



**3<sup>rd</sup> Annual International Conference on Biology, 19-22 June 2017, Athens, Greece**

**Organized by the Biology Research Unit**

**Sponsored by the Athens Journal of Sciences**

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

**Monday 19 June 2017**

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

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

Gregory T. Papanikos, President, ATINER.

**09:30-11:00 Session I (Room C-10<sup>th</sup> Floor): Mechanism of Human Disease I**

**Chair:** Richard Grimes, Adjunct Professor, University of Texas Health Science Center at Houston, USA.

1. Peter Tompa, Professor, VIB Center for Structural Biology, Belgium, Steven Boeynaems, University of Leuven, Belgium, Elke Bogaert, University of Leuven, Belgium, Denes Kovacs, Vrije Universiteit Brussel (VUB), Belgium & Ludo Van Den Bosch, University of Leuven, Belgium. Structural Disorder Promotes Phase Separation of C9orf72 Dipeptide Repeats in ALS.
2. Noha Elghazally, Lecturer, Tanta University, Egypt. Evaluation of Nutritional Care Given to Patients with Chronic Diseases Admitted at Tanta University Hospitals.
3. Natallia Puzan, Researcher, Institute of Radiobiology of the National Academy of Sciences, Belarus & Ihar Chesnyk, Director, Institute of Radiobiology of the National Academy of Sciences, Belarus. State of the Extracellular Transport System (Albumin) in Women of Gomel Region of the Republic of Belarus.

**11:00-12:30 Session II (Room C-10<sup>th</sup> Floor): Diabetes**

**Chair:** Anthony Koutoulis, Head of School of Biological Sciences, University of Tasmania, Australia.

1. Richard Grimes, Adjunct Professor, University of Texas Health Science Center at Houston, USA & Deanna Grimes, Professor, University of Texas Health Science Center at Houston, USA. A Population based Approach to Quantifying the level of Control of Hypertension and Diabetes.
2. Baris Ozgur Donmez, Assistant Professor, Akdeniz University, Turkey. The Effect of Tungstate Treatment on Poly Polymerase Activity in Diabetic Rat Testis.

**12:30-14:00 Session III (Room C-10<sup>th</sup> Floor): Mechanism of Human Disease II**

**Chair:** Peter Tompa, Professor, VIB Center for Structural Biology, Belgium.

1. Tolga Cavas, Professor, Uludag University, Turkey, Huzeyfe Huriyet, MSc Student, Uludag University, Turkey, Ozgur Vatan, Associate Professor, Uludag University, Turkey & Nilufer Cinkilic, Professor, Uludag University, Turkey. Evaluation of the In Vitro Cytotoxic and Genotoxic Effects of Parabens (Butylparaben, Methylparaben and Propylparaben) in BEAS-2B Human Lung Epithelial Cell Line.
2. SungChul Seo, Professor, Catholic University of Pusan, South Korea, Han-Jong Ko, Professor, Korea National Open University, South Korea & Dong Hyun Lee, Senior Researcher, Technology Institute of Environmental Health and Safety, South Korea. Spatiotemporal Patterns of Allergic Disease Prevalence in Korea: Looking beyond Aggregates.
3. Glenn Oyong, Academic Service Faculty, De La Salle University, Philippines, Maria Carmen Tan, Academic Service Faculty, De La Salle University, Philippines, Saeed Karami Ishghlo, Faculty of Engineering, Payam e Noor University of Bukan, Iran, Khristina Judan Cruz, Assistant Professor, Central Luzon State University, Philippines & Esperanza C. Cabrera, Professor, De La Salle University, Philippines. Preferential Regulation of *Akt*, *CD133*, *cfos* and *cjun* Genes Linked to Anti-Neoplastic Activity of *Gundelia tournefortii* L. on Malignant Melanoma Stem Cells.

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

**15:00-17:00 Session IV (Room C-10<sup>th</sup> Floor): General Topics I**

**Chair:** Taylor Robinson, Instructor, Gavilan College, USA.

1. Anthony Koutoulis, Head of School of Biological Sciences, University of Tasmania, Australia, Robert Shellie, Technology / Market Manager, Trajan Scientific Australia Pty Ltd, Australia, Laura Tedone, Postdoctoral Research Fellow, University of Tasmania, Australia, Dandan Yan, PhD Student, University of Tasmania, Australia, Aina Price, Technical Officer, University of Tasmania, Australia & Simon Whittock, Hop Breeder, Hop Products Australia, Australia. An Overview of Hop (*Humulus lupulus* L.) Research in Australia (1997-2017).
2. Leonas Valkunas, Professor, Vilnius University, Lithuania. Modeling of self-Regulation Ability of Light-Harvesting Antenna.
3. Kaouther Hamaidia, Lecturer, University Mohamed Cherif Messaadia, Algeria & Noureddine Soltani, Professor, University Badji Mokhtar, Algeria. Effects of Methoxyfenozide, a Molting Hormone Agonist, on Fecundity and Fertility of *Culex pipiens* L. (Diptera: Culicidae).

**17:00-19:00 Session V (Room D-10<sup>th</sup> Floor): A Symposium on the Future Developments and Prospects of Engineering and Science Education & Research in a Global World**

**Chair:** Lampros A. Pyrgiotis, President, Greek Society of Regional Scientists, Greece.

1. **Abhijit Deshmukh**, James J. Solberg Head and Professor, School of Industrial Engineering, Purdue University, USA. Convergence of Knowledge.
2. **Anthony Koutoulis**, Professor & Head of School of Biological Sciences, University of Tasmania, Australia. The Future Developments and Prospects of Biology Education and Research in a Global World – a Tasmanian and Australian context.
3. **LuAnn Carpenter**, Director, Student Program Assessment and Administration, Industrial and Systems Engineering, Auburn University, USA. Issues and Trends in Engineering Education at Auburn University, Alabama, United States of America.
4. **David H. Sanders**, UNR Foundation Professor, Past-Chair UNR Faculty Senate, Department of Civil and Environmental Engineering, University of Nevada, Reno, USA. Is the Future for Higher Education bright in the United States?
5. **Ravi Mukkamala**, Professor, Old Dominion University, USA. The Future of Computer Science.

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 20 June 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 C-10<sup>th</sup> Floor): Biological Mechanisms

**Chair:** Tolga Cavas, Professor, Uludag University, Turkey.

1. Semir Ozdemir, Professor, Akdeniz University, Turkey & Nihal Ozturk, Assistant Professor, Akdeniz University, Turkey. Dietary Magnesium Supplementation Alters Relaxation Kinetics and Electrical Activity of Rat Ventricular Myocytes.
2. Enis Hidisoglu, Research Assistant, Akdeniz University, Turkey, Deniz Kantar Gok, Postdoctoral Researcher, Akdeniz University, Turkey, Alev Duygu Acun, Research Assistant, Akdeniz University, Turkey, Hakan Er, Research Assistant, Akdeniz University, Turkey & Piraye Yargicoglu, Professor, Akdeniz University, Turkey. Dose Dependent Effects of Amyloid Beta 1-42 on Auditory Evoked Potentials.
3. Giulia Vendramini Ferreira, Pontificia Universidade Católica de Campinas, Brazil, Otacilio Camargo Junior, Pontificia Universidade Católica de Campinas, Brazil, Gustavo Santos, Pontificia Universidade Católica de Campinas, Brazil, Guilherme Abreu, Pontificia Universidade Católica de Campinas, Brazil, Antonio Crispim, Pontificia Universidade Católica de Campinas, Brazil & Stefano Gabriel, Pontificia Universidade Católica de Campinas, Brazil. Traumatic Arteriovenous Fistula of the Superficial Temporal Artery.

### 12:30-14:00 Session VIII (Room C-10<sup>th</sup> Floor): Respiratory Health

**Chair:** Semir Ozdemir, Professor, Akdeniz University, Turkey.

1. Joanna Reszczynska, PhD Student, National Centre for Nuclear Research, Poland, Ludwik Dobrzyński, National Centre for Nuclear Research, Poland & Krzysztof W. Fornalski, PGE EJ, Poland. Collective Data Analysis of Correlation between Lung Cancer Incidences and Residential Radon Concentration.

14:00-15:00 Lunch

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

**Chair:** Leonas Valkunas, Professor, Vilnius University, Lithuania.

1. Taylor Robinson, Instructor, Gavilan College, USA. The Critical Importance of Human Cadaver Dissection in the Study of Human Anatomy for Pre-Medical and Pre-Nursing Undergraduate Students.
2. Marcelo Boareto, Post-doc, BSSE – ETH Zurich, Switzerland. Interplay between Notch Signaling and ID Factors during Adult and Embryonic Neurogenesis.

21:00- 22:30 Dinner

## Wednesday 21 June 2017

### Educational Island Tour or Mycenae and Epidaurus Visit

## Thursday 22 June 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. Christopher Janetopoulos, Head, Biology Research Unit, ATINER & Associate Professor of Biological Sciences, University of the Sciences, USA.
3. Anthony Koutoulis, Head of School of Biological Sciences, University of Tasmania, Australia.
4. Peter Tompa, Professor, VIB Center for Structural Biology, Belgium.
5. Richard Grimes, Adjunct Professor, University of Texas Health Science Center at Houston, USA.
6. Leonas Valkunas, Professor, Vilnius University, Lithuania.
7. Taylor Robinson, Instructor, Gavilan College, USA.
8. Tolga Cavas, Professor, Uludag University, Turkey.
9. Semir Ozdemir, Professor, Akdeniz University, Turkey.
10. Lampros A. Pyrgiotis, President, Greek Society of Regional Scientists, Greece.
11. Vassilis Skianis, Research Fellow, ATINER.
12. Olga Gkounta, Researcher, ATINER.
13. Hannah Howard, Research Assistant, ATINER.