

**EuroPPS-2017
Program**

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

@ Celeste II

09:00-09:45 **Antibiotic Resistance: The Need for a Global Strategy**
David P Elder Consultancy (fGSK), UK

09:45-10:30 **The Vicious Circle: Light at Night and Melatonin Suppression, Sleep Alterations, and Clock Disruption**
Yvan Touitou, Fondation Rothschild, France

10:30-11:00 **Coffee Break**

@ Foyer

Technical Session-I

@ Celeste II

Pharmacognosy & Pharmaceutical Chemistry

Session Helen Osborn, University of Reading, UK
Chairs Glenn J. Myatt, Leadscope Inc., USA

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 **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 J. 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**

@ Restaurant el Senyoret

13:25-13:45 **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 **Fibrate-Based Analogues as PPARs Agonists: Synthesis and Structure-Activity Relationships**
Letizia Giampietro, D'Annunzio University of Chieti-Pescara, Italy

14:05-14:25 **Cell-free Tissue Engineering Based on Drug Delivery Enhancement of Regeneration**
Matej Buzgo, Czech Technical University, Czech Republic

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** *@ Foyer*
- 15:20-15:40 **Design Conception, Synthesis, Leishmanicidal Activity and Drug Likeness 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
- 16:40-17:00 **Phyto-chemistry: An Old Concept for Solving Modern Drug Problems**
Bassem Sabry, National Research Centre, Egypt

Day-2 | June 20, 2017

Technical Session-II

@ Celeste II

Pharmaceutics & Biopharmaceutics

- Session Chair* **Fatma Aydinoglu, Cukurova University, Turkey**
- 08:30-08:50 **Particle Engineer for Improved Drug Delivery (Micro/Nanocrystals)**
Ali Nokhodchi, University of Sussex, UK
- 08:50-09:10 **Spraying Technologies to Facilitate Naproxen Dissolution**
Amal Ali Elkordy, University of Sunderland, UK
- 09:10-09:30 **Electric Field Engineering of Drug Dosage Forms**
Rita Haj Ahmad, De Montfort University, UK
- 09:30-09:50 **Ring-Fused Pyrazoles for Cancer Treatment and Nanomedicine Applications**
Mauro Comes Franchini, University of Bologna, Italy
- 09:50-10:10 **Site-Directed RNA Editing for Restoration of Genetic Mutations**
Toshifumi Tsukahara, Japan Advanced Institute of Science and Technology, Japan
- 10:10-10:30 **The PK-Eye: The Need for an Ocular Flow Model for the Development of New Therapies**
Sahar Awwad, UCL School of Pharmacy, UK
- 10:30-10:45 **Coffee Break** *@ Foyer*
- 10:45-11:05 **Ocular Inserts Loaded with Chitosan Nanodispersion for Prolonged Treatment of Ocular Inflammation**
Hanan Refai, Cairo University, Egypt

- 11:05-11:25 **Improved Anti-Hyperlipidemic Activity of Rosuvastatin Calcium via Lipid Nanoparticles: Pharmacokinetic and Pharmacodynamic Evaluation**
Veerabrahma Kishan, Kakatiya University, India
- 11:25-11:45 **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

@ *Celeste II*

Pharmacology

Session Chair **Oludotun Adebayo Phillips, Kuwait University, Kuwait**

- 11:45-12:05 **The Inhibitory Effect of L-cysteine/H₂S Pathway on Contractile Response Through RhoA/Rho-kinase in Mouse Corpus Cavernosum**
Fatma Aydinoglu, Cukurova University, Turkey
- 12:05-12:25 **Ubiquinone and Ubiquinole Effects on Nitric Oxide - Related Dilation of the Rat Aorta**
Oleg Medvedev, Moscow State University, Russia
- 12:25-12:45 **Pharmacological Characterization of the Dual GPR17 Receptor**
Michela Buccioni, University of Camerino, Italy
- 12:45-13:05 **Approach to Acupuncture Application to Back-Shu, Front-Mu and Huatuojiagi Points**
Mehmet Tuğrul Cabioğlu, Başkent University, Turkey
- 13:05-13:25 **Application of In Situ Intestinal Perfusion Method to Determine Intestinal Permeability**
Selma Sahin, Hacettepe University, Turkey

13:25-14:10 Lunch Break @ *Restaurant el Senyoret*

- 14:10-14:30 **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
- 14:30-14:50 **Preclinical Insights on the Effects of Oleoylethanolamide as Novel Potential Pharmacological Treatment for Obesity and Eating Disorders**
Silvana Gaetani, Sapienza University of Rome, Italy
- 14:50-15:10 **Effects of Intrathecal Administration of Everolimus in a Triple Transgenic Mouse Model of Alzheimer's Disease**
Tommaso Cassano, University of Foggia, Italy

15:10-16:10 Workshop on

The Relationship Between Awareness Under Conscious Hypnosis (AUCH©) Method and Traditional Chinese Medicine

Ali Özden Öztürk, Society of Medical Hypnosis, Turkey

16:10-16:25 Coffee Break

@ *Foyer*

16:10-17:10 Poster Session

@ *Foyer*

Session Chair M. Teresa Carvajal, Purdue University, USA

08:30-08:50 **Exploring the Impact of Sample Flow Rate on *In vitro* Measurements of Metered Dose Inhaler Performance**

David Lewis, Chiesi Limited, UK

08:50-09:10 **Microscale Particle Image Velocimetry to Assess Powder Dispersion within a Dry Powder Inhaler**

M. Teresa Carvajal, Purdue University, USA

09:10-09:30 **Theoretical Mass Spectrometry of Testosterone and Analogues**

Kihyung Song, Korea National University of Education, South Korea

09:30-09:50 **Multimodal Biopsychosocial Pain Management and Acupuncture Toward a New Model in Clinical Practice**

Agnès Mazic de Sonis, Pain Clinic Chirec, Belgium

09:50-10:10 **Cost And Health Benefits From Integrating New Age Ayurveda Into European Health Systems**

Harsha Gramminger, Euroved GmbH, Germany

10:10-10:30 **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 and Roqaih Aldueb, King Saud University, Saudi Arabia

10:30-10:50 **Study of Silver or Gold Nanoparticles Interactions with Skin Layers by Vibrational Spectroscopy**

Adela Jentsitova, University of Chemistry and Technology, Czech Republic

10:50-11:10 **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

11:30- **Lunch & Departures**

- 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, 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** **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 and Roqaih Aldueb, King Saud University, Saudi Arabia
- 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** **Biological Activity of 2,N⁶-Disubstituted Adenosine Analogues at Adenosine Receptors**
Aleix Marti Navia, University of Camerino, Italy
- P-11** **Low Level Light Therapy Set and its Selected Applications**
Lukasz Gryko, Bialystok University of Technology, Poland
- P-12** **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-13** **GC-MS and Multivariate Analysis of Siberian Coniferous Trees**
Pavel Baranov, Sechenov University, Russia
- P-14** **Synthesis and SAR Study of Botryllamides as ABCG2 Inhibitors**
Thomas Willmes, University of Bonn, Germany
- P-15** **Development of Pyrimidine Derivatives as Potent ABCG2 Inhibitors**
Katja Silbermann and Jiyang Li, University of Bonn, Germany

- P-16 Investigation of ABC Transporter Inhibition by Modifying the Basic Scaffold of Phenyltetrazolyl-phenylamides**
Sahel Vahdati and Sebastian Köhler, University of Bonn, Germany
- P-17 The Interaction of L-cysteine/H₂S Pathway and Muscarinic Acetylcholine Receptors (mAChRs) in Mouse Corpus Cavernosum**
Fatma Tugce Dalkir, Cukurova University, Turkey
- P-18 Phytochemical Analysis and Biological Evaluation of Selected Cordia Species from Panama**
Karikas G A, Athens University of Applied Sciences, Greece
- P-19 Investigation of Intestinal Permeability of Metformin Hydrochloride in the Presence of Glyburide in Type 2 diabetes**
Selma Sahin, Hacettepe University, Ankara, Turkey



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