotein/MDR1 over-expressing cell lines by marine derived compound, CSS
Dong-Hwan Lee, Pusan National University Hospital, Republic of Korea

CP-002
Title: Antimicrobial and antioxidant activities of extracts and isolated compound from Cola nitida (Vent) Schott et Endl seed
Adesanwo K Julius, Obafemi Awolowo University, Nigeria

CP-003
Title: Dexmedetomidine population pharmacokinetics, adverse reactions and their relationship with blood levels in pediatric patients
Maria-Gabriela Perez-Guille, National Institute of Pediatrics, Mexico

CP-004
Title: A comparative study on efficacy of polymyxin B, neomycin and polymyxin B, neomycin, hydrocortisone in the treatment of Otitis externa
Mayuri Gupta Pathak, Patan Academic of Health Science, Nepal

CP-005
Title: Cost-effectiveness analysis of additional Bevacizumab to chemotherapy for malignant pleural mesothelioma from a Chinese perspective
Mei Zhan, West China Hospital, China

CP-006
Title: Non-transpeptidase binding azy-thioether β-lactams active against Mycobacterium tuberculosis
Monika I Konaklieva, American University, USA

CP-007
Title: Efficiency of computerized warning system reduces polypharmacy in the elderly
Wan-O Chu, Taipei City Hospital, Taiwan

CP-008
Title: Determination of some nitroaromatic compounds and some related pharmaceutical compounds using flow injection-chemiluminescence method
Wshar Ali Ismael, Salahaddin University, Iraq

CP-009
Title: Evaluation of intestinal permeability and efflux of lamivudine using ex vivo method in Franz cells
Andre Bersani Dezani, University of Sao Paulo, Brazil

CP-010
Title: Solubility characterization of didanosine using shake flask and intrinsic dissolution methods: application for biopharmaceutical classification
Cristina Helena dos Reis Serra, University of Sao Paulo, Brazil

CP-011
Title: Permeability study using the Single-Pass Intestinal Perfusion in rats: Is the zidovudine a substrate for P-gp?
Thaisa Marinho Dezani, University of Sao Paulo, Brazil

Networking & Refreshment Break
B2B Meetings, Extended Networking
Lunch Break

Award & Closing Ceremony
<table>
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<tr>
<th>Keynote Forum</th>
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| **Title:** Velvet revolution in biomarkers: Transforming and scaling the art of flow cytometry for the omics age  
*Anka G. Ehrhardt*, Bristol-Myers Squibb Company, USA |
| **Title:** Favorable for drug candidates the CT properties of Alkylamino Pyridine N-oxides in solution  
*Anna Szemik-Hojniak*, University of Wroclaw, Poland |
| **Title:** The effect of dietary Boron on learning and behavior in rats given Boric acid  
*Hulya Ozdemir*, Yuzuncu Yil University, Turkey |
| **Title:** Dried blood spot sampling in combination with LC-MS/MS for clinical pharmacokinetic study and therapeutic drug monitoring  
*Yahdiana Harahap*, Universitas Indonesia, Indonesia |

**Sessions:**  
- Pharmacognosy & Phytochemistry  
- Novel Drug Delivery System  
- Pre-formulation Studies  

**Session Chair:** Rajarajeshwari, Visveswarapura Institute of Pharmaceutical Sciences, India  
**Session Co-Chair:** Namita Naik Khanvte, Visveswarapura Institute of Pharmaceutical Sciences, India  

**Title:** Artemisia plants are deadly weapons against malaria  
*Pierre Lutgen*, IFBV-BELHERB, Luxembourg  
**Title:** Antidiabetic, anti-lipoperoxidation and hepatoprotective activities of Fraxinus angustifolia and Pistacia lentiscus extracts  
*Djebbar Atmani*, University of Bejaia, Algeria  

**Title:** Antimicrobial activity and identification of chemical compounds of secondary metabolites bio production of Endophytic fungi from Jamblang (Eugenia cumini L.)  
*Shirly Kumola*, Pancasila University, Indonesia  
**Title:** Physicochemical and pharmaceutical properties of HEA-HEMA hydrogels  
*I.Ermolina*, De Montfort University School of Pharmacy, Leicester, UK  
**Title:** Hepatoprotective activity of the Ethanolic extract of C. flammula against Paracetamol toxicity in mice  
*Atmani-Kilani Dina*, University of Bejaia, Algeria  

**Sessions:**  
- Genetics & Genetic Engineering  
- Nanotechnology  
- Bio-Pharmaceutics  
- Hospital Pharmacy  

**Session Chair:** Anka G. Ehrhardt, Bristol-Myers Squibb Company, USA  
**Session Co-Chair:** Arik Dahan, Ben-Gurion University of the Negev, Israel  

**Title:** The effect of Resveratrol therapy on serum total Sialic acid and lipid-bound Sialic acid in male rats with chronic fluorosis  
*Hulya Ozdemir*, Yuzuncu Yil University, Turkey  

**Title:** Pharmacogenetics research in different disease models: Genetic diversity in an ethnic admixture population  
*Adalberto Rezende Santos*, Oswaldo Cruz Institute, Brazil  
**Title:** Formulation insulin nanoparticle using Chitosan and Pectin Polymers and their pharmacokinetic profile with oral application  
*Ronny Martien*, Gadjah Mada University, Indonesia  
**Title:** Self-Nanomulsifying Self-Nanosuspension (SNESNS) for enhancing oral bioavailability of Diacerein: Simultaneous portal blood absorption and lymphatic delivery  
*Emad B. Basalious*, Cairo University, Egypt  

**Title:** Advanced clinical pharmacy system in a reformed hospital in China aiming to improve the quality of patient care and to enhance the job satisfaction level for the clinical pharmacists  
*Christina Yuen Ki Leung*, The University of Hong Kong, HongKong  

**Panel Discussion**
Day 2    July 19, 2016
Esperanto I

Keynote Forum

Title: Science and business drivers in clinical biomarkers: Focus on innovation and quality
Anka G. Ehrhardt, Bristol-Myers Squibb Company, USA

Title: The solubility-permeability interplay in formulation development for low-solubility drugs
Arik Dahan, Ben-Gurion University of the Negev, Israel

Title: Impact of HLA-class I alleles on response to HCV treatment in a cohort of Egyptian patients
Howayda Ezz El Din Gomaa, National Research Centre, Cairo-Egypt

Title: Personalized medicine for resistant cancer-A potential new role for herbal medicine
Moses S. S. Chow, Western University of Health Sciences, USA

Networking Break:

Title: Implications of segmental-dependent intestinal permeability in oral drug delivery
Arik Dahan, Ben-Gurion University of the Negev, Israel

Title: Artemisia afra will save Africa
Pierre Lutgen, IFBV-BELHERB, Luxembourg

Sessions:
Industrial Pharmacy | Pharma Manufacturing | Pharmaceutical Chemistry | Types Of Pharmaceutical Formulation | Pharmacological Sciences

Session Chair: Moses S. S. Chow, Western University of Health Sciences, USA
Session Co-Chair: Anna Szemik-Hojniak, University of Wroclaw, Poland

Title: EU GMP changes – impact on cleaning and process validation
Walid El Azab, STERIS Life Sciences, Belgium

Lunch Break @ Element I+II Restaurant

Title: Gum arabic acacia for manufacturing of hard & soft empty capsule shell in Sudan 2011
Suad Yousif Abdalla Alkarib, University of Karary, Sudan

Title: Analysis of Valproic acid with dried blood spot method by ultra-performance liquid chromatography – mass spectrometer
Yahdiana Harahap, Universitas Indonesia, Indonesia

Title: QRT-AAGEL-Quantitative Real Time PCR analysis of apoptotic gene expression in chronic lymphocytic leukemia patients and their relationships with chemosensitivity
Hiwa K. Saaed, University of Sulaimani School of Pharmacy, KRG-Iraq

Title: Evaluation of the ease of taking mini-tablets compared with other tablet formulations in healthy volunteer
Shinya Uchida, University of Shizuoka, Japan

Title: Implications of segmental-dependent intestinal permeability in oral drug delivery
Arik Dahan, Ben-Gurion University of the Negev, Israel

Title: Artemisia afra will save Africa
Pierre Lutgen, IFBV-BELHERB, Luxembourg

Young Research Forum

Title: Regucalcin protects HepG2 cells from Doxorubicin-induced apoptosis and Autophagy
Noor Mohammed, University of Birmingham School of Bioscience, Iraq

Title: MUC1-MBP/BCG anti-tumor vaccine, an attractive anti-tumor vaccine
Juan Wang, Jilin University School of Pharmacy, China

Title: Identification of potentially conserved microRNAs in Calendula officinalis using homology-based approaches
Maria Sala-Cîrtog, University of Medicine and Pharmacy Victor Babes, Romania

Poster Presentations from

EPC001
Title: The anti-inflammatory activity of Ginsenoside Rg3-enriched red Ginseng extract in RAW264.7 cells and protect LPS-induced septic shock in mice
Man Hee Rhee, Kyungpook National University, Republic of Korea

Title: Antiprotozoal and anthelmintic Naphththoquinones from Diospyros Crumenata
Rajarajeshwari.N, Visveswarapura Institute of Pharmaceutical Sciences, India

Title: Fruity chews for anthelmintic delivery
Namita Naik Khanvte, Visveswarapura Institute of Pharmaceutical Sciences, India

Title: Flavonoid enriched dentifrice
N.R. Sneha Keerthi, Visveswarapura Institute of Pharmaceutical Sciences, India
EPC005  Title: Reviewing drug package inserts available in UAE for FDA recommended pharmacogenomic information

Anoop K. Agarwal, Gulf Medical University, Ajman, United Arab Emirates

EPC006  Title: Acid Black 210' dye has no mutagenicity even after metabolic activation

Otavio Pelegrino Rocha, University of São Paulo, 14040-903, Brazil

EPC007  Title: Identification and quantification of a new genotoxic product of degradation in a synthetic Opioid partial agonist analgesic

Imoudache Hicham, Blida University of Medicine/Research and Development Center of SAIDAL

EPC008  Title: Gum Arabic Acacia for manufacturing of tablet & pellets coating materials

Waddah Faroug Hassan Mohamed Nour, National Medicine & Poisons Board, Sudan

EPC009  Title: Identification and quantification of a new genotoxic product of degradation in a synthetic Opioid partial agonist analgesic

Imoudache Hicham, Blida University of Medicine/Research and Development Center of SAIDAL

EPC010  Title: Investigation of antihyperglycemic effect of Peganum Harmala Seeds (Zygophyllaceae) on Streptozotocin diabetic rats

Karima Arar, Blida University of Medicine/Research and Development Center of SAIDAL

EPC011  Title: Improved utilization pattern and decreasing the direct cost of albumin by pharmacist interventions at an oncology hospital in Iran

Maral Rashidi, Shiraz University School of Pharmacy, Shiraz, Iran

EPC012  Title: TDM-CsAKTR- Therapeutic drug monitoring of oral cyclosporine after kidney transplantation

Hiwa K. Saaed, University of Sulaimani School of Pharmacy, KRG-Iraq

EPC013  Title: Analysis of 32 toxic natural substances in herbal products by liquid chromatography quadrupole linear ion trap mass spectrometry

Lan Eng, Low, Health Sciences Authority, Singapore

EPC014  Title: Amorphous solid dispersion (ASD) formulation of the low-solubility drug Rifaximine allows overcoming the solubility-permeability tradeoff

Avital Beig, Ben-Gurion University of the Negev, Israel
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<td>Keynote Forum</td>
<td>Introduction</td>
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<td><strong>Solomon Habtemariam</strong></td>
<td>University of Greenwich, UK</td>
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<td><strong>Abdalla Omar</strong></td>
<td>Alexandria University, Egypt</td>
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<td><strong>Alfredo E Rodriguez</strong></td>
<td>Otamendi Hospital, Argentina</td>
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<td><strong>Anna Szemik-Hojniak</strong></td>
<td>University of Wroclaw, Poland</td>
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<td>Networking &amp; Refreshments</td>
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<td>Lunch Break</td>
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<td><strong>In silico screening to discover inhibitors of protein-protein interactions targeting angiogenesis</strong></td>
<td>Maria A Miteva, University Paris Diderot, France</td>
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<td><strong>Metabolic control of the TCA cycle by the Ydcl transcriptional regulator in Escherichia coli</strong></td>
<td>Youusuke Nishio, Institute for Innovation, Japan</td>
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<td><strong>Molecular Hydrogen as a novel antioxidant: Overviews of the advantages of Hydrogen for medical applications</strong></td>
<td>Shigee Ohta, Nippon Medical School, Japan</td>
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<td><strong>Neuroprotective effect of modified Chungsimyeolda-Tang, a traditional Korean herbal formula, via autophagy induction in models of Parkinson's disease</strong></td>
<td>Hyun Ok Yang, Korea Institute of Science &amp; Technology, Republic of Korea</td>
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<td></td>
<td><strong>Cancer stem cells targeted delivery of siRNA to overcome induced chemoresistance</strong></td>
<td>Wei Duan, Deakin University, Australia</td>
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<td>Networking &amp; Refreshments</td>
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<tr>
<td></td>
<td>Title: <strong>Cellular and molecular actions of growth factors</strong></td>
<td>Mahmoud Balbaa, Alexandria University, Egypt</td>
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<td></td>
<td><strong>Serum total bilirubin concentration is negatively associated with increasing severity of retinopathy in patients with type 2 diabetes mellitus</strong></td>
<td>Masami Tanaka, Keio University School of Medicine, Japan</td>
</tr>
<tr>
<td></td>
<td><strong>Pharmacogenetics research in different disease models: Our experience in Brazilian population</strong></td>
<td>Adalberto Rezende Santos, Oswaldo Cruz Institute, Brazil</td>
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</tbody>
</table>
### Symposium on

#### Endotheline receptor blocker, a selective and more potent antagonist for Atractaspis envenomation than the specific antivenom

Mohamed A Atef, National Antivenom & Vaccine Production Center, KSA

#### New therapeutic approaches to overcome resistant cancer

Moses SS Chow, Western University of Health Sciences, USA

#### Enhanced oral bioavailability and antitumor activity of Paclitaxel by the coexisting constituents in Taxus yunnanensis extract

Min Huang, Sun Yat-sen University, China

#### Transgelin 2, a potential paclitaxel-resistant target and the reversal of drug resistance

Siying Chen, Xi'an Jiaotong University, China

### Panel Discussion

#### Day 2  
#### August 26, 2015  
#### Conference Hall

#### Keynote Forum

**Mengmeng Wang**  
Pfizer PDM-NBE, USA

**Hechmi Toumi**  
CHR Hospital Porte Madeleine Orleans, France

### Track 1: Pre-formulation Studies

### Track 2: Biopharmaceutics

### Track 7: Nanotechnology

**Session Chair:** Hechmi Toumi, CHR Hospital Porte Madeleine Orleans, France  
**Session Co-Chair:** Mengmeng Wang, Pfizer PDM-NBE, USA

#### Session Introduction

**Title:** A bioequivalence study of two Azithromycin tablet formulations in Indonesian healthy subjects  
Yahdiana Harahap, Universitas Indonesia, Indonesia

**Networking & Refreshments**

**Title:** Towards pharmacological validation of MAP kinase interacting kinases (MNKs) as anti-cancer drug targets  
Hugo Albrecht, University of South Australia, Australia

**Title:** Design, synthesis and investigation of aryl derivatives of Alaptide as potential transdermal permeation enhancers  
Joseph Jampilek, University of Veterinary and Pharmaceutical Sciences Brno, Czech Republic

**Title:** In situ gelling Naltrexone hydrochloride films as a potential novel therapy for corneal healing disorders  
Hamdy Abdelkader, Kingston University, UK

**Title:** Cyanobacteria are photosynthetic prokarotes  
Patrizia Pagliara, Stanford University School of Medicine, USA

**Title:** Drug nanocarriers as targeted therapies in cancer, the new chemotherapy  
Edgar Perez-Herrero, University of Salamanca, Spain

**Lunch Break**

**Title:** Priapism associated with the use of Clozapine—Case report  
Mauricio de la Espriella Perdomo, Cooperative University of Colombia, Colombia

**Title:** Comparative analysis of standard ISO 9001:2015 and Good manufacturing practice—Continues improvement perspective  
Valentina Marinkovic, University of Belgrade, Serbia

**Title:** Improved adjuvants for vaccine development: Surface and adjuvant modified PLGA microspheres  
Aiala Salvador Martinez, University of the Basque Country, Spain

**Title:** Guava monograph  
Abdalla Omar, Alexandria University, Egypt

**Title:** Angiotensin II increases endothelial arginase expression through a RhoA/ROCK-p38 MAPK-ATF-2 pathway leading to reduced NO production  
Alia Shatanawi, The University of Jordan, Jordan

**Networking & Refreshments**

**Track 1: Pre-formulation Studies**

**Track 2: Biopharmaceutics**

**Track 7: Nanotechnology**

**Session Chair:** Patrizia Pagliara, Stanford University School of Medicine, USA  
**Session Co-Chair:** Abdalla Omar, Alexandria University, Egypt
### Poster Presentations

| EPC01 | Title: A novel dual-targeted and biomimetic Doxorubicin nanocarrier  
Guliz Ak, Ege University, Turkey |
|-------|-------------------------------------------------------------------|
| EPC02 | Title: Development of nanoparticulate system for ovarian cancer therapy  
Guliz Ak, Ege University, Turkey |
| EPC03 | Title: Synthesis of Doxorubicin loaded and Glucose/Gluconic acid coated magnetic nanoparticles  
Yilmaz Habibe, Ege University, Turkey |
| EPC04 | Title: Computational investigation of interactions of Pemetrexed and Pazopanib anticancer drug molecules conjugated with small peptide link with magnetite (Fe3O4) surface  
Senay Sanli, Ege University, Turkey |
| EPC05 | Title: Synthesis of dual drug and peptide decorated magnetic nanoparticles to address lung cancer  
Yilmaz Habibe, Ege University, Turkey |
| EPC06 | Title: Pharmacists' perceptions and experiences on the dispensing of topical antibacterials drugs in community pharmacy settings in Kedah, Malaysia  
Sathish Amirthalingam, International Medical University, Malaysia |
| EPC07 | Title: Mutagenic effects of Sodium Azide and gamma rays on callus development and silymarin production in *Silybum marianum* (L.) Gaertn.  
Raoufa Abdel Rahman, Pharmaceutical Bioproducts Research Dep., Egypt |
| EPC08 | Title: Production of rosmaric acid from *in-vitro* culture of *Basil* (*Ocimum basilicum* L.) and Lemon balm (*Melissa officinalis* L.)  
Raoufa Abdel Rahman, Pharmaceutical Bioproducts Research Dep., Egypt |
| EPC09 | Title: Hypouricemic activities of *C. flammula* leaf extracts in an animal model  
Dina Kilani, University of Bejaia, Algeria |
| EPC10 | Title: Nanodevices for delivery of therapeutics to cystic fibrosis patients  
Nadya Velikova, Wageningen University, The Netherlands |
| EPC11 | Title: Mass-production and anti-aging effect of rare ginsenoside-Rh4, Rg6, Rg4 and Rk3  
Jee-Hyun Lee, Chungnam National University, Republic of Korea |
| EPC12 | Title: Neuroprotective role of CCL2 and its intracellular signaling pathway in the primary cultured rat cortical cells  
Jungsook Cho, Dongguk University-Seoul, Republic of Korea |
| EPC13 | Title: Three new coumarins from *saponshnikovia divaricata* and their porcine epidemic diarrhea virus (pedv) inhibitory activity  
Jinwoong Kim, Seoul National University, Republic of Korea |
| EPC14 | Title: Research on cardiac gene expression during Korean red ginseng treatment in diabetes  
Jong-Hoon Kim, Chonbuk National University, Republic of Korea |
| EPC15 | Title: Chemical constituents and biological activity of agarwood  
Jeong Hill Park, Seoul National University, Republic of Korea |
| EPC16 | Title: Self-assembled theranostic nanoparticles of Chondroitin sulfate: A conjugation of bile acid and phenylboronic acid for enhanced tumor-targeting and penetration  
Dae-Duk Kim, Seoul National University, Republic of Korea |
| EPC17 | Title: Anti-allergic effects of *Arctium lappa* L. and its bioactive compound, Oleamide, regulating FcαRI-mediated signaling  
Eun-Hwa Sohn, Kangwon National University, Republic of Korea |
| EPC18 | Title: Oral administration of gintonin attenuates cholinergic impairments by scopolamine, amyloid-β protein, and mouse model of alzheimer's disease: Involvement of lysophosphatidic acid (lpa) receptor  
Hyeon-Joong Kim, Konkuk University College of Veterinary, Republic of Korea |
| EPC19 | Title: *Cynanchum wilfordii* Radix protects hepatic inflammation in mice with high-cholesterol induced non-alcoholic fatty liver disease  
Hyun Jung Koo, Korea National College of Agriculture and Fisheries, Republic of Korea |
| EPC20 | Title: Protective mechanism of ginsenoside Rb1 in homosysteine induced apoptosis in endothelial progenitor cells  
Aravinthan Adithan, Chonbuk National University, Republic of Korea |
<table>
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<tr>
<th>EPC21</th>
<th>Title: Anti-diabetic effect of SeapolynolTM and Dieckol extracted from Eckolnia cava in C57BL/KsJ-db/db mice</th>
<th>Boo Yong Lee, CHA University, Republic of Korea</th>
</tr>
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<tbody>
<tr>
<td>EPC22</td>
<td>Title: Neuroprotective effects of 3,4-seco-28-noroleanane triterpenes from the flowers of Camellia japonica</td>
<td>Won Keun Oh, Seoul National University, Republic of Korea</td>
</tr>
<tr>
<td>EPC23</td>
<td>Title: Extensive biochemical and structural studies to develop potent DNA topoisomerase II inhibitors as an anticancer drug</td>
<td>Youngjoo Kwon, Ewha Womans University, Republic of Korea</td>
</tr>
<tr>
<td>EPC24</td>
<td>Title: Pharmacological effects of ethanol extract of Artemisia herba alba in Streptozotocin-induced Type 1 Diabetes Mellitus in rats</td>
<td>Heba M. I. Abdallah, National Research Centre, Egypt</td>
</tr>
<tr>
<td>EPC25</td>
<td>Title: Genotoxicity and cytotoxicity of novel 10B carrier ((2R)-4,5,6-trihydroxy-2-(hydroxymethyl)tetrahydro-2H-pyran-3-yl) boronic acid</td>
<td>Hulya Ozdemir, Yuzuncu Yil University, Turkey</td>
</tr>
<tr>
<td>EPC26</td>
<td>Title: Skin infection: An association between awareness and quality of life among adults in Petaling district, Malaysia</td>
<td>Jayshalene Balakrishnan, International Medical University, Malaysia</td>
</tr>
<tr>
<td>EPC27</td>
<td>Title: Plant microRNA transfer - A new dimension to herbal medicine</td>
<td>Maria Sala-Cirtog, University of Medicine and Pharmacy “Victor Babes”, Romania</td>
</tr>
<tr>
<td>EPC28</td>
<td>Title: Development of cannabidiol-loaded poly (D, L lactide-co-glycolide) nanoparticles and their evaluation in MDA-MB-231 breast cancer cell line</td>
<td>Ana Isabel Fraguas Sánchez, Universidad Complutense de Madrid (UCM), Spain</td>
</tr>
<tr>
<td>EPC29</td>
<td>Title: Effects of newly synthesized indole-2-thione derivatives on cell growth, apoptosis and MMP-9 expression of MCF-7 cells</td>
<td>Filiz Bakar, Ankara University School of Pharmacy, Turkey</td>
</tr>
<tr>
<td>EPC30</td>
<td>Title: Study on the relationship between potassium/sodium levels and antihypertensive diuretic doses in hypertensive patients monitoring by cardiology clinics</td>
<td>M. Dogu Nebioglu, Ankara University, Turkey</td>
</tr>
</tbody>
</table>

**Poster Presentations**

| EPC31 | Title: Brain delivery of Gatifloxacin loaded poly (d, l lactide-co-glycolide)-labrafil nanoparticles | P Marcianes-Moreno, Universidad Complutense de Madrid (UCM), Spain |
| EPC32 | Title: Acanthopanax sessiliflorus stem bark extracts induces non-apoptotic cell death in human breast cancer cells via ROS dependent and independent mechanisms | Young-Kyoon Kim, Kookmin University, Republic of Korea |
| EPC33 | Title: New extended-release tablets of Benznidazole for chagas disease treatment: Pre-clinical pharmacokinetic studies | Rosangela Peccinini, Sao Paulo State University, Brazil |
| EPC34 | Title: Angiotensin-I converting enzyme inhibitory peptides from antihypertensive skate (Okamejei kenojei) skin gelatin hydrolysate in spontaneously hypertensive rats | Kyong-Hwa Kang, Pukyong National University, Republic of Korea |
| EPC35 | Title: Kinetic and mechanistic study of Chromium (III) complex involving anti Parkinson drug (Carbidopa) with N. Bromosuccinimide | Ahmed A Abdel- Khalik, Beni-Suef University, Egypt |
| EPC36 | Title: Safety of Tulathromycin in Sheep | Orhan Corum, University of Selcuk, Turkey |
| EPC37 | Title: The potential hepatoprotective activity of Allium paniculatum and Capparis spinosa on Thioacetamide induced hepatotoxicity in rats | Rehab F Abdel-Rahman, National Research Centre, Egypt |
| EPC38 | Title: Anti-inflammatory, anti-nociceptive and anti-arthritic effects of antidepressants in rats | Sally A El Awdan, National Research Center, Egypt |
| EPC39 | Title: Effect of Corynebacterium cutis lysate treatment on the cytokine levels in sheep | Burak Dik, Selcuk University, Turkey |
| EPC40 | Title: Influence of high temperature on separation some pharmaceutical compounds using a water rich on C18 stationary phases using high performance liquid chromatography | Lateefa A Al-khatteeb, King Abdul Azize University, KSA |
| EPC41 | Title: Effects of Thymus vulgaris L. and Thymbra spicata L. on diabetes mellitus associated cognitive impairment and neuropathy: Thymus vulgaris and cognitive function improvements | Hulya Ozdemir, Yuzuncu Yil University, Turkey |
| EPC42 | Title: Determination of antiviral effect of Nerium oleander distillate on some viruses | Irmak Dik, University of Selcuk, Turkey |
| EPC43 | Title: Preclinical pharmacokinetic profile of a new drug candidate to treat sickle cell disease symptoms | Michel Campos, Sao Paulo State University, Brazil |
| EPC44 | Title: Comparison of relevant safety information stated on OTC medications used for cough and cold in Malaysia  
Piush Mittal, International Medical University, Malaysia |
| EPC45 | Title: Cytotoxic activity of some Libyan medicinal plants against human breast cell lines MCF-7 and colon cell lines HCT-116 in vitro  
Ahmed Aljaifysh, Ibn Tofail University, Morocco |
| EPC46 | Title: Sedation drugs and addiction  
Mohamad Alalo, King Abdel Aziz University, KSA |
| EPC47 | Title: Design, synthesis, and biological evaluation of novel pyrrolizine derivatives as safe anti-inflammatory agents  
Waleed H. AlMalki, UmAl-Qura University, KSA |
| EPC48 | Title: Evaluation of acute intravenous toxicity in rats and local tolerance in rabbits of a formulation for the preparation of 68Ga-DOTATOC (68Ga-Edoctreotide or 68Ga-DOTA-Tyr3-Octreotide)  
Silvana Ventura, Research Toxicology Center (RTC), Italy |
| EPC49 | Title: Synthesis of radiolabeled hesperetin for biodistribution study of orally administered Hesperetin  
Sang Hyun Park, Korea Atomic Energy Research Institute, Republic of Korea |
| EPC50 | Title: Drug use evaluation of cabergoline in lactation inhibition: A retrospective study  
Douaa Alsaaed, Hamad Medical Corporation, Qatar |
| EPC51 | Title: Skin infection: An association between awareness and quality of life among adults in Petaling district, Malaysia  
Jamuna Rani, International Medical University, Malaysia |
| EPC52 | Title: Novel (+)-Decursin Derivatives as Inhibitors of the Wnt/β-catenin pathway  
Jiseon Kim, Chungnam National University, Republic of Korea |
| EPC53 | Title: Oral screening of the new thiazolidinedione drug candidates GQ-2, GQ-11, GQ-19 and GQ-177  
Elias Padiha, Sao Paulo State University, Brazil |
| EPC54 | Title: Preclinical pharmacokinetics of new thiazolidinedione LYSO-7  
Elias Padiha, Sao Paulo State University, Brazil |
| EPC55 | Title: HEA-HEMA Hydrogel as a Pharmaceutical Delivery System for Proteins: Lysozyme Interaction with Hydrogels  
Irina Ermolina, De Montfort University School of Pharmacy, UK |
| EPC56 | Title: Study of early stages of protein aggregation/denaturation following mechanical agitation  
Irina Ermolina, De Montfort University School of Pharmacy, UK |
| EPC57 | Title: Synthesis of humanin and its derivatives to treat traumatic brain injury in mice  
David Meridor, Ben-Gurion University of the Negev, Israel |
| EPC58 | Title: Glucosylceramide ameliorated the memory decline in aged mice  
Seikwan Oh, Ewha Womans University, Republic of Korea |
| EPC59 | Title: Development of quantitative analytical methods and its application for pharmacokinetics method for Celecoxib and metabolites  
Byung Hwa Jung, Korea Institute of Science and Technology, Republic of Korea |
| EPC60 | Title: Effects of newly synthesized indoline-2-thione derivatives on cell growth, apoptosis and MMP-9 expression of MCF-7 cells  
Filiz Bakar, Ankara University School of Pharmacy, Turkey |

### Panel Discussion

**Day 3 August 27, 2015**

**Conference Hall**

**Track 6: Hospital Pharmacy, Drugs and Regulations**

**Session Chair:** Joseph Jampilek, University of Veterinary and Pharmaceutical Sciences Brno, Czech Republic

**Session Co-Chair:** M Dogu Nebioglu, Ankara University, Turkey

**Session Introduction**

**Title:** Oncoprotein Survivin is a promising new biomarker of rheumatoid arthritis and of successful anti-rheumatic treatment  
Maria Bokarewa, Gothenburg University, Sweden

**Title:** The effect of clinical pharmacy services on readmissions and length of stay in patients with chronic obstructive pulmonary disease  
Rupal Patel Mansukhani, Rutgers University, USA

**Title:** Integrating research skills into higher education: Developing research-based curriculum in pharmacy education  
Mohamed A Hamzawy, Misr University for Science & Technology, Egypt

**Title:** Regulatory approval for autologous human cells and tissue products in the United States, the European Union, and Japan  
Kazuo Yano, Tokyo Women's Medical University, Japan

**Networking & Refreshments**

**Title:** Neutralization of autoantibodies directed against the beta-1-adrenoeceptor and the muscarinergic-2 receptor treats Betacardiomyopathym  
Johannes Mueller, Berlin Cures, Germany
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<tr>
<th>Title</th>
<th>Abstract</th>
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| **Title:** Counterfeit medicines: A global threat  
Tarek Kilani, Emirates French Hospital, United Arab Emirates | **Title:** A novel approach to inhibit hiv-1 infection by actively neutralizing the antibodies of reverse transcriptase system  
Sherif Salah, Cairo University, Egypt |
| **Title:** TBA | **Title:** Perception and attitude of physicians toward local generic medicines in Saudi Arabia: A questionnaire-based study  
Ashraf El Metwally, King Saud bin Abdulaziz University for Health Sciences, KSA |
| **Title:** Characterization of processing and formulation parameters of hot-melt extruded polyethylene oxide matrices for extended-release application  
Ahmad Aljaberi, Applied Science University, Jordan | **Title:** From Ebola virus to tuberculosis: Emerging and re-emerging infectious diseases in the era of fast transports  
Cenciarelli Orlando, University of Rome Tor Vergata, Italy |
| **Title:** Progression of Intravenous (IV) Lipopolysaccharide (LPS)-induced hypotension can be prevented by intra-Cerebral Ventricular Injection (ICV)  
Carlos Felede, University of Rome Tor Vergata, Italy | **Title:** Design, development and optimization of a new Dimethicone-based cream containing grape extract  
Farid Menaa, Fluorotronics, Inc., USA |
| **Title:** Molecular and cellular targets of polyphenols from Fragaria vesca leaf  
Joana Liberal, University of Coimbra, Portugal | **Title:** Effects of inactive parapoxvirus ovis on cytokine levels in rats  
Irmak Dik, University of Selcuk, Turkey |
| **Title:** A potential breakthrough in osteoarthritis treatment: Alternative method for cartilage repair by mesenchymal stem cells  
Marija Mazor, Orleans University, France | **Title:** Transport of self-nanoemulsifying drug delivery system (snedds) across mucus and cellular internalization  
Arshad masood, University of Imnsbruck, Austria |
| **Title:** The stability of injectable oxytocin with respect to pH  
Ahmad F K Alzayadi, Curtin University, Australia | **Title:** Coffee plus Honey” versus “topical steroid” in the treatment of chemotherapy-induced oral mucositis: A randomised controlled trial  
Nadia Raeessi, University of Medical Sciences, Iran |

**Young Researchers Forum**

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Nadia Raeessi, University of Medical Sciences, Iran |

**Panel Discussion**

**Award Ceremony**

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Introduction

Panayiotis P. Constantinides
Biopharmaceutical & Drug Delivery Consulting, LLC., USA

Jason Vaughn
Patheon Pharmaceuticals, USA

Tejraj M Aminabhavi
Soniya College of Pharmacy, India

Gjumrakch Aliev
GALLY International Biomedical Research Consulting LLC, USA

Konstantin Tsinman
Pion Inc., USA

Walter Rudzuski
Texas State University, USA

Coffee Break @ Texas BC

Track 1: Pre-formulation Considerations for Conventional Dosage Form Development
Track 2: Formulation Aspects for Various Routes of Drug Administration
Track 3: Recent Technologies in Novel Drug Delivery Systems

Session Chair: Panayiotis P. Constantinides, Biopharmaceutical & Drug Delivery Consulting, LLC., USA
Session Co-Chair: Erik Rytting, University of Texas, USA

Session Introduction

Title: Amorphous drug-polymer nanoparticles: An enabling drug delivery platform
Michael Morgen, Bend Research Inc., USA

Title: Analysis of nanoparticles on particle-by-particle basis using Tunable Resistive Pulse Sensing (TRPS) technology
Subhash Kalluri, Izon Inc., USA

Title: Chemistry and formulation-enabled drug delivery tools: Enabling discovery
Sophie Dorothee Clas, PharmaSolv Consulting, Canada

Title: Nanoparticle eye drops demonstrate enhanced ocular penetration
Koichi Baba, Osaka University, Japan

Title: Nanoparticle delivery of 2-Methoxyestradiol for uterine leiomyoma therapy
Erik Rytting, University of Texas, USA

Title: Solid lipid nanoparticle formulations of Oligonucleotides
Bo Ying, Dicerna Pharmaceuticals, USA

Title: Continuous-flow microfluidic nanoparticles for poorly soluble drug encapsulation in polymeric nanocarriers with tunable release properties
Christophe A. Serra, The University of Strasbourg, France

Title: A novel supramolecular smart hydrogel drug delivery system
Shao Xiang Lu, Broda International, LLC., USA

Title: Contract research and development at Southwest Research Institute (SwRI)
James D. Olexy, Southwest Research Institute, USA

Title: Microencapsulation-Effective drug delivery system
Kamran Atif, Arwan Pharmaceuticals Industries, Lebanon

Title: Design and In-Vivo evaluation of diclofenac sodium sustained release matrix tablet of: Effect of compression force
Ibrahim M. El-bagory, Al- Jouf University, Saudi Arabia

Coffee Break @ Texas BC
Title: In Silico modeling penetration of xenobiotics through human skin
Gabriel Wittum, University of Frankfurt, Germany

Panel Discussions
Cocktails: Sponsored by Journal of Pharmaceutics & Drug Delivery Research @ Texas BC

Day 2 March 25, 2014
Texas A

Workshop
Title: “Forecasting nano-enabled drug delivery (NEDD) innovation pathways”
By Alan Porter, Georgia Tech, USA
Jing Ma, Beijing Institute of Technology, China
Tejraj M. Aminabhavi, Soniya College of Pharmacy, India
Walter Rudzuski, Texas State University, USA
Nagjibhai Jivani, Ribosome Pharma Pvt. Ltd., India

Track 4: Nanotechnology in Drug Delivery Systems
Track 5: Prodrugs for Targeted Drug Delivery

Session Chair: Muhammad Delwar Hussain, California Health Sciences University, USA
Session Co-Chair: Chandra Sekhar Kolli, California Health Sciences University, USA

Title: Study on brain targeting Zidovudine loaded PLGA nanoparticles for AIDS therapy
Muhammad Delwar Hussain, California Health Sciences University, USA

Title: Controlling the characteristics of polymeric nanoparticles as carriers for the model peptide Capreomycin
Mohsen A. Bayomi, King Saud University, Saudi Arabia

Title: Nanotechnology for improving response to cancer chemo and immunotherapy
Afsaneh Lavasanifar, University of Alberta, Canada

Title: Formulation and evaluation of microcapsules using multiple emulsions as a novel drug carrier system
Hanaa AM Elsaghir, King Saud University, Saudi Arabia

Title: Lactoferrin-Doxorubicin conjugates as platform for improved cellular delivery of Doxorubicin to target hypoxia
Sneha Gurudevan, Deakin University, Australia

Title: Microneedle mediated transdermal delivery systems
Chandra Kolli, California Health Sciences University, USA

Lunch Break @ Texas BC

Track: 8 Physiological Considerations of Drug Delivery
Track 11: Regulatory Issues in Pharmaceutics and Novel Drug Delivery

Session Chair: Muhammad Delwar Hussain, California Health Sciences University, USA
Session Co-Chair: Chandra Sekhar Kolli, California Health Sciences University, USA

Title: Fast dissolving drug delivery systems
Gulay Yelken Demirel, Sanovel Pharmaceuticals, Turkey

Title: Rosuvastatin nanocrystals: Its preparation, characterization, and in vitro – in vivo evaluation
Arvind Sharma, Chitkara University, India

Title: Vascular oxidative stress and mitochondrial failure in the pathobiology of Alzheimer's disease: Approach to therapy
Jerzy Leszek, Wroclaw University School of Medicine, Poland

Title: Droplet microfluidics: A tool to fabricate polymeric drug microcarriers with complex morphologies for new delivery strategies
Ikram Ullah Khan, University of Strasbourg, France

Coffee Break @ Texas BC

Title: Stratification of surface lysine residues of bovine testicular hyaluronidase on the base of its 3D structure model: Design of chondroitin sulphate modified enzyme derivative
Alexander V. Maksimenko, Russian Cardiology Research-and-Production Complex, Russia

Title: Formulation and optimization of orodispersible tablets of Flutamide
Kadria A. Elkhodairy, King Saud University, Saudi Arabia

Title: A promising approach to provide appropriate colon target drug delivery systems of Vancomycin HCl: Pharmaceutical and microbiological studies
Azza S. Zakaria, King Saud University, Saudi Arabia

Title: Real-time attribute measurement in high shear wet granulation: An evolving paradigm
Ajit Narang, Bristol Mayers Squibb, USA

Panel Discussions
Poster Presentations
Award Ceremony

18:15-19:15 Cocktails: Sponsored by Pharmaceutica Analytica Acta
**Track 6: Recent Advances in Targeted Drug Delivery**  
**Track 7: Major Challenges in Drug Delivery Systems**  
**Track 9: Advances in Biotherapeutics-Drug Discovery and Development**  
**Track 10: Vaccine Drug Delivery Systems**

**Session Chair:** Panayiotis P. Constantinides, Biopharmaceutical & Drug Delivery Consulting, LLC, USA  
**Session Co-Chair:** Sophie Dorothee Clas, PharmaSolv Consulting, Canada

---

**Title:** The conjugation of superoxide dismutase with catalase via chondroitin sulphate for targeting protection of vascular wall  
**Author:** Alexander V. Maksimenko, Russian Cardiology Research-and-Production Complex, Russia

**Title:** Treatment of oral ulcers in dogs using adipose tissue-derived mesenchyme stem cells  
**Author:** Eman Elashiry, King Abdulaziz University, Saudi Arabia

**Title:** Intranasal premedication in dental sedation  
**Author:** Saad Abdel-Rahman Sheta, King Saud University, Saudi Arabia

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**Coffee Break @ Texas BC**

**Title:** Surface modified lipid nanocarriers for non-invasive oral delivery of biomacromolecule  
**Author:** Rishi Paliwal, Irma Lerma Rangel College of Pharmacy, USA

**Title:** Inhaled Methoxyflurane sedation for wisdom tooth removal: A comparison to nitrous oxide sedation  
**Author:** Walid Ahmed Abdullah, King Saud University, Saudi Arabia

**Title:** Nanotechnology enabled targeted therapy for seasonal and pandemic influenza; Opening a new window to anti-viral therapy  
**Author:** Krishnan Chakravarthy, Nano Axis LLC, USA

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**Panel Discussions**

**Pharmaceutica-2015_Website Launch**

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**Lunch Break @ Texas BC**
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Day 1  April 08, 2013

Registrations

Hickory

conference.com

Opening Ceremony

Keynote Forum

Introduction
Panayiotis P Constantinides
Biopharmaceutical & Drug Delivery Consulting, LLC, USA

Wei-Chiang Shen
University of Southern California, USA

Coffee Break

Kevin J Filipski
Pfizer Worldwide Research & Development, USA

Giancarlo Morelli
University of Naples, Italy

David J Brayden
University College Dublin, Ireland

Track 1: Recent Technologies in Novel Drug Delivery Systems
Track 3: Drug Delivery Targeting
Track 6: Nanotech for Drug Delivery
Track 8: Prodrugs and Targeted Drug Delivery

Chair: David Brayden, University College Dublin, Ireland
Co-Chair: Wei-Chiang Shen, University of Southern California, USA

Session Introduction

Title: Neural stem cell models to studying pediatric anesthetic neurotoxicity
Cheng Wang, USFDA, USA

Title: Transmucosal delivery of peptides and siRNAs with a novel lipidic pharmaceutical formulation
Patrick Maurel, Medesis Pharma, France

Group Photo

Lunch Break

Title: Innovations in drug delivery technology: Improvements in long-term herpes treatment
Barry Margulies, Towson University, USA

Title: The antiangiogenic effect of dual drug loaded polymeric micelles
Adam Alani, Oregon State University, USA

Title: Role of epigenetics in the HIF pathway and novel therapeutic opportunities
Mridul Mukherji, University of Missouri-Kansas City, USA

Title: Ethicap Gel: Proprietary microencapsulation technology that facilitates solubility and bioavailability enhancement, drug combinations, controlled drug release including pulsatile delivery and multiple finished forms
Joan FitzPatrick, Freund Pharmatec Ltd., Ireland

Title: Recombinant fusion constructs of cell-penetrating peptides for targeted drug delivery to mildly acidic environment in solid tumors
Jennica Zaro, University of Southern California, USA

Title: Magnetically targeted drug delivery to stented blood vessels
Michael Chorny, University of Pennsylvania, USA

Coffee Break

Title: Multiple dose platforms for once daily administration of Cipofloxacin or Verapamil
Jason T McConville, University of New Mexico, USA

Title: Antibody-functionalized nanoparticles for targeted delivery to lung cancer
Sunday A Shoyele, Thomas Jefferson University, USA
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<th>Panel Discussions</th>
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<td>Cocktails Sponsored by Pharmaceutica Analytica Acta @ Almond</td>
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**Day 2**

**April 09, 2013**

**Registrations**
**B2B Meetings @ Almond**

**Hickory**

**Track 7: Personalized Medicine**
**Track 10: Drug Delivery Systems and Drug Formulations for Cancer**

Chair: **Imran Ahmad**, Jina Pharmaceuticals Inc., USA

**Session Introduction**

**Title:** Application of 3D-QSDAR for modeling of various biological and toxicity endpoints  
**Richard Beger**, US Food and Drug Administration, USA

**Title:** Micelle-encapsulated Thiostrepton is an effective nanomedicine for inhibiting tumor growth  
**Andrei L Gartel**, University of Illinois, USA

**Title:** Lipid based sterically stabilized micelles as effective drug carriers for cancer and inflammatory diseases  
**Hayat Onyuksel**, University of Illinois, USA

**Title:** Polymer films for the locoregional delivery of anticancer drugs in lung tumors  
**Fabio Sonvico**, University of Technology Sydney, Australia

**Title:** Combination of Dirhenium cluster compounds and Cisplatin in cancer  
**Natalia I Shitemenko**, Oles Gonchar Dnipropetrovsk National University, Ukraine

**Coffee Break**

**Track 9: Novel Advances in Drug Delivery to Brain**
**Track 11: Pharmacokinetic Considerations of Drug Delivery**

Chair: **Steffen Denzinger**, Merck KGaA, Germany

**Title:** Novel polymer system for controlled delivery of chemotherapeutics to improve patient outcomes  
**Jason Olbrich**, Poly-Med Inc., USA

**Title:** Formulation and evaluation of Ketorolac tromethamine floating in situ gelling system  
**Prabhakar Reddy Veerareddy**, Chaitanya College of Pharmacy, India

**Title:** Study on brain targeting Zidovudine loaded PLGA nanoparticles for AIDS therapy  
**C Vijaya Raghavan**, PSG College of Pharmacy, India

**Title:** Optimized DZNep exposure presensitizes pancreatic cancer cells to anticancer nucleoside analogs: Utilization of novel drug delivery  
**Rajgopal Govindarajan**, University of Georgia, USA

**Title:** Innovative bimodal porous silica for solubility enhancement of low soluble drugs  
**Steffen Denzinger**, Merck KGaA, Germany

**Lunch Break**

**Title:** Rx of Cancer using novel delivery system for taxanes - Clinical experience  
**Imran Ahmad**, Jina Pharmaceuticals Inc., USA

**Title:** Pharmacokinetic/Pharmacodynamic (PK/PD) modeling of anti-neoplastic agents  
**Ayman M Noredin**, Hampton University, USA

**Title:** Comparative study of data generated by structural annotation of the genome for identifying the unique parameter responsible for pathogenic property of Helicobacter pylori  
**Hetalkumar Panchal**, Sardar Patel University, India

**Title:** Syringeability and injectability of abuse-detergent dosage forms  
**David Mastropietro**, Nova Southeastern University, USA

**Title:** Improvement of anti-tumor responses by DC-Sign mediated antigentargeting using glycan modified liposomes: A potential anticancer vaccine  
**Medha D Joshi**, Midwestern University, USA

**Title:** Fabrication of Diclofenac sustained release tablets using microencapsulation-coacervation technique: Release characterization and in-vivo evaluation  
**Mahmood Ahmad**, The Islamia University of Bahawalpur-Punjab, Pakistan

**Coffee Break**

**Title:** Transport model for drug release from delivery vectors accounting for chemical and microstructure properties  
**Arturas Ziemys**, The Methodist Hospital Research Institute, USA
Title: In silico analysis of different Helicobacter pylori strains and its proteins responsible for gastro-intestinal tract diseases in human
Megha Vaidya, Sardar Patel University, India

Title: Engineering drug nanocarriers for delivery of chemotherapeutic drugs
Rahul Misra, Indian Institute of Technology, India

Poster Presentations
Cocktails Sponsored by Journal of Pharmaceutics & Drug Delivery Research

Day 3    April 10, 2013

Track 1: Routes of Drug Administration
Track 2: Routes of Drug Administration
Track 4: Biopharmaceuticals
Track 5: Current Issues of Pharmaceutics in Global Market
Track 12: Management of QA/QC in Pharmaceutical Industry

Title: Nanotechnology in advanced drug delivery
Prabhakar Reddy Veerareddy, Chaitanya College of Pharmacy, India

Title: Designing of magnetic nanoparticle based diagnostic kit for ultrasensitive detection of enteric fever: Evanescent-wave optical illumination studies
Mohita Upadhyaya, Indian Institute of Technology, India

Title: Cytotoxicity & kinetic studies of cancer cell lines through Methotrexate nanoparticles: Comparative analysis with direct drug
Rahul Misra, Indian Institute of Technology, India

Coffee Break

Title: Performance evaluation of abuse-deterrent dosage forms to mechanical manipulation
David Mastropietro, Nova Southeastern University, USA

Title: Pharmaceutical price controls and entry strategies
Andrews Abaitey, Vine Medics, Ghana

Title: Development and characterization of Terbutaline sulphate microsponge and its colonic delivery by compression coated tablets
Biswajit Basu, Atmiya Institute of Pharmacy, India

Award Ceremony