



International Conference on
**Progressive PharmSciences:
Technology, Research and Development**

June 19-21, 2017

**Barceló Valencia
Avda. de Francia, 11
46023 Valencia, Spain**

Day-1 | June 19, 2017

08:30-09:00 Registrations & Introduction to EuroPPS-2017

Keynote Session

09:00-09:35 **Mitochondrial DNA Overproliferation and Deletion in the Context of the Drug Development for Neurodegeneration and Cancer: Link between Cell Signaling, Cancer and Alzheimer Disease via Oxidative Stress Dependent Pathway**
Gjumrakch Aliev, GALLY International Biomedical Research Consulting LLC, USA

09:35-10:10 **Antibiotic Resistance: The Need for a Global Strategy**
David P Elder, GSK, UK

10:10-10:45 **The Vicious Circle : Light at Night and Melatonin Suppression, Sleep Alterations, and Clock Disruption**
Yvan Touitou, Fondation Rothschild, France

10:45-11:00 **Coffee Break**

Technical Session-I

Pharmacognosy & Pharmaceutical Chemistry

11:00-11:20 **A Lignan Induces Lysosomal Dependent Degradation of FoxM1 Protein to Suppress β -catenin Nuclear Translocation**
Jae-Ha Ryu, Sookmyung Women's University, South Korea

11:20-11:40 **Title:Design, Synthesis and Analysis of Novel Flavone Derivatives for Development as Anti-Proliferative and Anti-Angiogenic Agents**
Helen Osborn, University of Reading, UK

11:40-12:00 **Improving the Performance of (Q)SAR Models for Predicting Toxicity Using a SAR Fingerprint Methodology**
Glenn Myatt, Leadscope Inc., USA

12:00-12:20 **Recent Advances in Design of Hydroxyl(aza)Naphthalenecarboxamide as Antimicrobials**
Josef Jampilek, Comenius University, Slovakia

12:20-12:40 **Evaluation of Parenteral Nutrition Nanoemulsions as a Drug Delivery System**
Mohammad Najlah, Anglia Ruskin University, UK

12:40-13:25 **Lunch Break**

13:25-13:45 **Title:Anti-inflammatory and Wound-healing Activity of Euphorbia characias subsp. wulfenii and Bioassay-guided Isolation of quercetin-3-O-galactoside**
Serkan Ozbilgin, Ankara University, Turkey

13:45-14:05 **Phyto-chemistry: An Old Concept for Solving Modern Drug Problems**
Baseem Sabry, National Research Centre, Egypt

14:05-14:25 **Fibrate-Based Analogues as PPARs Agonists: Synthesis and Structure-Activity Relationships**
Letizia Giampietro, D'Annunzio University of Chieti-Pescara, Italy

- 14:25-14:45 **Anti-mycobacterial Activity of Novel D-/L-alaninyl 5-(1H-1,2,3-triazolyl) Methyl Oxazolidinones**
Oludotun Adebayo Phillips, Kuwait University, Kuwait
- 14:45-15:05 **The Effect of Kaqun Water on the Functions of Elderly People**
Ivan Szalkai, Kaqun Europe cPlc., Hungary
- 15:05-15:20 Coffee Break**
- 15:20-15:40 **Design Conception, Synthesis, Leishmanicidal Activity and Druglikeness Profile of New Amide Mimetic Derivatives**
Lidia Moreira Lima, Universidade Federal do Rio de Janeiro, Brazil
- 15:40-16:00 **Solubility of Celecoxib in 2-Propanol + Water Mixtures at Various Temperatures: Experimental Data and Thermodynamic Analysis**
Sara Nozohouri, Tabriz University of Medical Sciences, Iran
- 16:00-16:20 **Herbal drugs in Algeria: Regulation and Registration**
Amel Bouzabata, University of Badji-Mokhtar, Algeria
- 16:20-16:40 **Molecular Design of Hydrotropic Graft Polymers for Dissolution of Poorly Soluble Compounds**
Tooru Ooya, Kobe University, Japan

Day-2 | June 20, 2016

Technical Session-II

Pharmaceutics & Biopharmaceutics

- 09:00-09:20 **Particle engineer for improved drug delivery (micro/nanocrystals)]**
Ali Nokhodchi, University of Sussex, UK
- 09:20-09:40 **Spraying Technologies to Facilitate Naproxen Dissolution**
Amal Ali Elkordy, University of Sunderland, UK
- 09:40-10:00 **Electric Field Engineering of Drug Dosage Forms**
Rita Haj Ahmad, De Montfort University, UK
- 10:00-10:20 **Ring-Fused Pyrazoles for Cancer Treatment and Nanomedicine Applications**
Mauro Comes Franchini, University of Bologna, Italy
- 10:20-10:40 **Site-Directed RNA Editing for Restoration of Genetic Mutations**
Toshifumi Tsukahara, Japan Advanced Institute of Science and Technology, Japan
- 10:40-10:55 Coffee Break**
- 10:55-11:15 **The PK-Eye: The Need for an Ocular Flow Model for the Development of New Therapies**
Sahar Awwad, UCL School of Pharmacy, UK
- 11:15-11:35 **Ocular Inserts Loaded with Chitosan Nanodispersion for Prolonged Treatment of Ocular Inflammation**
Hanan Refai, Cairo University, Egypt

- 11:35-11:55 **Improved Anti-Hyperlipidemic Activity of Rosuvastatin Calcium via Lipid Nanoparticles: Pharmacokinetic and Pharmacodynamic Evaluation**
Veerabrahma Kishan, Kakatiya University, India
- 11:55-12:15 **Design, Preparation and Evaluation of EGDMA Cross-Linked Polyvinylpyrrolidone/ Acrylic Acid Hydrogel for Controlled Delivery of Quetiapine: *In-Vitro In-Vivo* Chapter**
Muhammad Akhlaq, Gomal University, Pakistan

Technical Session-III

Pharmacology

- 12:15-13:15 **WorkShop on**
The relationship between Awareness Under Conscious Hypnosis (AUCH©) Method and Traditional Chinese Medicine
Ali Özden Öztürk, Society of Medical Hypnosis, Turkey

13:15-14:00 Lunch Break

- 14:00-14:20 **Effects of Far-Infrared Onnetsu Therapy on Rheumatoid Arthritis and Cancer**
Kazuko Tatsumura, Gaia Holistic Health Center, USA
- 14:20-14:40 **Ubiquinone and Ubiquinol Effects on Nitric Oxide - Related Dilation of the Rat Aorta**
Oleg Medvedev, Moscow State University, Russia
- 14:40-15:00 **Pharmacological Characterization of the Dual GPR17 Receptor**
Michela Buccioni, University of Camerino, Italy
- 15:00-15:20 **Approach to Acupuncture Application to Back-Shu, Front-Mu and Huatuojiayi Points**
Mehmet Tuğrul Cabioğlu, Medical School of Başkent University, Turkey
- 15:20-15:40 **Application of In Situ Intestinal Perfusion Method to Determine Intestinal Permeability**
Selma Sahin, Hacettepe University, Turkey
- 15:40-16:00 **Brain GDH: Role on Seizures Mechanism and it's Modulation as A Tool for Controlling them**
Lourdes Amable Vega Rasgado, Escuela Nacional de Ciencias Biológicas-IPN, Mexico
- 15:40-16:00 **Preclinical Insights on the Effects of Oleoylethanolamide as Novel Potential Pharmacological Treatment for Obesity and Eating Disorders**
Silvana Gaetani, Sapienza University of Rome, Italy
- 16:00-16:20 **Effects of Intrathecal Administration of Everolimus in a Triple Transgenic Mouse Model of Alzheimer's Disease**
Tommaso Cassano, University of Foggia, Italy

16:20-16:35 Coffee Break

16:35-17:35 Poster Session

Technical Session-IV

Physical Pharmacy & Clinical Pharmacy

- 09:00-09:20 **Exploring the Impact of Sample Flow Rate on In Vitro Measurements of Metered Dose Inhaler Performance**
David Lewis, Chiesi Limited, UK
- 09:20-09:40 **Microscale Particle Image Velocimetry to Assess Powder Dispersion within a Dry Powder Inhaler**
Teresa Carvajal, Purdue University, USA
- 09:40-10:00 **Theoretical Mass Spectrometry of Testosterone and Analogues**
Kihyung Song, Korea National University of Education, South Korea
- 10:00-10:20 **Phytochemical Analysis and Biological Evaluation of Selected Cordia Species from Panama**
Karikas G A, Athens University of Applied Sciences, Greece
- 10:20-10:40 **Cost And Health Benefits From Integrating New Age Ayurveda Into European Health Systems**
Harsha Gramminger, Euroved GmbH, Germany
- 10:40-10:55 Coffee Break**
- 10:55-11:15 **The Self Medications Use among Adolescents aged between 13-18 years old; Prevalence and Behavior, Riyadh-Kingdom of Saudi Arabia for the year 2014-2015**
Shahd Al Awwad, King Saud University, Saudi Arabia
- 11:15-11:35 **Multimodal Biopsychosocial Pain Management and Acupuncture Toward a New Model in Clinical Practice**
Agnès Mazic de Sonis, Pain Clinic Chirec, Belgium
- 11:35-11:55 **Study of Silver or Gold Nanoparticles Interactions with Skin Layers by Vibrational Spectroscopy**
Adela Jensitova, University of Chemistry and Technology, Czech Republic
- 11:55-12:15 **Salmon Calcitonin Modulates Calcitonin Gene-Related Peptide Levels in Peripheral Blood by Stabilizing mast cells in the dura mater in rats**
Erkan Kilinc, Abant Izzet Baysal University, Turkey

Poster Session

- P-01 A 4-Week Repeated Dose Oral Toxicity and Effect of Hwangryunhaedok-Tang on Human Drug-Metabolizing Enzymes**
Jin Seong Eun, Korea Institute of Oriental Medicine, South Korea
- P-02 Repeated Dose 28-Day Oral Toxicity Study of Yongdamsagan-Tang, a Traditional Herbal Formula, in Crl:CD Sprague Dawley Rats**
Eunsook Park, Korea Institute of Oriental Medicine, South Korea
- P-03 The Antibacterial Activity of Honey Against *Pseudomonas aeruginosa* is Enhanced by Royal Jelly and Water Soluble Propolis**
Klemen Rihar, Retired Doctor, Slovenia
- P-04 Bone Mineral Density is Reduced by Telmisartan in Male Spontaneously Hypertensive Rats**
Antonio Marcos Birocale, Federal University of Espirito Santo, Brazil
- P-05 Formulation and in vitro Characterization of Porous Silica as Drug Delivery System and Regenerative Device for Bone**
Wiesław Sawicki, Medical University of Gdańsk, Poland
- P-06 Effects of the Endocannabinoid System on CGRP Levels of Plasma in Nitroglycerin-Induced Migraine Model in Rats**
Erkan Kilinc, Abant Izzet Baysal University, Turkey
- P-07 Antioxidant, Antibacterial and Antileishmanial Activities of *Salvia officinalis* L. and *Salvia verbenaca* ssp *Clandestina* batt non L. Extracts from Morocco**
Abdeslam ET-TOUYS, Mohammed V University, Morocco
- P-08 Protective Effects of *Centella asiatica* Leaf Extract on on the Progression of Non-Alcoholic Fatty Liver Disease**
Se Chan Kang, Kyung Hee University, South Korea
- P-09 Carob Pulp Purified Extract as Hepatoprotective Compound**
Adrián Macho-González, Universidad Complutense de Madrid, Spain
- P-10 Synthesis of new series of pyrazolo[3,4-b][1,6]naphthyridine in presence of nano-Al₂O₃**
Fateme Majidi Arlan, University of Urmia, Iran
- P-11 Biological Activity of 2,N⁶-Disubstituted Adenosine Analogues at Adenosine Receptors**
Aleix Marti Navia, University of Camerino, Italy
- P-12 Low Level Light Therapy Set and its Selected Applications**
Lukasz Gryko, Bialystok University of Technology, Poland
- P-13 Simultaneous Quantitation of Ethinylestradiol and Different Progestin's in Human Plasma by Liquid Chromatography-Tandem Mass Spectrometry (LC-MS/MS) and Application to a Pharmacokinetic Study**
Pavel Baranov, Sechenov University, Russia
- P-14 GC-MS and Multivariate Analysis of Siberian Coniferous Trees**
Pavel Baranov, Sechenov University, Russia

- P-15 Cell-free Tissue Engineering Based on Drug Delivery Enhancement of Regeneration**
Matej Buzgo, Czech Technical University, Czech Republic
- P-16 Synthesis and SAR Study of Botryllamides as ABCG2 Inhibitors**
Thomas Willmes, University of Bonn, Germany
- P-17 Development of Pyrimidine Derivatives as Potent ABCG2 Inhibitors**
Jiyang Li, University of Bonn, Germany
- P-18 Investigation of ABC Transporter Inhibition by Modifying the Basic Scaffold of Phenyltetrazolyl-phenylamides**
Sebastian Köhler, University of Bonn, Germany

**This is a tentative program and subjected to change*



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