



Athens Institute for Education and Research

A World Association of Academics & Researchers



2nd Annual International Conference on Pharmaceutical Sciences, 4-7 May 2015, Athens, Greece

Organized by the **Health Sciences Research Division** of ATINER

Conference Venue: Titania Hotel, 52 Panepistimiou Avenue, Athens, Greece (close to *Omonoia* metro station)

Monday 4 May 2015

07:45-08:40 Registration and Refreshments

08:40-09:05 (ROOM B) Welcome & Opening Remarks

- Dr. Gregory T. Papanikos, President, ATINER
- Dr. George Poulos, Vice-President of Research, ATINER & Emeritus Professor, University of South Africa, South Africa.
- Gregory A. Katsas, Head, Sociology Research Unit & Associate Professor, The American College of Greece-Deree College, Greece.
- Dr. Zoe Boutsioli, Director, Health Sciences Research Division, ATINER.

09:05-09:15 Break

09:15-10:50 Session I (ROOM H-10th FLOOR): Pharmacy Practice & Recent Trends in Pharmacognosy

Chair: Ms. Olga Gkounta, Researcher, ATINER.

1. Arthur Nelson, Professor and Founding Dean, Texas Tech University Health Sciences Center School of Pharmacy, USA. Past and Future Drivers of Pharmacy Education and Practice in the United States.
2. Marisa Cabeza, Professor and Researcher, Universidad Autonoma Metropolitana, Mexico, Yesica Medina, Student, Instituto Tecnologico de Milpa Alta, Mexico, Berenice Alvarez, Student, Universidad Nacional Autonoma, Mexico, Isabel Moreno, Academic Technician, Universidad Autonoma Metropolitana, Mexico & Eugene Bratoeff, Universidad Nacional Autonoma, Mexico. Biological Activity of Novel 17 β -Phenylcarbamoyl-Androst-4-En-3-One as Inhibitors of Type 2 5 α -Reductase Enzyme.
3. Shamimul Hasan, Assistant Professor, Jamia Millia Islamia, India & Shazina Saeed, University of Pittsburgh, USA. Role of Amlexanox and Rebamipide in Recurrent Aphthous Stomatitis Case Series and Review of Literature.
4. Ketan Ruparelia, Research Fellow, De Montfort University, U.K., Matteo Micucci, Research Fellow, Bologna University, Italy, Alberto Chiarini, Professor, Bologna University, Italy, Giulia Baccherini, Pharmacist, Bologna University, Italy, Roberta Budriesi, Professor, Bologna University, Italy, Randolph Arroo, Reader, De Montfort University, U.K., Keti Zeka Zeka, Research Fellow, L'Aquila University, Italy, Maria Adelaide Continenza, Professor, L'Aquila University, Italy & Kenneth Beresford, Senior Lecturer, De Montfort University, U.K. Resveratrol and Synthetic Analogues: From Cardioprotective Effects to Anticancer Activities.

10:50-11:00 Break

11:00-12:20 Session II (ROOM H-10th FLOOR): Recent Developments in Drug Delivery Systems I

Chair: Arthur Nelson, Professor and Founding Dean, Texas Tech University Health Sciences Center School of Pharmacy, USA.

1. Anil Philip, Associate Professor, Pharmaceutics, University of Nizwa, Oman, Betty Philip, Lecturer, Pharmaceutics, University of Nizwa, Oman, Afaf Weli, Associate Professor, Chemistry and Associate Dean, University of Nizwa, Oman, Qasim Al Riyami, Assistant Dean, University of Nizwa, Oman, Donald Cairns, Professor, Chemistry and Head, The Robert Gordon University, UK, Colin Thompson, Lecturer, Pharmaceutics, The Robert Gordon University, UK, Issa Al Amri, Director, DARIS, University of Nizwa, Oman, Ahlam Al Abri, Laboratory Technician, Chemistry, University of Nizwa, Oman & Hanna Al Senani, Clinical Instructor, University of Nizwa, Oman. In-Situ Fiber Optic Analysis for Controlled Release of Budesonide Nanospheres through an Asymmetric Membrane Capsule.
2. Beata Sarecka-Hujar, Researcher, Medical University of Silesia, Poland, Ewa Dlugosz, Researcher, Medical University of Silesia, Poland, Andrzej Jankowski, Head, Department of Drug Form Technology, Medical University of Silesia, Poland, Barbara Majka, Student, Medical University of Silesia, Poland & Anna Banyas, Researcher, Medical University of Silesia, Poland. Assessment of the Release of Trimetazidine from Orally Disintegrating Tablets (ODTs).
3. Hanna Kotlowska, Research Assistant, Medical University of Gdansk, Poland, Karolina Owcarz, Student, Medical University of Gdansk, Poland & Malgorzata Sznitowska, Head, Department of Pharmaceutical Technology, Medical University of Gdansk, Poland. The Effect of Compression Forces on the Quality of Minitablets Prepared from Granules Containing Verapamil or Metoprolol.
4. Khaled Khaled, Professor, El-Minia University, Egypt, Walid Faisal, Assistant Professor, El-Minia University, Egypt, Hanaa Fathelbab, Associate Professor, El-Minia University, Egypt & Emad Abdel Naeem, Assistant Professor, El-Minia University, Egypt. Preparation and Evaluation of Fast Dissolving Silymarin.

12:20-13:20 Lunch

13:20-15:00 Session III (ROOM H-10th FLOOR): Emerging Trends in Pharmaceutical Chemistry and Analysis I**Chair:** Sathiyarayanan Lohidasan, Associate Professor, Bharati Vidyapeeth, Deemed University, India

1. Shyh-Chyun Yang, Professor and Director, Department of Fragrance and Cosmetic Science, Kaohsiung Medical University, Taiwan & Bai-Jing Peng, Student, Kaohsiung Medical University, Taiwan. Direct Palladium-Catalyzed Allylation of 2,3-Disubstituted Indoles with Allylic Alcohols in Water.
2. Michele Vitolo, Professor, University of Sao Paulo, Brazil & Ester Junko Yoriyaz, Post-doctoral Fellow, University of Sao Paulo, Brazil. Reduction of Prochiral Ketones by NAD(H)-Dependent Alcohol Dehydrogenase Using a Membrane Reactor.
3. Mugdha Suryawanshi, Assistant Professor, Bharati Vidyapeeth Deemed University-Poona, India, V.M. Kulkarni, Bharati Vidyapeeth Deemed University-Poona, India, S.H. Bhosle, Bharati Vidyapeeth Deemed University-Poona, India & K.R. Mahadik, Bharati Vidyapeeth Deemed University-Poona, India. Synthesis and Antidepressant Activity of Some new Derivates of Benzimidazoles.
4. Dongqi Han, Researcher, Shenzhen Institute for Drug Control, China. A Novel Strategy for Quantification of 14 Major Hydrophilic and Lipophilic Bioactive Components in Six *Salvia* Species.

15:00-15:10 Break**15:10-17:10 Session IV (ROOM H-10th FLOOR): Recent Trends in Pharmacognosy****Chair:** Pinar Erkekoglu, Associate Professor, Hacettepe University, Turkey.

1. Andrzej Jankowski, Head, Department of Drug Form Technology, Medical University of Silesia, Poland, Ewa Dlugosz, Researcher, Medical University of Silesia, Poland, Kazimiera Klementys, Researcher, Medical University of Silesia, Poland, Mieczyslaw Sajewicz, Researcher, Medical University of Silesia, Poland & Beata Sarecka-Hujar, Researcher, Medical University of Silesia, Poland. Optimization of Spray Drying of Liquid Extracts from *Rhodiola Rosea L.* Roots and Rhizomes.
2. Sathiyarayanan Lohidasan, Associate Professor, Bharati Vidyapeeth, Deemed University, India, Arulmozhi Sathiyarayanan, Assistant Professor, Bharati Vidyapeeth Deemed University, India, Kakasaheb Mahadik, Professor, Bharati Vidyapeeth Deemed University, India & Anant Paradkar, Professor, Bradford University, U.K. Comparative Pharmacokinetic Study of Solvent Free Self Emulsifying Extract against Conventional Extract of *Centella Asiatica* Linn.
3. Jeongmi Lee, Assistant Professor, Sungkyunkwan University, South Korea. Development and Application of Green Solvent-Based Extraction of Bioactive Compounds.
4. Funmilola Omoya, Senior Lecturer, The Federal University of Technology, Nigeria, Abdul Momoh, Ph.D. Student, The Federal University of Technology, Nigeria & Anuoluwapo Adeyemo, Student, The Federal University of Technology, Nigeria. Assessment of the Bio-Repellent Property of Methanolic Extracts of Some Plants against *Anopheles* Mosquito.
5. Tales Alexandre Costa-Silva, Post Doctor, Sao Paulo University – USP, Brazil, David Isidoro Camacho Cordova, Post Doctor, Sao Paulo University – USP, Brazil, Suellen Feitosa, Sao Paulo University – USP, Brazil & Adalberto Pessoa-Jr, Professor, Sao Paulo University – USP, Brazil. Production of L-Asparaginase by Filamentous Fungi.

17:10-18:15 Break**18:15-20:30 Session V (ROOM E-10th Floor): An International Symposium on Diabetes****Chair:** Anil Mandal, Academic Member, ATINER & Courtesy Clinical Professor, Department of Medicine, University of Florida, USA.

1. Mukesh Doble, Professor, IIT Madras, India & Pranav Kumar Prabhakar, Assistant Professor, Lovely Professional University, India. Synergistic Interaction between Phytochemicals and Oral Antidiabetic Drugs Leading to Enhanced Glucose Uptake in Cells.
2. Jeanne Ngogang, Professor, University of Yaounde I, Cameroon, Bruno Mukette, Ph.D. Student, University of Yaounde I, Cameroon, Anatole Constant Pieme, Lecturer, University of Yaounde I, Cameroon, Proper Cabral Biapa, Lecturer, University of Yaounde I, Cameroon, Vicky Jocelyne Ama Moor, Lecturer, University of Yaounde I, Cameroon, Pauline Nanfack, Ph.D. Student, University of Yaounde I, Cameroon & Marcel Azabji, Lecturer, University of Yaounde I, Cameroon. Evaluation of the Hypoglycaemic, Hypolipidemic and Antioxidant, Properties of a Cameroonian Polyherbal Formulation on Diabetic Rats.
3. Tai Liang Guo, Associate Professor, University of Georgia, USA & Wan-I Oliver Li, Associate Professor, University of Georgia, USA. Sexually Dimorphic Effects of Genistein in Various Murine Diabetic Models.
4. Kasturi Sen Ray, Retired Professor, SNTD Women's University, India & Neha Paharia, Ph.D. Graduate, SNTD Women's University, India. Relative Glycemic and Insulinemic Response of Staple Indian Foods in Type 2 Diabetic Patients.
5. Doina Popov, Head of Pathophysiology and Pharmacology Department, Institute of Cellular Biology and Pathology "N. Simionescu" of the Romanian Academy, Romania. Organelles Stress and Their Crosstalk within Diabetic Myocardium.
6. Richik Tripathi, Professor, Banaras Hindu University, India & Deepa Pokharia, Research Scholar, Banaras Hindu University, India. CYR61 as a Factor Involved in the Pathogenesis of Impaired Wound Healing in Type 2 Diabetes Mellitus.
7. Neha Paharia, Ph.D. Graduate, SNTD Women's University, India & Kasturi Sen Ray, Retired Professor, SNTD Women's University, India. Impact of Specific Processing of Rice on Postprandial Glycemic and Insulinemic Responses in Individuals with Type 2 Diabetes Mellitus.
8. Anil Mandal, Courtesy Clinical Professor, Department of Medicine, University of Florida, USA. Diagnosis and Men-percent of Diabetes and Relationship of d-Glucose to Preservation of Kidney Function.

21:00-23:00 Greek Night and Dinner (Details during registration)

Tuesday 5 May 2015

08:00-10:00 Session VI (ROOM H-10th FLOOR): Current Pharmacological Trends and Other Issues

Chair: Shamimul Hasan, Assistant Professor, Jamia Millia Islamia, India.

1. Sung Won Kwon, Associate Professor, Seoul National University, Korea. Novel Approach for Predicting Long-Term Side Effects of Drugs by Mass Spectrometry Based Metabolomics.
2. Michał Markuszewski, Associate Professor, Medical University of Gdansk, Poland, Renata Bujak, Ph.D. Student, Medical University of Gdansk, Poland, Wiktoria Struck-Lewicka, Assistant, Medical University of Gdansk, Poland, Arlette Yumba Mpanga, Assistant, Medical University of Gdansk, Poland, Katarzyna Polonis, Assistant, Medical University of Gdansk, Poland, Marta Kordalewska, Ph.D. Student, Medical University of Gdansk, Poland, Michał Hoffmann, Assistant Professor, Medical University of Gdansk, Poland & Krzysztof Narkiewicz, Professor, Medical University of Gdansk, Poland. Metabolomics in Search for a Biomarkers of Resistant Hypertension.
3. Mohammed Shamssain, Associate Professor, Ajman University of Science and Technology, UAE, Saeed Abdulla, MSc Clinical Pharmacy, Dubai Hospital, UAE, Aya Rahman Lafta, MSc Clinical Pharmacy, Dubai Hospital, UAE. Baseline Pharmaceutical Intervention Study on Asthma, Rhinitis and Eczema in Uae Schoolchildren.
4. Bashar Altaani, Associate Professor, Jordan University of Science and Technology, Jordan. Influence of the Formulation Factors of Structured Polymeric Aggregates Nanoparticles Preparations Based on Chitosan on the Release Characteristics of Diclofenac.
5. Ugo Pradere, Senior Scientist, ETH Zurich, Switzerland, Martina Roos, Ph.D. Student, ETH Zurich, Switzerland & Jonathan Hall, Professor, ETH Zurich, Switzerland. Method Identifying low Molecular Weight Modulators of miRNA Biogenesis.
6. Sofia Bogiatzi, Resident in Internal Medicine, University Hospitals of Geneva, Switzerland, Victoria Rollason, University Hospitals of Geneva, Switzerland, Dionysios Adamopoulos, University Hospitals of Geneva, Switzerland & Nicole Vogt-Ferrier, University Hospitals of Geneva, Switzerland. "AMELIO": Epidemiology of Adverse Drug Events in a Geriatric Setting Detected by an Adaptation of the IHI Trigger Tool Methodology.

10:00-10:10 Break

10:10-12:00 Session VII (ROOM H-10th FLOOR): Emerging Trends in Pharmaceutical Chemistry and Analysis II

Chair: Jeongmi Lee, Assistant Professor, Sungkyunkwan University, South Korea.

1. Roman Kaliszan, Professor, Medical University of Gdansk, Poland. Application of Chemometrically Processed Chromatographic Data in Medicinal Chemistry, Molecular Pharmacology and Laboratory Diagnostics.
2. Pinar Erkekoglu, Associate Professor, Hacettepe University, Turkey. Protective Effects of Different Antioxidants against the Molecular Toxicity, Genetic and Epigenetic Alterations Induced By 3,5-Dimethylaminophenol.
3. Tomasz Baczek, Associate Professor, Medical University of Gdansk, Poland, Mariusz Belka, Research Assistant, Medical University of Gdansk, Poland & Szymon Ulenberg, Ph.D. Student, Medical University of Gdansk, Poland. Metabolic Stability of Drugs Evaluated with the Use of Liquid Chromatography/Mass Spectrometry and Supported by Chemometrics Techniques.
4. Dina Abbas Ahmed Mostafa, Teaching Assistant, Future University, Egypt, Maha Faruk, Professor, Future University, Egypt, Soheir Weshahy, Professor, Future University, Egypt & Omar Abdel-Aziz, Associate Professor, Future University, Egypt. Novel Stability Indicating Techniques for Determination of Albendazole in Bulk Drug and Pharmaceutical Dosage Form.
5. Didem Oral, Ph.D. Student, Hacettepe University, Turkey. Effects of Phthalates on Epithelial Mesenchymal Transition.
6. Pankaj Miniyar, Professor and HOD (Pharmaceutical Chemistry), Sinhgad Institute of Pharmacy, India. Design, Synthesis and Anti-Tubercular Screening of 3-Aminopyrazine 2-Carbohydrazide Derivatives by Microwave Acceleration and Lyophilization.

12:00-14:30 Urban Walk (Details during registration)

14:30-15:30 Lunch

19:00- 20:30 Dinner (Details during registration)

Wednesday 6 May 2015
Cruise: (Details during registration)

Thursday 7 May 2015
Delphi Visit: (Details during registration)