



3rd Annual International Conference on Pharmaceutical Sciences, 2-5 May 2016, Athens, Greece

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

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

Monday 2 May 2016

07:30-08:30 Registration and Refreshments

08:30-09:00 (ROOM B-Mezzanine Floor) 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.

09:15-10:30 Session I (ROOM E-10th FLOOR): Advancing and Emerging Trends in Pharmacology and Biochemistry

Chair: Olga Gkounta, Researcher, ATINER.

1. Anna Goraca, Professor and Director, Chair of Experimental and Clinical Physiology, Medical University of Lodz, Poland & Beata Skibska, Professor, Medical University of Lodz, Poland. [Oxidative Stress in Skeletal Muscle: Role of Nrf2 and Effect of \$\alpha\$ -Lipoic Acid](#).
2. Lincy Joseph, Professor and Head, Pushpagiri College of Pharmacy, India & Mathew George, Principal and Professor, Pushpagiri College of Pharmacy, India. [Anticonvulsant Activity of Certain Novel Isoxazole Derivatives](#).
3. Michele Vitolo, Professor, University of São Paulo, Brazil, Juliana Rodrigues Ract, Professor, University of São Paulo, Brazil & Sara Anunciação Braga Silva, Young Fellow, University of São Paulo, Brazil. [Feasibility on the Use of Acid Value for Evidencing the Esterification of Glycerol with Caprylic Acid Catalyzed by Lipase](#).
4. Noujoum Zmouli, Assistant Professor, University Hospital Establishment of Oran (EHUO), Algeria, Lamia Ait Ouali, Assistant, University Hospital Establishment of Oran (EHUO), Algeria, Houari Toumi, Chief of Department Pharmacology, University Hospital Establishment of Oran (EHUO), Algeria & Mohamed Hammadi, Professor, University Hospital Establishment of Oran (EHUO), Algeria. [Monitoring Antiplatelet Therapy: Contribution Biological Tests to Screen a Resistance](#).

10:30-12:00 Session II (ROOM E-10th FLOOR): Trends in Drug Delivery and Formulating Development I

Chair: Lincy Joseph, Professor and Head, Pushpagiri College of Pharmacy, India.

1. Kirti Rani, Assistant Professor, Amity University Uttar Pradesh, India. Preparation of Pennisetum Glaucum Amylase Loaded Bovine Serum Albumin Nanoparticles by Desolvation Method.
2. Ahmed Donia, Lecturer, Tanta University, Egypt, Omar Mady, Associate Professor, Tanta University, Egypt & Esmat Zein Eldin, Tanta University, Egypt. [Lipid Based Matrices as Colonic Drug Delivery System for Diflunisal \(In-vitro, In-vivo Study\)](#).
3. Magdalena Paczkowska, Ph.D. Student, Poznan University of Medical Sciences, Poland, Daria Szymanowska-Powalowska, Assistant Professor, Poznan University of Life Sciences, Poland, Wioletta Blaszcak, Assistant Professor, Institute of Animal Reproduction and Food Research, Poland & Judyta Cielecka-Piontek, Assistant Professor, Poznan University of Medical Sciences, Poland. [Impact Studies of Biopolymers on Solubility of Poorly Water Soluble Drugs: A Case Study of Tebipenem Pivoxil](#).
4. Flavia Laffleur, Researcher, University of Innsbruck, Austria. Novel Potential Excipient for Buccal Delivery.
5. Hossein Zolfagharian, Associate Professor, Razi Institute, Iran. Preparation and Characterization of Chitosan Nanoparticles Containing Compsobuthus Scorpion Venom.

12:00-13:30 Session III (ROOM E-10th FLOOR): Recent Trends in Modern Pharmaceutical Chemistry and Analysis**Chair:** Michele Vitolo, Professor, University of São Paulo, Brazil.

1. Vivekanand Chatpalliwar, Professor, and Head, SNJB's Shriman Sureshdada College of Pharmacy, India, Saurabh C. Khadse, R. C. Patel Institute of Pharmaceutical Education and Research, India & Chandrashekar D. Upasani, SNJB's Shriman Sureshdada College of Pharmacy, India. [Design, Docking, Synthesis and *in vitro* Binding Studies of Few Benzamide Derivatives with Glucokinase Enzyme.](#)
2. Ayemen Yassin, Associate Professor, Cairo University, Egypt, Norhan Sheraba, Quality Control Specialist, VACSERA, Egypt, Magdy Amin, Professor, Cairo University, Egypt & Hamdallah Zedan, Professor, Cairo University, Egypt. Comparison between Different Endotoxin Removal Methods Applied during Pharmaceutical Quality Control Testing of Antisera Preparation.
3. Beata Morak-Mlodawska, Lecturer, Medical University of Silesia, Poland, Krystian Pluta, Professor, Medical University of Silesia, Poland, Małgorzata Jeleń, Lecturer, Medical University of Silesia, Poland, Małgorzata Latocha, Head of Department of Cell Biology, Medical University of Silesia, Poland & Kinga Suwińska, Professor, Institute of Physical Chemistry, Polish Academy of Sciences, Poland. [Synthesis and Anticancer Action of Novel Diazaphenothiazine Derivatives.](#)

13:30-14:30 Lunch**14:30-16:30 Urban Walk (Details during registration)****16:30-18:00 Session IV (ROOM E-10th FLOOR): Emerging Trends in the Field of Pharmacognosy****Chair:** Vivekanand Chatpalliwar, Professor, and Head, SNJB's Shriman Sureshdada College of Pharmacy, India.

1. Mohammad Hudaib, Professor and Vice Dean, Faculty of Pharmacy, The University of Jordan, Jordan. Experimental Validation of Ethnopharmacological Data Obtained via Informant Consensus Factor (ICF) and Use Value (UV) for Some Anti-microbial Jordanian Medicinal Plants and Chemical Evaluation of the Active Volatile Oils.
2. Louisa Barre, Head of Research Unit, University of Normandy, France, Narinée Hovhannisyan, Student, University of Normandy, France, Stéphane Guillouet, Engineer, University of Normandy, France & Martine Dhilly, Assistant Engineer, University of Normandy, France. [Imaging Lymphoma: \[18F\]Fludarabine PET/CT from Bench to Bedside.](#)
3. Efthymia-Eleni Tsioutsou, Researcher, University of Siena, Italy, Elisabetta Miraldi, Confirmed Researcher, University of Siena, Italy, Paolo Governa, Researcher, University of Siena, Italy, Marco Biagi, Senior Researcher, University of Siena, Italy, Paolo Giordani, Senior Researcher, University of Genoa, Italy & Laura Cornara, Associate Professor, University of Genoa, Italy. [Skin Wound Healing: From Mediterranean Ethnobotany to Evidence based Phytotherapy.](#)
4. Wongsakorn Suchaoin, Ph.D. Student, University of Innsbruck, Austria, Sonja Bonengel, Ph.D. Student, University of Innsbruck, Austria, Shah Hussain, Postdoctoral Researcher, University of Innsbruck, Austria, Christian Huck, Professor, University of Innsbruck, Austria, Benjamin Ma, Ph.D. Student, University of Innsbruck, Austria & Andreas Bernkop-Schnürch, Professor, University of Innsbruck, Austria. Mucoadhesive and Efflux Pumps Inhibitory Properties of Thiolated Polymers.

18:00-20:00 Session V (ROOM E-10th Floor): An International Symposium on Diabetes**Chair:** George Poulos, Vice-President of Research, ATINER & Emeritus Professor, University of South Africa, South Africa.

1. Lucia-Doina Popov, Head of Pathophysiology and Pharmacology Department, Institute of Cellular Biology and Pathology "N. Simionescu" of the Romanian Academy, Romania. [Cardiomyocyte Mitochondrial Networking in Diabetes.](#)
2. Fatima Regina Silva, Professor, Federal University of Santa Catarina, Brazil, Camila Pires Mendes, MSc Student, Federal University of Santa Catarina, Brazil, Bárbara Graziela Postal, MSc Student, Federal University of Santa Catarina, Brazil, Mayara Brich, Undergraduated Student, Federal University of Santa Catarina, Brazil, Ana Luiza Ludwig Moraes, Undergraduated Student, Federal University of Santa Catarina, Brazil, Allisson Jhonatan Gomes Castro, Ph.D., Pos-Doc Student, Federal University of Santa Catarina, Brazil, Patricia Devantier Neuenfeldt, Ph.D., Pos-Doc Student, Federal University of Santa Catarina, Brazil, Ricardo José Nunes, Professor, Federal University of Santa Catarina, Brazil & Marisa Jádna Silva Frederico, Ph.D., Pos-Doc Student, Federal University of Santa Catarina, Brazil. Mechanism of Action of New Associated Analogues Glibenclamide/Pioglitazone on Glucose Homeostasis.
3. Yasser Bustanji, Professor, University of Jordan, Jordan, Mohammad Hudaib, University of Jordan, Jordan, Hatim AlKhatib, University of Jordan, Jordan, Mohammad Mohammad, University of Jordan, Jordan & Ihab Almasri, Al-Azhar University, Gaza Strip. Identification of New Compounds from *Ginkgo Biloba* Extract as Potential Pancreatic and Hormone Sensitive Lipase Inhibitors for Management of Obesity.
4. Andriana Margariti, Lecturer, Queen's University Belfast, UK. Restoring the Endothelial Cell Function in Diabetic Patients through the Novel and Powerful Approach of Cell Reprogramming.

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

Tuesday 3 May 2016

09:00-11:00 Session VI (ROOM E-10th FLOOR): Diabetes, Obesity and Nutrition

Chair: Aymen Yassin, Associate Professor, Cairo University, Egypt.

1. Mayadah Shehadeh, Associate Professor, The University of Jordan, Jordan. [Complementary and Alternative Modalities Prevalence as a Weight Control tool in Jordan.](#)
2. Ghadeer Suaifan, Associate Professor, The University of Jordan, Jordan. [Design, Synthesis and *in Vivo* Biological Evaluation of Novel Hypoglycemic Glycosylated Sulfonylureas.](#)
3. Abd. Malik, Lecturer, Universitas Muslim Indonesia, Indonesia & Aktsar Roskiana Ahmad, Lecturer, Universitas Muslim Indonesia, Indonesia. Antidiabetical Effect of Standardized Extract of Indonesian Kanunang Leaves (*Cordia Myxa* L.).
4. Raghuram Kandimalla, Ph.D. Research Scholar, Institute of Advanced Study in Science and Technology, India, Sanjeeb Kalita, Ph.D. Research Scholar, Institute of Advanced Study in Science and Technology, India, Bhaswati Choudhury, Ph.D. Research Scholar, Institute of Advanced Study in Science and Technology, India, Jibon Kotoky, Professor, Institute of Advanced Study in Science and Technology, India, Suvakanta Dash, Professor, Girijananda Chowdhury Institute of Pharmaceutical Science, India & Muthiah Ramanathan, Professor, PSG College of Pharmacy, India. Development and Elucidation of Mechanism of Action of Poly Herbal Formulations to Treat Diabetic Neuropathic Pain.
5. Patrick Nwabueze Okechukwu, Assistant Professor, UCSI University, Malaysia, Teo Swee Sen, UCSI University, Malaysia, Gabriele Anisah Froemming, UiTM, Jalan Hospital, Malaysia, Gabriel Akyirem Akuwoah, UCSI University, Malaysia & Sophia Ogechi Ekeuku, UCSI University, Malaysia. [Antidiabetic and Antioxidant Effect of Palmatine in STZ- Induced Diabetic Rat Model.](#)

11:00-12:30 Session VII (ROOM E-10th FLOOR): Health Care Current and Emerging Issues

Chair: Mathew George, Principal and Professor, Pushpagiri College of Pharmacy, India.

1. Walter E. Mueller, Emeritus Professor, Goethe-University of Frankfurt, Germany. [Mitochondrial Dysfunction, Common Final Pathway for Aging an Alzheimer's Disease: Therapeutic Aspects.](#)
2. Umesh Pratap Verma, Associate Professor, King George's Medical University, India, Jaya Dixit, Professor & Head, Department of Periodontology, King George's Medical University, India & Anil K. Balapure, Professor & Head, Department of Biochemistry & Tissue Cell Culture, CSIR, Central Drug Research Institute (CDRI), India. [Evaluation of a Novel Mouthwash from *Azadirachta Indica* and Chlorhexidine on Human Gingival Fibroblast \(Hgf\) Cell Line.](#)
3. Diego Mauricio Quijano Prieto, Researcher, Universidad Nacional de Colombia, Colombia, Esperanza Holguin, Professor, Pontificia Universidad Javeriana, Colombia & Jose Orozco, Professor, Universidad Nacional de Colombia, Colombia. [Patient's Knowledge, Attitudes and Practices about Remaining Drugs Disposal. An Ecopharmacovigilance Approach Bogotá 2015.](#)
4. Laila J. Badran, Independent Expert & Former Advisor to the Minister of Health for Drug Affairs, Jordan. Lessons from the Past: How the Clinical Pharmacy Practice was established in Jordanian Governmental Hospitals?

12:30-14:00 Session VIII (ROOM E-10th FLOOR): Medicinal Plants and Current Research

Chair: Walter E. Mueller, Emeritus Professor, Goethe-University of Frankfurt, Germany.

1. Ketan Ruparelia, Research Fellow, De Montfort University, U.K., Matteo Micucci, Research Fellow, Bologna University, Italy, Alberto Chiarini, Professor, Bologna University, Italy, Roberta Budriesi, Professor, Bologna University, Italy, Randolph Arroo, Reader in Natural Products, De Montfort University, U.K., Keti Zeka Zeka, Research Fellow, L'Aquila University, Italy, Maria Adelaide Continenza, Professor of Human Anatomy, L'Aquila University, Italy & Vasilis Androutopoulos, Senior Research Fellow, University of Crete, Greece. [Petals of *Crocus Sativus* L. as a Potential Source of the Antioxidants Crocin and Kaempferol.](#)
2. Bhaswati Choudhury, Ph.D. Research Scholar, Institute of Advanced Studies in Science and Technology, India, Raghuram Kandimalla, Ph.D. Research Scholar, Institute of Advanced Studies in Science and Technology, India & Jibon Kotoky, Professor, Institute of Advanced Studies in Science and Technology, India. [Antioxidant and Anticancer Activity of *Garcinia Morella* Fruit on T cell Murine Lymphoma.](#)
3. Vera Isaac, Professor, Faculty of Pharmaceutical Sciences, UNESP (University Estadual Paulista), Brazil. [Blemish Balm Cream Development Starting from Vegetable Raw Material.](#)

14:00-15:00 Lunch

15:00-16:30 Session IX (ROOM E-10th FLOOR): Trends in Drug Delivery and Formulating Development II

Chair: Ketan Ruparelia, Research Fellow, De Montfort University, U.K

1. Philip Chi Lip Kwok, Assistant Professor, The University of Hong Kong, China & Mung Yu Chow, Student, The University of Hong Kong, China. [Inhaled Lidocaine Powder for Oropharyngeal Anaesthesia](#).
2. Solmaz Ghaffari, Assistant Professor, Islamic Azad University, Iran & Parisa Jourghanian, Islamic Azad University, Iran. [Preparation and Evaluation of Sustained Release Curcumin Loaded Solid Lipid Nanoparticles](#).
3. Omar Mady, Associate Professor, Tanta University, Egypt. [A New Mathematical Approach for Investigation the Mechanisms of Drug Release and Determination the Percent of Each](#).

20:30- 22:00 Dinner (Details during registration)

Wednesday 4 May 2016
Cruise: (Details during registration)

Thursday 5 May 2016
Delphi Visit: (Details during registration)