



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



4th Annual International Conference on Biology, 25-28 June 2018, Athens, Greece

Organized by the [Biology Unit](#)

Sponsored by the [Athens Journal of Sciences](#)

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

Monday 25 June 2018

08:00-08:45 Registration and Refreshments

08:45-09:30 Welcome and Opening Address (Room A - 10th Floor)

Gregory T. Papanikos, President, ATINER.

Nicholas Pappas, Vice President of Academic Membership, ATINER & Professor of History, Sam Houston University, USA.

09:30-11:00 Session I (Room D - 10th Floor): Chronic Disease and other Issues I

Chair: Bramanandam Manavathi, Associate Professor, University of Hyderabad, India.

1. Silviu Faitar, Associate Professor, D'Youville College, USA. A Serological Analysis of the Autoimmune Response Associated with Inflammatory Bowel Disease.
2. Young Jung, PhD Candidate, McMaster University, Canada, Christopher Longo, Associate Professor, McMaster University, Canada, Emile Tompa, Associate Professor, McMaster University, Canada & Philip DeCicca, Associate Professor, McMaster University, Canada. The Untold Economic Story of Cancer Diagnoses: Longitudinal Study.
3. Bin Li, Associate Professor, Jinan University, China. Aberrant Expression of Mesoderm-Specific Transcript Homolog Protein (MEST) in Lung Cancer Promotes Invasion and Metastasis.

11:00-12:30 Session II (Room C - 10th Floor): Pharmacy & Drugs**Chair:** Wei Yang, Lecturer, King's College London, UK.

1. Adel Zaki, Professor, Alexandria University, Egypt, Gamal El Sawaf, Professor, Alexandria University, Egypt, Ghada Abu-Sheasha, Lecturer, Alexandria University, Egypt & Ola Aly, Health Governance Specialist, Alexandria University, Egypt. Sales of anti-Diarrheal Drugs as an Indicator for Rationality in Treating Childhood Diarrhea, Alexandria, Egypt.
2. Shigeaki Mishima, Associate Professor, Osaka University of Economics, Japan. Job Satisfaction in Japanese Community Pharmacy.
3. Abida Perveen, General Manager Production Operations, High-Q Pharmaceuticals, Pakistan. A New Dynamic for the Safety of Drugs Product during Supply Chain - A Big Challenge- Serialization.

11:00-12:30 Session III (Room D - 10th Floor): Special Topics I**Chair:** Pravati Mahapatra, Professor, Utkal University, India.

1. Kevin Mearns, Professor, University of South Africa, South Africa & Jana Liebenberg, Graduate Student, University of South Africa, South Africa. An Evaluation of the Public Perception of the Role and Need for Zoos: A National Zoological Gardens of South Africa Perspective.
2. Nancy Haynsworth, Adjunct Professor, The Citadel, USA & Phillip Bogle, Instructor, The Citadel, USA. An Action Research Approach to Fear as an Impact on Water Safety outcomes among Adult African Americans in Charleston, SC.
3. Fredrick Okaka, Postdoctoral Research Fellow, University of Venda, South Africa. Health Vulnerability and Adaptation Measures of Households in Flood-Prone Informal Settlements in the Coastal City of Mombasa.

12:30-14:00 Session IV (Room D - 10th Floor): Chronic Disease and other Issues II**Chair:** Abida Perveen, General Manager Production Operations, High-Q Pharmaceuticals, Pakistan.

1. Maher Kamel Ahmed, Professor and Head of Biochemistry Department, Alexandria University, Egypt, Eman Abd Allah, PhD Student, Alexandria University, Egypt, Mervat Hanafi, Assistant Consultant in Biochemistry, Alexandria University, Egypt, Shima Mahmoud, Lecturer, Alexandria University, Egypt & Madiha Helmy, Professor, Alexandria University, Egypt. The Metabolic Effect of Estrogen in Ovariectomized Female Rats Mediated through Modulation of miR-33a and miR-34a Expression.
2. Helen Naug, Senior Lecturer, Griffith University, Australia, Natalie Colson, Senior Lecturer, Griffith University, Australia & Indu Singh, Associate Professor, Griffith University, Australia. Targeting Diabetes in the Workplace: An Intervention Aimed at Raising Awareness and Reducing Occupational Risk Factors among Transport Workers.
3. Magdalena Barbara Kaziuk, PhD Student, Jagiellonian University, Poland & Waldemar Kosiba, Medical Doctor, Stefan Żeromski Hospital in Kraków, Poland. Influence of Hypertension on the Body Balance.
4. Ibrahim Gosadi, Associate Professor, King Saud University, Saudi Arabia. Assessment of the Influence of Family History of Type 2 Diabetes or Hypertension on the Physical Activity Pattern of Adolescents Aged 15-25 Years.

14:00-15:00 Lunch**15:00-17:00 Session V (Room C - 10th Floor): General Issues****Chair:** Chux Gervase Iwu, Assistant Dean of Research and Innovation, Cape Peninsula University of Technology, South Africa.

1. Marianne Vardalos, Professor, Laurentian University, Canada. Not a Chemical Imbalance; a Power Imbalance. Why the Biomedical Narrative of Depressive Disorders must be Replaced by a Sociological Critique of Neoliberal Meritocracy.
2. Yim Wah Mak, Associate Professor, The Hong Kong Polytechnic University, Hong Kong. Association between Screen Viewing Duration, Sleep Duration, Sleep Quality and Quality of Life among Young Children in Hong Kong: Implications for University Students Engagement in Service Learning.
3. Wei Yang, Lecturer, King's College London, UK. Catastrophic Health Payments among Older People in China. What if we Count for Indirect Costs?
4. Robertson Tengeh, Head, Department of Entrepreneurship and Business Management, Cape Peninsula University of Technology, South Africa & Phikiso Ziyanda, Graduate Student, Cape Peninsula University of Technology, South Africa. Intra-Family Succession in South African Townships: Women's Account of the Desirable Attributes.
5. Ting Zhang, Weifang Medical University, China & Yuhan Zhao, Weifang Medical University, China. The Present Situation and Countermeasures of the Residual Risk of Blood Transfusion - Taking Weifang City as an Example.
6. Ramesh Kumar, Assistant Professor, Health Services Academy / Chulalongkorn University, Pakistan / Thailand. Correlates of Knowledge, Attitude and Practices about Health Care Waste Management among Health Workers of Pakistan.

17:00-19:00 Session VI (Room A - 10th Floor): ATINER's 2018 Series of Academic Dialogues A Symposium Discussion on *Future Developments and Prospects of Engineering and Science Education & Research in a Global World*

Chair: Nicholas Pappas, Vice President of Academic Membership, ATINER & Professor of History, Sam Houston University, USA.

1. Dimitrios Goulias, Head, Civil Engineering Unit, ATINER and Associate Professor & Director of Undergraduate Studies Civil & Environmental Engineering Department, University of Maryland, USA. University of Maryland's Civil Engineering Education & Research Activities in the Global World.
2. Ram Balachandar, Professor, University of Windsor, Canada. Recent Developments in Engineering Education and Research – The Canadian Experience.
3. Fouad Mohammad, Senior Lecturer, Nottingham Trent University, UK. Teaching Civil and Structural Engineering for the Next Generation.
4. Jeh-Nan Pan, Professor and CSQ Fellow, National Cheng Kung University and Chinese Society for Quality, Taiwan. Quantitative Education for Creating an Interface between Statistics and Engineering.
5. Timothy M. Young, Director, Center for Business & Manufacturing Excellence (CBME) & Professor and Graduate Director, Center for Renewable Carbon, The University of Tennessee, USA. The Importance of Data Quality Management in the Era of Predictive Analytics.
6. Theodore Trafalis, Director, Engineering & Architecture Division, ATINER, Professor of Industrial & Systems Engineering and Director, Optimization & Intelligent Systems Laboratory, The University of Oklahoma, USA. Future Developments of Engineering and Science Education & Research in a Big Data Era.

21:00-23:00 Greek Night and Dinner

Tuesday 26 June 2018

07:45-11:00 Session VII: An Educational Urban Walk in Modern and Ancient Athens

Chair: Gregory A. 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)

11:15-13:00 Session VIII (Room D - 10th Floor): Special Topics II

Chair: Maher Kamel Ahmed, Professor and Head of Biochemistry Department, Alexandria University, Egypt.

1. I-Ming Jou, Orthopedic Surgeon, Vice Superintendent, E-Da Hospital, Taiwan, Chia-Lung Li, Orthopedic Surgeon, National Cheng Kung University, Taiwan, I-Chien Chen, Orthopedic Surgeon, E-Da Hospital, Taiwan, Chien-An Shih, Orthopedic Surgeon, National Cheng Kung University Hospital, Taiwan, Chao-Liang Wu, Director Professor, National Cheng Kung University, Taiwan, Fang-Lin Chiu, Assistant Manager, National Cheng Kung University Hospital, Taiwan, Wei-Ren Su, Chairman of Orthopedic Department, National Cheng Kung University Hospital, Taiwan, Po-Ting Wu, Orthopedic Surgeon, National Cheng Kung University Hospital, Taiwan & Shih-Yao Chen, Postdoctoral Fellow, National Cheng Kung University Hospital, Taiwan. Inhibition of CD44 Induces Apoptosis, Inflammation and Matrix Metalloproteinase Expression in Tendinopathy.
2. Bramanandam Manavathi, Associate Professor, University of Hyderabad, India. G2/M Regulator HPIP is a Substrate of Anaphase Promoting Complex/Cyclosome APC/Ccdc20 during Mitosis.
3. Pravati Mahapatra, Professor, Utkal University, India. A Study on Retinoic Acid induced Formation of Blood Vessels during Tail Regeneration in the Indian Tree Frog *Polypedates Maculatus*.
4. Wei-Jen Chang, Associate Professor, Hamilton College, USA. RNA-seq of the Fish Parasite *Ichthyophthirius Multifiliis*.

13:00-14:00 Lunch

14:00-15:30 Session IX (Room C - 10th Floor): Interventions

Chair: Stephen David Edwards, Emeritus Professor and Research Fellow, University of Zululand, South Africa

1. Harald Stummer, Professor, UMIT – University for Health Sciences, Medical Informatics and Technology, Austria, Klaus Buttinger, Medical Doctor, Associate Researcher, UMIT – University for Health Sciences, Medical Informatics and Technology, Austria & Silvia Angerer, Senior Scientist, UMIT – University for Health Sciences, Medical Informatics and Technology, Austria. The Influence of Imaging on Stroke Outcome – Evidence from Austria.
2. Hanan Elkafafi, Assistant Professor, King Saud bin Abdulaziz University for Health Sciences, Saudi Arabia. Factors Affecting Nutritional Adequacy Delivered by Enteral Tube Feeding Among ICU Patients.
3. Patrice De Micco, Postdoc, University of Siena, Italy, Maria Pia Maraghini, Assistant Professor, University of Siena, Italy & Tiziana Spadafina, Researcher, Fondazione Achille Sclavo ONLUS, Italy. An Economic and Financial Analysis for the Sustainable Introduction of a Vaccine against Invasive non Typhoidal Salmonella (iNTS) in Sub-Saharan Africa.

15:30-17:00 Session X (Room C - 10th Floor): Formal and Informal Care

Chair: Norma Raynes, Director, From Generation to Generation, England, UK.

1. Sime Smolic, Assistant Professor, University of Zagreb, Croatia, Marija Beg, Assistant Professor, University of Zagreb, Croatia & Tamara Sliskovic, Assistant Professor, University of Zagreb, Croatia. Working Hours across Physician Specialties in Croatia – Key Findings and Implications.
2. Diana Pacheco Barzallo, Research Fellow, Schweizer Paraplegiker-Forschung, Switzerland. Formal Care & Working Decisions. The Situation of Informal Caregivers.
3. Michael O’Driscoll, Researcher, Middlesex University, UK. The UK Health and Social Care Act (2012) and New Public Management – More of the Wrong Medicine?
4. Xin He, PhD Student, University of Macau, Macau, China. Satisfaction Survey among Primary Health Care Outpatients in Backward Region: Empirical Study from Rural Western China.
5. Wilfried Guets, PhD Student, University of Lyon, France, Matthias Schell, Oncologist Specialist, Institute of Hematology and Pediatric Oncology (IHOP), France, Anne Lefranc, Head of Alqualine, ALQUALINE, France, David Perol, Head of the Clinical Research and Innovation Direction Department, Centre Léon Bérard, France & Lionel Perrier, Team Manager of the Area “Innovations and Strategies”, Centre Léon Bérard, France. Determinant of Respite Needs According to the Informal Caregiver’s Characteristics: Results from the French Handicap-Santé-“Aidants Informels” Survey.

20:00- 21:30 Dinner

**Wednesday 27 June 2018
Mycenae and Island of Poros Visit
Educational Island Tour**

**Thursday 28 June 2018
Delphi Visit**

**Friday 29 June 2018
Ancient Corinth and Cape Sounion**

All ATINER’s conferences are small events which serve the mission of the association (<https://www.atiner.gr/mission>) under the guidance of its Academic Committee (<https://www.atiner.gr/academic-committee>) which sets the policies (<http://www.atiner.gr/acceptance>). In addition, each conference has its own academic committee. Members of the committee include all those who have evaluated the abstract-paper submissions and have chaired the sessions of the conference. The members of the academic committee of the 4th Annual International Conference on Biology, 25-28 June 2018, Athens, Greece, were the following:

1. Gregory T. Papanikos, President, ATINER.
2. Nicholas Pappas, Vice President of Academic Membership, ATINER & Professor of History, Sam Houston University, USA.
3. Christopher Janetopoulos, Head, Biology Unit, ATINER & Associate Professor of Biological Sciences, University of the Sciences, USA.
4. Anthony Koutoulis, Director, Natural & Formal Sciences Division and Associate Dean Research, College of Sciences and Engineering, University of Tasmania, Australia.
5. Andriana Margariti, Head, Medicine Unit, ATINER & Senior Lecturer in Stem Cells and Vascular Diseases, Centre for Experimental Medicine, Queen’s University Belfast, UK.
6. Pravati Mahapatra, Professor, Utkal University, India.
7. Maher Kamel Ahmed, Professor and Head of Biochemistry Department, Alexandria University, Egypt.
8. Bramanandam Manavathi, Associate Professor, University of Hyderabad, India.
9. Norma Raynes, Director, From Generation to Generation, England, UK.
10. Chux Gervase Iwu, Academic Member, ATINER & Assistant Dean of Research and Innovation, Cape Peninsula University of Technology, South Africa.

11. Stephen David Edwards, Emeritus Professor and Research Fellow, University of Zululand, South Africa.
12. Wei Yang, Lecturer, King's College London, UK.
13. Abida Perveen, Academic Member, ATINER & General Manager Production Operations, High-Q Pharmaceuticals, Pakistan.
14. Sophia Kelaini, Research Fellow, Queen's University Belfast, UK.

The Organizing Committee of the conference was:

1. Fani Balaska, Researcher, ATINER.
2. Olga Gkounta, Researcher, ATINER.
3. Hannah Howard, Research Assistant, ATINER.
4. Eirini Lentzou, Administrative Assistant, ATINER.
5. Konstantinos Manolidis, Administrator, ATINER.
6. Kostas Spyropoulos, Administrator, ATINER.