



Renaissance Barcelona Fira Hotel | Plaza Europa, 50
- 52 | 08902 L'Hospitalet de Llobregat | Barcelona,
Spain

Scientific Program

2nd International Conference on **Medicinal Chemistry and Drug Design** & 2nd International Conference on **Bio Equivalence & Bio Availability**

August 19-20, 2019 | Barcelona-Spain



Scientific Federation
Panjagutta, Hyderabad, Telangana-500082, India

Day 1 August 19, 2019

Fira 2

- 08:00-09:00 Registrations
09:00-09:15 Introduction & Opening Words

Plenary Forum

- 09:15-10:00 **Title: Exploring Bioenergy-Extracting Alternatives to Create Novel Strategies of Electrochemically-Steered Herbal Medication**
Bor-Yann Chen, National I-Lan University, Taiwan
- 10:00-10:45 **Title: SOAT2-Selective Inhibitors: from Natural Product to Semi-Synthetic Derivatives and Synthetic Small Molecules**
Hiroshi Tomoda, Kitasato University, Japan
- 10:45-11:30 **Title: Predator Stress Induces Behavioral Disorders and Disturbs Activity of the Limbic-Hypothalamo-Pituitary-Adrenal Axis only in Slow Metabolizers**
Vadim Tseilikman, South Ural State University, Russian Federation

Refreshments Break 11:30-11:45 @ Foyer

Keynote Forum

- 11:45-12:20 **Title: Design and Synthesis of Novel Inhibitors of Cancer Associated Enzymes**
Raivis Zalubovskis, Latvian Institute of Organic Synthesis, Latvia
- 12:20-12:55 **Title: Engineered Biodegradable Oil Core Based Nanocarriers**
Raffaele Vecchione, Istituto Italiano Di Tecnologia, Italy

13:00-13:05

Group Photo

Lunch Break 13:05-14:00 @ Restaurant

Oral Talks

Sessions Computer Aided Drug Designing-CADD | Natural Products Drug Discovery | Medicinal Chemistry & Drug Discovery | Perspective in Drug Discovery |

Session Chair Raivis Zalubovskis, Latvian Institute of Organic Synthesis, Latvia

- 14:00-14:25 **Title: Bacterial and Cancer Cell Membranes as Therapeutic Target : How Computational Tools Can Help?**
Rebeca Garcia-Fandino, Santiago de Compostela University, Spain
- 14:25-14:50 **Title: Inhibition of Human Hyaluronidase Hyal-1 by a Polymer Isolated from the Roots and Stems of Symphytumasperum**
Ketevan Lomsadze, University of Georgia , Georgia
- 14:50-15:15 **Title: Design and Pharmacological Evaluation of Ibuprofen Amides Derivatives as Dual FAAH/CO Xinhibitors**
Federica Moraca, University Federico II of Naples, Italy
- 15:15-15:40 **Title: Amphibian Skin Secretion as a Source of Anti-Proliferative and Antimicrobial Peptides**
Miryan Rivera I, Pontificia Universidad Católica del Ecuador, Ecuador
- 15:40-16:05 **Title: EnteropathogenicE. Coli Hijacks Programmed Host-Cell Death Pathways by Interfering with the Higher Order Oligomerization of Immune System Proteins**
Ana Monserrat Marta-nez, EMBL Australia Node in Single Molecule Science, Australia

Refreshments Break 16:05-16:20 @ Foyer

- 16:20-16:45 **Title: :Fighting Glioblastoma Multiforme by Simultaneous Targeting of RGD-Integrins and MDMs Proteins**
Valeria La Pietra, University Federico II of Naples, Italy
- 16:45-17:10 **Title: Study of Bee Venom Effect on Collagen Type II Induced Joint Arthritis Model**
Bilguun.G, Mongolian Association of Apitherapy, Mongolia

- 17:10-17:35** **Title: Influence of Garidi Traditional Tape on Experimental Chronic Arthritis Model Induced by Freund's Adjuvant Induction in Rats**
Uuganbayar Baatartsogt, Mongolian National University of Medical Science, Mongolia
- 17:35-18:00** **Title: Development of Triazines as Prohibitin Ligands to Explore the Regulation of Melanogenesis**
Djehal Amel, Ecole Nationale Supérieure de Biotechnologie, Algeria

Video Sessions

- 18:00-18:20** **Title: Synthetic Cannabinoids, Biologic Cannabinoids, the Endocannabinoid System, and Their Relationship to Obesity, Diabetes, and Depression**
David A. Dawson, Northcentral University, USA

Poster Presentation

- P-001** **Title: Liquid Chromatography-Tandem Mass Spectrometry for Variation Analysis in Glycosylation Patterns of Site-Directed Mutagenized Glycoprotein**
Yeong Hee Ahn, Cheongju University, South Korea
- P-002** **Title: Largazole, a Promising Scaffold for HDAC Inhibitors**
Matteo Borgini, University of Siena, Italy
- P-003** **Title: New Ruthenium Complexes Structural Analogues of Key Drug Candidates – Synthesis, Structure, Solution Behavior and Cytotoxicity**
Galina Gencheva, Sofia University, Bulgaria
- P-004** **Title: A Series of Palladium(III), Platinum(III) and Gold(II) Complexes with Hematoporphyrin IX – Impact of the Chemical Structure on Cytotoxicity**
Daniela Tsekova, Sofia University, Bulgaria
- P-005** **Title: Studies on the Solution Behavior of Novel Platinum(IV) Complexes with a N,O-Chelating Ligand Designed as Potential Cytotoxic Agents**
Vyara Velcheva, Sofia University, Bulgaria
- P-006** **Title: A Quantum-Chemical Approach in Searching of Descriptors for QSAR Studies of Metal-Based Antitumor Agents**
Paulina Gorolomova, Sofia University, Bulgaria
- P-007** **Title: Electrochemical Monitoring on the Formation of “Platinum Blues” of Creatinine, Creatine and Allantoin**
Borislava Georgieva, Sofia University, Bulgaria
- P-008** **Title: Cytotoxicity and Modes of Action of 2'-Hydroxy-2,3,4,5,4',5',6'-Heptamethoxychalcone and Other Flavonoids from Polygonum Nepalense Against Drug Sensitive and Multidrug-Resistant Cancer Cell Lines**
Djiogueu Tchinda Bilida Sandrine, University of Dschang, Cameroon
- P-009** **Title: Synthesis and Biological Evaluation of Pyrrolo[2,1-f][1,2,4] Triazine C-Nucleosides with a Ribose, 2'-Deoxyribose, and 2',3'-Dideoxyribose Sugar Moiety**
Qingfeng Li, Rega Institute for Medical Research, KU Leuven, Belgium

Day 2 August 20, 2019

Fira 2

Oral Talks

Sessions **Regulatory Requirements of Pharmaceutical Products | Pharmacology and Toxicology | Bioavailability and Bioequivalence Studies |**

- 10:00-10:25** **Title: Regulation of Orphan Drugs in Brazil: Registration and Incorporation**
Vanessa dos Santos Pinto Vieira, Pontifical Catholic University, Brazil
- 10:25-10:50** **Title: Nsaids Attenuate Nociceptive Hyperalgesia Evoked by TRP Channels' Agonists**
Merab Tzagareli, I.Beritashvili Center of Experimental Biomedicine, Georgia
- 10:50-11:15** **Title: Outside The Box Thinking in Bioequivalence Studies**
Simona Nicoleta Duna, 3S Pharmacological Consultation, Romania

Refreshments Break 11:15-11:30 @ Foyer

Poster Presentations

- P-001** **Title: Optimizing The Formulation and The Study Design to Assess the Comparative Bioavailability of A New Film-Coated Tablet (Combination of Spironolactone 50mg, Pioglitazone 7.5mg, and Metformin 850mg) Versus the Same Individual Components in Healthy Women, Under Fed Conditions**
Maria Rosa Ballester Verneda, Autonomous University of Barcelona, Spain
- P-002** **Title: Effect of Calcium Receptor (Car) Activity on Blood Glucose Level in The Presence of K_{ATP} Channel Opener in Rats**
Anna Szczoczarz, Medical University of Gdańsk, Poland
- P-003** **Title: Role of Estradiol and Follicle Stimulating Hormone in the Development of Osteoarthritic Degeneration**
Petya Ganova, The Stephan Angeloff Institute of Microbiology, Bulgaria
- P-004** **Title: Bioequivalence Study of Two Rivaroxaban Tablet Formulations, Administered Orally After Being Crushed and Suspended in Apple Puree**
Simona Rizea Savu, 3S Pharmacological Consultation, Germany
- P-005** **Title: The Study of Bioavailability of Lovastatin from Shiitake Material**
Włodzimierz Opoka, Jagiellonian University Medical College, Poland
- P-006** **Title: Evaluation of Photostability of Bexarotene in the Presence of UV Absorbers**
Włodzimierz Opoka, Jagiellonian University Medical College, Poland
- P-007** **Title: Analysis of Dietary Supplements Containing Selected Fat-Soluble Vitamins**
Malgorzata Starek, Jagiellonian University Medical College, Poland
- P-008** **Title: Analysis of Metronidazole in Variable Environment Conditions with Chromatographic-Densitometric Method**
Malgorzata Starek, Jagiellonian University Medical College, Poland
- P-009** **Title: Stability Investigation on the Interaction between Cefepime Hydrochloride and Various Medicinals**
Monika Dabrowska, Jagiellonian University Medical College, Poland
- P-010** **Title: Simultaneous Determination of Water-Soluble B Vitamins**
Monika Dabrowska, Jagiellonian University Medical College, Poland
- P-011**
Boris Nemzer, Futureceuticals, US

Lunch Break 13:00-14:00 @ Restaurant

End of the Conference

Bookmark Your Dates

3rd International Conference on

Medicinal Chemistry and Drug Design

August 17-18, 2020 | Venice, Italy