



Athens Institute for Education and Research  
*A World Association of Academics & Researchers*



**1<sup>st</sup> Annual International Conference on Pharmaceutical Sciences, 5-8 May 2014, Athens, Greece**

**Organized by the**  
**Health Research Unit of ATINER**

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

**Monday 5 May 2014**

**08:00-08:30 Registration**

**08:30-08:45 Welcome and Opening Remarks**

- Dr. George Poulos, Vice-President of Research, ATINER & Emeritus Professor, University of South Africa, South Africa.
- Dr. Gregory T. Papanikos, President, ATINER.
- Dr. Zoi Boutsoli, Deputy Head, Health Research Unit, ATINER & Instructor, Open University of Greece.
- Dr. David M. Wood, Academic Member, Health Research Unit & Chemistry Research Unit, ATINER & Research Fellow, Institute of Pharmaceutical Sciences, King's College London, U.K.

**08:45-10:30 Session I (Room B): Pharmacology/Biochemistry**

**Chair:** David M. Wood, Academic Member, Health Research Unit & Chemistry Research Unit, ATINER & Research Fellow, Institute of Pharmaceutical Sciences, King's College London, U.K.

1. Jun-Rong Du, Professor and Head of Department of Pharmacology, Sichuan University, China. Immunomodulation Through TLR/Peroxiredoxin Signaling Contributes to the Neuroprotective Effect of Ligustilide Against Cerebral Ischemia.
2. Khairia Youssef, Professor, Future University, Egypt, Iten Mamdouh, Assistant Lecturer, Future University, Egypt, Nasser Saad, Associate Professor, Ain Shams University, Egypt, Joachim Gullbo, Professor, Uppsala University, Sweden & Khaled Abouzid, Vice Dean & Professor, Ain Shams University, Egypt. Novel Curcumin Analogs Modeling, Synthesis, Tubulin Polymerization and Cytotoxic Assays.
3. Gangadharappa Hosahalli Veerabhadrappe, Assistant Professor, Department of Pharmaceutics, JSS College of Pharmacy, Sri Shivarathreshwara Nagar, Mysore, India. Formulation and Evaluation of Celecoxib Nanospogne Hydrogels for Topical Application.
4. Krishna Kamsagara Linganna, Assistant Professor, Department of Pharmacology, JSS College of Pharmacy, JSS University, Mysore, Karnataka, India. Cardioprotective Activity of Fruit Extract of Momordica Dioca Roxb. on Isoproterenol Induced Toxicity on Rats.
5. Sonia Al-Qadi, Postdoc Fellow, University of Copenhagen, Denmark. Grasshopper Brain Barrier for CNS Drug Discovery: Transcriptomic and Functional Analysis of Efflux Transporters.
6. Caroline Magnani, PhD Student, Pharmaceutical Sciences University, Brazil. In Vitro Safety Evaluation of Caffeic Acid.

**10:30-12:00 Session II (Room B): Medical Issues and New Developments**

**Chair:** Jun-Rong Du, Professor and Head of Department of Pharmacology, Sichuan University, China.

1. Carolyn Henry, Professor, University of Missouri, USA. One Health and its Relevance to Biomedical Research and Drug Discovery.
2. Munirah Ismail, PhD Student, National University of Singapore, Singapore. Development of Transcatheter Heterotopic Valves to Treat Tricuspid Regurgitation.
3. Hale Ergin, PhD Student, Selcuk University, Turkey & Seyfullah Haliloglu, Professor Doctor, Selcuk University, Turkey. Is Irisin A Miracle to Weight Loss?
4. Buthaina Al Asfoor, Nursing Supervisor, Ministry of Health, Kingdom of Bahrain. The Correlation between Type A Personality and the Risk for Coronary Heart Disease.
5. Nadiyah Wan-Arfah, PhD Student, Universiti Sains Malaysia, Malaysia. Short-Term and Long-Term Survival Probabilities in First-Ever Stroke Patients.

**12:00-13:30 Session III (Room B): General Health Care Issues I****Chair:** Khairia Youssef, Professor, Future University, Egypt.

1. Susan Parish, Director, Brandeis University, USA, Kathleen Thomas, Researcher, University of North Carolina at Chapel Hill, USA, M Mitra, E Son, A Bonardi & P Swoboda. A National Profile of Deliveries by Women with Intellectual Disabilities in the US: Maternal Characteristics and Pregnancy Outcomes.
2. Kathleen Sternas, Associate Professor, Seton Hall University, USA. Teenage Pregnancy Prevention in Canada, Greece, Philippines, and the United States: Evaluation of an Evidence-Based Intervention to Reduce Risky Behaviours and Promote Abstinence and Health in Teenagers.
3. Leslie Graham, Adjunct Professor, University of Ontario, Canada. All Through the Night: An Interprofessional Simulation.

**13:30-14:30 Lunch (details during registration)****14:30-16:00 Session IV (Room B): Plants****Chair:** Dr. K. L. Krishna, Professor, JSS College of Pharmacy, JSS University, Mysore, Karnataka, India.

1. Perwez Alam, Assistant Professor, King Saud University, Kingdom of Saudi Arabia. Stability Indicating Densitometric HPTLC Method for Quantitative Analysis of Biomarker Naringin in the Leaves and Stems of *Rumex Vesicarius* L.
2. Selvaraj Kunjiappan, Research Scholar, Department of Chemical Engineering, Jadavpur University, Kolkata, India, Ranjana Chowdhury, Professor, Jadavpur University, India & Chiranjib Bhattacharjee, Professor, Jadavpur University, India. Antioxidant Activity and Hepatoprotective Potential of Azolla Microphylla Phytochemically Synthesized Gold Nanoparticles on *Cyprinus Carpio* L. in Vitro and in Vivo.

**16:00-17:30 Session V (Room B): Drug Delivery and Other Issues****Chair:** Selvaraj Kunjiappan, Research Scholar, Department of Chemical Engineering, Jadavpur University, Kolkata, India.

1. Omneya Mohammed Khowessah, Associate Professor, Cairo University, Egypt, Raguia Ali Shoukri, Professor, Cairo University, Egypt & Abdulaziz Mohsen Al-Mahallawi, Teaching assistant, Cairo University, Egypt. Nano-Transfersomal Ciprofloxacin Loaded Vesicles for Otological Non-Invasive Delivery of Ciprofloxacin to the Middle Ear.
2. Aly Ahmed Abdelbary, Assistant Professor, Cairo University, Egypt, Ibrahim Elsaye Assistant Professor, Cairo University, Egypt & Ahmed H. Elshafeey, Associate Professor, University of Waterloo, Canada. Nanosizing of a Poorly Soluble Drug, Diacerein by High Pressure Homogenization: Process Optimization, Factorial Analysis and Pharmacokinetic Study in Healthy Human Volunteers.
3. Anandkumar Tengli, Assistant Professor, Department of Pharmaceutical Chemistry, JSS College of Pharmacy, JSS University, Mysore, Karnataka, India. `.
4. Joana Marto, Aida Duarte, Luis Gouveia, Teresa Cidade, Pedro Pinto, Eduardo Oliveira, Antonio Aimeida, Helena Ribeiro, Laboratorios Atral, Portugal. Starch Pickering Emulsion: A Safe Vehicle for Topical Drug Delivery.
5. Joshua Boateng, Lecturer, University of Greenwich, UK, Sajjad Khan, PhD Student, University of Greenwich, UK, Vivek Trivedi, Lecturer, University of Greenwich, UK & John Mitchell, Emeritus Professor, University of Greenwich, UK. Formulation and Characterisation of Oral Thin Films for Buccal Mucosa Drug Delivery for Paediatric Patients.

**21:00–23:00 Greek Night (Details during registration)**

**Tuesday 6 May 2014**

**08:00-10:30 Session VI (Room B): Medicines Use**

**Chair:** Mohammad Alhumayyd, Professor of Pharmacology, King Saud University, Saudi Arabia

Terezinha de Jesus Andreoli Pinto, Professor, Sao Paulo U., Brasil. Impact Evaluation of Changes in the Manufacturing Line of the Cyproterone Acetato through Analysis of Comparative Dissolution Profile.

1. Mervat Kassem, Assistant Professor, Alexandria University, Egypt, Dina Raafat, Lecturer, Alexandria University, Egypt, Hamida AbouShlieb, Professor, Alexandria University, Egypt, Nourhan Fanaki, Professor, Alexandria University, Egypt. Biochemical versus Molecular Methods in the Detection of Bacterial Contaminants in Some Egyptian Pharmaceuticals in Egypt.
2. Anil Mandal, Consultant Nephrologist, University of Florida, USA. Glycemic control with Intensive Insulin Treatment Fundamental to Fundamental to Renal Preservation in Diabetes.
3. Flavia Laffleur, Researcher, University of Innsbruck, Austria & Andreas Bernkop-Schnurch, Professor, University of Innsbruck, Austria. Preactivated Thiomers for their Potential in the Treatment of Dry Mouth Syndrome.
4. Balamuralidhara V., Assistant Professor, Department of Pharmaceutics, JSS College of Pharmacy, JSS University, Mysore, Karnataka, India. Formulation And Evaluation Of Environmental Responsive Nanoparticles For Colon Targeted Drug Delivery System.
5. Afrasim Moin, Assistant Professor, Department of Pharmaceutics, JSS College of Pharmacy, JSS University, Mysore, Karnataka, India. Formulation and Evaluation of Dual Drug Conjugate Loaded Nanoparticles for the Treatment of Cancer.

**10:30-12:30 Session VII (Room B): In Vivo/Animal Studies**

**Chair:** Anil Mandal, Consultant Nephrologist, University of Florida, USA.

1. Mohammad Alhumayyd, Professor of Pharmacology, King Saud University, Saudi Arabia, Ishfaq Bukhari, Assistant Professor of Pharmacology, King Saud University, Saudi Arabia & Abdulrahman Almotrefi, Professor of Pharmacology, King Saud University, Saudi Arabia. Piperine and Ketoconazole Increase Plasma Domperidone Concentrations in the Rat.
2. Saleh Samira, Professor, Cairo University, Egypt, El-Maraghy Nabila, Zagazig University, Egypt, Barakat Waleed, Zagazig University, Egypt & Reda Enji, October 6 University, Egypt. Modulation of Diabetes and Dyslipidemia in Diabetic Insulin-Resistant Rats by Mangiferin: Role of Adiponectin and TNF- $\alpha$ .
3. Babita Bhatia, PhD Student, Mumbai University, India & Purushottam G Kale, Associate Professor and Head Ramniranjan Jhunjhunwala College, India. Potential of Mica Nanoparticles in Correcting Heat Induced Changes In Structural and Biochemical Aspects of Testes of Albino Wistar Rats.
4. Cristina Mello-Sampayo, Professor, Faculdade de Farmácia Universidade de Lisboa, Portugal, \*Cristina Marques, Professor, Faculdade de Farmácia Universidade de Lisboa, Portugal, Helena Canhão, Professor Rheumatology, Instituto de Medicina Molecular, Faculdade de Medicina da Universidade de Lisboa, Portugal, Beatriz Silva-Lima, Full Professor, Head of Department Pharmacological Sciences Unit, iMed.Ulissboa, Faculdade de Farmácia, Universidade de Lisboa, Ana Lopes, Instituto de Medicina Molecular, Faculdade de Medicina da Universidade de Lisboa, Portugal, Bruno Vidal, Rheumatology Research Unit, Instituto de Medicina Molecular, Faculdade de Medicina da Universidade de Lisboa, Portugal, Duarte Stilwell, Veterinary, Clinica Veterinária de Colares, Sintra, Portugal & Alaíde Agripino, Student, Unidade de Biotecnologia Ambiental (UBiA), Departamento de Ciências e Tecnologia da Biomassa, Faculdade de Ciências e Tecnologia da Universidade de Lisboa, Portugal. Effects of Ovariectomy on the Bone Structure and Bone Turnover in Diabetic Female Rats.

**12:30-13:30 Lunch (Details during registration)**

**13:30-16:00 Session VIII (Room B): Formulation and Other Issues**

**Chair:** Flavia Laffleur, Researcher, University of Innsbruck, Austria

1. Sara Raposo, Researcher, Laboratorio Edol, Portugal, Manuela Urbano, Technical and Production Manager. Laboratório Edol, Portugal, Helena Ribeiro, Associate Professor, University of Lisboa, Portugal. Scale Up of a Low Energy Process For The Production of Oil in Water Emulsions Containing Mometasone Furoate.
2. Vera Isaac, Professor, UNESP-University Estadual Paulista, Brasil. Físico Químico Behavior and Photoprotector of Emulsified Systems Undergone to Termic Stress of an International Travel.

**17:30-23:00 Urban Walk (Details during registration)**

**21:00-22:00 Dinner (Details during registration)**

**Wednesday 7 May 2014**

**Cruise:** (Details during registration)

**Thursday 8 May 2014**

**Delphi Visit:** (Details during registration)