



**5<sup>th</sup> Annual International Conference on Chemistry, 17-20 July 2017, Athens, Greece**

**Organized by the Chemistry Unit**

**Sponsored by the Athens Journal of Sciences**

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

**Monday 17 July 2017**

**08:00-09:00 Registration and Refreshments**

**09:00-09:30 (Room B-10<sup>th</sup> Floor) Welcome and Opening Address**

Gregory T. Papanikos, President, ATINER.

**09:30-11:00 Session I (Room D-10<sup>th</sup> Floor): Medicinal Chemistry & Synthesis**

**Chair:** Olga Gkounta, Researcher, ATINER.

1. Kamal Kumar, Research Group Leader, Max Planck Institute of Molecular Physiology, Germany. Nature Inspired Synthesis Targeting “Common” and “Diverse” Scaffolds.
2. Milan Antonijevic, Principal Lecturer, University of Greenwich, UK, Ovidiu Novac, University of Greenwich, UK & Beatriz Sanchon-Lopez, University of Greenwich, UK. Assessment of Skin Occlusion Performance of Two Commercially available Emollient Gels.
3. Sanaa Sabour Alaoui, Assistant Professor, Sultan Moulay Slimane University, Morocco & Latifa Bouissane, Assistant Professor, Sultan Moulay Slimane University, Morocco. TWEAK New Therapeutic Target for Inflammatory Skin Diseases.

**11:00-12:30 Session II (Room D-10<sup>th</sup> Floor): Synthesis and Nanomaterials I**

**Chair:** Alaide Braga de Oliveira, Emeritus Professor, Federal University of Minas Gerais – UFMG, Brazil.

1. Thomas J. J. Mueller, Professor, University of Dusseldorf, Germany, Alissa C. Götzinger, University of Dusseldorf, Germany & Melanie Denissen, University of Dusseldorf, Germany. Consecutive Multicomponent Syntheses of Pyrazoles – Diversity-oriented Approach to Blue Emitters and Emission Solvatochromic Dyes.
2. Robert Moonsamy Gengan, Associate Professor, Durban University of Technology, South Africa & Murugesan Arul, Durban University of Technology, South Africa. Preparation and Characterisation of a Boron Nitride Fused Sulfonic Acid Catalyst for the Synthesis of new Active Acridine Derivatives.
3. Marwa El-Hussieny Awad Mohamed, Researcher, National Research Centre, Egypt, Mansoura A. Abd-El-Maksoud, Researcher, National Research Centre, Egypt, Soher S. Maigali, Professor, National Research Centre, Egypt & Fouad M. Soliman, Professor, National Research Centre, Egypt. Reaction of Active and Stabilized Phosphours Ylides with Pyridine-diethanone and Oxopropanenitrile.

**12:30-14:00 Session III (Room D-10<sup>th</sup> Floor): Natural Products Chemistry**

**Chair:** Thomas J. J. Mueller, Professor, University of Dusseldorf, Germany.

1. Jasim Salman, Deputy Dean and Assistant Professor, Al-Nisour University College, Iraq. Optimization Study of Preparation Twigs Tamarisk Trees Activated Carbon for Removal of Pesticides.
2. Samira Boulbaroud, Assistant Professor, Sultan Moulay Slimane University, Morocco, Latifa Didou, PhD Student, Ibn Tofail University, Morocco, Fatima-Zahra Azzaoui, Assistant Professor, Hassan II University, Morocco & Ahmed Omar Ahami, Professor, Ibn Tofail University, Morocco. *Rosmarinus Officinalis L.* Leaf Extract Improves Memory Impairment Induced by Tropane Alkaloids Extracted from *Datura Stramonium*.

**14:00-15:00 Lunch**

**15:00-16:30 Session IV (Room C-10<sup>th</sup> Floor): Special Topics in Sciences I**

**Chair:** Robert Moonsamy Gengan, Associate Professor, Durban University of Technology, South Africa.

1. Daniel Schertzer, Professor, Ecole des Ponts ParisTech, France & Ioulia Tchiguirinskaia, Ecole des Ponts ParisTech, France. Spatial Chaos, Multifractal Vector Fields and Stochastic Clifford Algebra.
2. Isai Urasa, Professor, Hampton University, USA. Citizen Science in the Context of Indigenous Knowledge.

**16:30-18:30 Session V (Room B-10<sup>th</sup> Floor): A Symposium on The Future Developments and Prospects of Engineering and Science Education & Research in a Global World I**

**Chair:** Nikos Mourtos, Head, Mechanical Engineering Unit, ATINER & Professor, San Jose State University, USA.

1. Bala Maheswaran, Professor, Northeastern University, USA. Engineering Education via Innovations and Inventions (E2 via I2).
2. Itzhak Orion, Head of the Nuclear Engineering Department, Ben-Gurion University of the Negev, Israel. Nuclear Science Research and Education in Israel.
3. Jin He, Professor, Peking University, Shenzhen SOC Key Laboratory, China. New Teaching Technique and Method Function in the Engineering and Science Education and Research.
4. Haiduke Sarafian, Professor, The Pennsylvania State University, USA. The Research Aspect of College Education.
5. Thomas J. J. Mueller, Professor, University of Dusseldorf, Germany. Life Science – Society.

For details on the discussion please [click here](#).

**21:00-23:00 The Pragmatic Symposium of the Conference as Organized in Ancient Athens with Dialogues, Food, Wine, Music and Dancing but fine tuned to Synchronous Ethics**

## Tuesday 18 July 2017

### 07:30-10:30 Session VI: An Educational Urban Walk in Modern and Ancient Athens

**Chair:** Gregory Katsas, Vice President of Academic Affairs, ATINER & Associate Professor, The American College of Greece-Deree College, Greece.

Group Discussion on Ancient and Modern Athens.

Visit to the Most Important Historical and Cultural Monuments of the City (be prepared to walk and talk as in the ancient peripatetic school of Aristotle)

### 11:00-12:30 Session VII (Room D-10<sup>th</sup> Floor): A Panel on New Potent Bioactive Azole Derivatives Containing Pharmacophore Groups

**Chair:** Kamal Kumar, Research Group Leader, Max Planck Institute of Molecular Physiology, Germany.

1. Alaide Braga de Oliveira, Emeritus Professor, Federal University of Minas Gerais – UFMG, Brazil. Antimalarial Activity of Natural Products-1,2,3-Triazole Derivatives and Molecular Docking Studies.
2. Tuba Yildirim, Associate Professor, Amasya University, Turkey, Elif Senkuytu, Gebze Technical University, Turkey, Yildiz Uludag, The Scientific and Technological Research Council of Turkey (TUBITAK), Turkey & Gönül Yenilmez Ciftci, Professor, Gebze Technical University, Turkey. First Fluorenylidene Double Bridged Paraben Substituted Cyclotriphosphazene Compounds and DNA Interaction Analysis.

### 12:30-14:00 Session VIII (Room D-10<sup>th</sup> Floor): Synthesis and Nanomaterials II

**Chair:** Santhi Sambamoorthy, Associate Professor, Bharathidasan University, India.

1. Marta Palko, Lecturer, Institute of Pharmaceutical Chemistry, Hungary & Ferenc Fulop, Professor, University of Szeged, Hungary. Synthesis of Novel N-Heterocyclic Compounds Containing 1,2,3-Triazole Ring System via Domino-, "Click" and Retro Diels-Alder (RDA) Reactions.
2. Balint Lorinczi, MSc Student, University of Szeged, Hungary, Istvan Szatmari, Associate Professor, Institute of Pharmaceutical Chemistry, Hungary & Ferenc Fulop, Professor, University of Szeged, Hungary. Synthesis of Functionalized Kynurenic Acid Derivatives.

14:00-15:00 Lunch

### 15:00-16:30 Session IX (Room C-10<sup>th</sup> Floor): Special Topics in Sciences II

**Chair:** Jasim Salman, Deputy Dean and Assistant Professor, Al-Nisour University College, Iraq.

1. Santhi Sambamoorthy, Associate Professor, Bharathidasan University, India & Amala Subbiah, Lecturer, Bharathidasan University, India. Highly Selective and Sensitive Dual Channel Schiff Base Chemosensors for the Detection of Al(III), Fe(III) & Cu(II).
2. Latifa Bouissane, Assistant Professor, Sultan Moulay Slimane University, Morocco & Issam Forsal, Assistant Professor, Sultan Moulay Slimane University, Morocco. Novel Polysubstituted Indazoles Derivatives as Potential Antitumor Agents: Growth Inhibition and Apoptosis Induction.

**16:30-18:30 Session X (Room B-10<sup>th</sup> Floor): A Symposium on The Future Developments and Prospects of Engineering and Science Education & Research in a Global World II**

**Chair:** Bala Maheswaran, Professor, Northeastern University, USA.

1. Nikos Mourtos, Professor, San Jose State University, USA. Teaching & Learning Engineering in the 21st Century: Challenges and Opportunities.
2. Lluís Jofre, Professor, Polytechnic University of Catalonia (UPC), Spain. Catalonia Engineering and Science Education and Research Trends in the European Context.
3. Dong-Wook Jerng, Professor, Chung-Ang University, South Korea. Some Thoughts for Future Direction of Engineering/Science Education with Insights from a K-POP Story of BTS.
4. Isai Urusa, Professor, Hampton University, USA. International Higher Education: A Vehicle for Global Cooperation and Development in Science and Engineering.
5. Santhi Sambamoorthy, Associate Professor, Bharathidasan University, India. Creative and Inimitable Role Played by Indian Universities in Science, Engineering and Research in a Global World.
6. Ethel Petrou, Professor and Chair, Department of Physics, Erie Community College-South, State University of New York, USA. Emerging Trends in New York State Community Colleges-SUNY.

For details on the discussion please [click here](#).

**21:00- 22:30 Dinner**

**Wednesday 19 July 2017**  
**Educational Island Tour or Mycenae and Epidaurus Visit**

**Thursday 20 July 2017**  
**Delphi Visit**

All ATINER's conferences are organized by the Academic Committee (<https://www.atiner.gr/academic-committee>). This conference has been organized with the assistance of the following academics, who contributed by chairing the conference sessions and/or by reviewing the submitted abstracts and papers:

1. Gregory T. Papanikos, President, ATINER.
2. Ellene Tratras Contis, Professor of Chemistry, Eastern Michigan University, USA.
3. Thomas J. J. Mueller, Professor, University of Dusseldorf, Germany.
4. Alaide Braga de Oliveira, Emeritus Professor, Federal University of Minas Gerais – UFMG, Brazil.
5. Kamal Kumar, Research Group Leader, Max Planck Institute of Molecular Physiology, Germany.
6. Nikos Mourtos, Head, Mechanical Engineering Unit, ATINER & Professor, San Jose State University, USA.
7. Bala Maheswaran, Academic Member, ATINER & Professor, Northeastern University, USA.
8. Robert Moonsamy Gengan, Associate Professor, Durban University of Technology, South Africa.
9. Santhi Sambamoorthy, Associate Professor, Bharathidasan University, India.
10. Jasim Salman, Deputy Dean and Assistant Professor, Al-Nisour University College, Iraq.
11. Vassilis Skianis, Research Fellow, ATINER.
12. Olga Gkounta, Researcher, ATINER.
13. Hannah Howard, Research Assistant, ATINER.