

AMF



SCHOOL OF MEDICINE



ARISTOTLE UNIVERSITY  
OF THESSALONIKI



HELLENIC REPUBLIC  
MINISTRY OF FOREIGN AFFAIRS  
GENERAL SECRETARIAT FOR GREEKS  
ABROAD AND PUBLIC DIPLOMACY



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HELLENIC SOCIETY OF  
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# ARISTOTLE MEDICAL FORUM 2022

## INTERNATIONAL CONFERENCE OF HELLENIC MEDICAL DIASPORA

Under the auspices of:

- Ministry of Health
- Ministry of Interior  
(Sector Macedonia Thrace)

**15-17 / 7 / 2022**

**THESSALONIKI  
CONCERT HALL  
BUILDING M2**

ΧΟΡΗΓΟΙ ΕΠΙΧΩΡΙΝΙΑΣ / MEDIA SPONSORS:



**EPT 3**

**ΠΡΑΚΤΟΡΕΙΟ** ATHENS - MACEDONIAN  
NEWS AGENCY





## WELCOMING ADDRESSES

Το Τμήμα Ιατρικής του Αριστοτελείου Πανεπιστημίου Θεσσαλονίκης σε συνεργασία με τη Γενική Γραμματεία Απόδημου Ελληνισμού & Δημόσιας Διπλωματίας του Υπουργείου Εξωτερικών διοργανώνουν - στο πλαίσιο του ετήσιου Aristotle Medical Forum (AMF) - το 1ο Παγκόσμιο Πανομογενειακό Ιατρικό Συνέδριο. Το Συνέδριο, το οποίο τελεί υπό την αιγίδα του Υπουργείου Εσωτερικών (Τομέας Μακεδονίας - Θράκης) και του Υπουργείου Υγείας πραγματοποιείται από 15 έως και 17 Ιουλίου, στη Θεσσαλονίκη (Μέγαρο Μουσικής M2).

Το AMF αποτελεί ένα κοινό πεδίο συνάντησης της Ιατρικής Επιστήμης με την Τεχνολογία, Βιομηχανία και την Κοινωνία. Το φετινό AMF, με τίτλο «*Ο Ιπποκράτης συναντά τον Αριστοτέλη*» έχει ως σκοπό τη συγκέντρωση στο Πανεπιστήμιο, που φέρει το όνομα του Αριστοτέλη, των απανταχού Ελλήνων ιατρών που έχουν δώσει τον όρκο του Ιπποκράτη, προκειμένου να ενώσουν τις δυνάμεις τους για την πρόοδο της Επιστήμης και τη διάδοση του Ελληνισμού σε όλο τον κόσμο. Με τον τρόπο αυτό, το 1ο Παγκόσμιο Πανομογενειακό Ιατρικό Συνέδριο θα έχει τη σφραγίδα των Hellenic Medical Societies.

Η διοργάνωση απευθύνεται στο ευρύτερο κοινωνικό σύνολο και στοχεύει στην ανάδειξη των καινοτόμων επιτευγμάτων της Ιατρικής και της Βιοιατρικής Τεχνολογίας, στον σχεδιασμό δράσεων από την Πολιτεία και τη Βιομηχανία, προς την κατεύθυνση της προαγωγής της Δημόσιας Υγείας. Το Συνέδριο θα τιμήσουν με την παρουσία τους επιφανείς ερευνητές και διακεκριμένοι επιστήμονες από όλο τον κόσμο.

Η πραγματοποίηση παράλληλων συνεδρίων, διευκολύνει τη σφυρηλάτηση δεσμών μεταξύ των συμμετεχόντων και μία άνευ προηγουμένου διάδραση που θα οδηγήσει σε καινοτόμες συνέργειες των ελληνικής καταγωγής επιστημόνων μεταξύ τους, αλλά και με το μητροπολιτικό κέντρο. Επιπλέον, θα αναδείξει το ιατρικό δυναμικό των Ελλήνων ιατρών στην Ελλάδα και το εξωτερικό. Στρατηγικός στόχος της Γενικής Γραμματείας Απόδημου Ελληνισμού & Δημόσιας Διπλωματίας - κεντρικού πυλώνα προώθησης της Ελλάδας στο εξωτερικό και σημείου αναφοράς για τον Απόδημο Ελληνισμό - είναι να τεθούν ισχυρά, θεσμικά θεμέλια για την πολυεπίπεδη διασύνδεση των Ομογενών, με τη Θεσσαλονίκη να ανάγεται σε παγκόσμιο κέντρο της Ομογένειας.

Η συμμετοχή στο Συνέδριο είναι δωρεάν, ενώ υπάρχει εναλλακτικά δυνατότητα ψηφιακής παρακολούθησης (<https://www.livemedia.com/amf22>). Όλες οι σχετικές με το Συνέδριο πληροφορίες είναι διαθέσιμες στην ακόλουθη ιστοσελίδα:

<https://diaspora.med.auth.gr/amf2022/>.

Επισημαίνεται ότι το Συνέδριο θα πλαισιώνεται από αξιόλογες πολιτιστικές εκδηλώσεις.



### Κυριάκος Αναστασιάδης

Πρόεδρος Τμήματος Ιατρικής ΑΠΘ  
Καθηγητής Καρδιοχειρουργικής



### Ιωάννης Χρυσουλάκης

Γενικός Γραμματέας Απόδημου Ελληνισμού και  
Δημόσιας Διπλωματίας, Υπουργείο Εξωτερικών



Dear Esteemed Colleagues and Friends,

We welcome you to the International Hellenic Medical Society (HMS) Conference in Thessaloniki, Greece on July 15-17, 2022.

This conference is organized by doctors of Hellenic Medical Societies Abroad in collaboration with the Medical School of the University of Thessaloniki and its President, Dr. Kyriakos Anastasiades under the auspices of the General Secretariat of Hellenes Abroad and Public Diplomacy of the Hellenic Ministry of Foreign Affairs and its General Secretary Professor John Chrysoulakis.

We greatly appreciate the hard work of the Scientific Organizing Committee in putting this conference together, the University of Thessaloniki moderators Drs. Tsoulfas and Antonitsis, the Foreign Ministry General Secretariat advisor Dr. Kostas Kozyrakis and administrators headed by Ms. Antigoni Pilitsi, and the event coordinators Mr. Pascharidis and Ms. Papageorgiou with their expert staff at medevents.gr.

We are grateful to our conference moderators and speakers for their marvelous performance in producing cutting-edge abstracts for presentation at this Congress on "The Latest Developments/Update in Medicine/Surgery/Biomedical Research".

We are confident you will enjoy the interesting presentations, the networking with colleagues from all over the world, the social events in the comfortable surroundings of the Music Hall (Megaro Mousikis), and the Medical School of Thessaloniki, the co-capital of Greece in the center of the Northern Greek province of Macedonia.

We hope this unique educational medical endeavor will continue with an International Hellenic Medical Forum organizing future events.

Congratulations to all for your courage in making this a reality!

Σας χαιρετίζουν οι υπερήφανοι γιατροί και επιστήμονες Βιοιατρικής Ελληνικής καταγωγής που ζουν και διακρίνονται στο εξωτερικό!

Best regards for a happy Hellenic summer,



**Spyros G. E. Mezitis, MD, PhD**  
President, Federation of Hellenic Medical Societies  
of North America, Inc.  
[www.hellenicfedmed.org](http://www.hellenicfedmed.org)



**Alexios Theodorou, MD**  
Past-President, Hellenic Medical Society of Rhine/  
Westphalen, Germany





## **Οργανωτική Επιτροπή Organizing Committee**

**Κυριάκος Αναστασιάδης / Kyriakos Anastasiadis**

Καθηγητής Καρδιοχειρουργικής  
Professor of Cardiac Surgery

**Πρόεδρος Τμήματος Ιατρικής ΑΠΘ**

**Head, School of Medicine, Aristotle University of Thessaloniki**

**Ιωάννης Χρυσουλάκης / Ioannis Chrysoulakis**

Γενικός Γραμματέας Απόδημου Ελληνισμού και Δημόσιας Διπλωματίας, Υπουργείο Εξωτερικών  
Secretary General for Greeks Abroad and Public Diplomacy, Ministry of Foreign Affairs

## **Τμήμα Ιατρικής Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης Aristotle University of Thessaloniki School of Medicine**

**Στέφανος Τριαρίδης / Stefanos Triaridis**

Καθηγητής Ωτορινολαρυγγολογίας  
Professor of Otolaryngology

**Αναπλ. Πρόεδρος Τμήματος Ιατρικής ΑΠΘ**

**Deputy Head, Aristotle University of Thessaloniki School of Medicine**

**Γεώργιος Τσουλάφας / Georgios Tsoulfas**

Καθηγητής Χειρουργικής - Μεταμοσχεύσεων  
Professor of Surgery - Transplantation

**Υπεύθυνος Hellenic Diaspora Medical Forum, Τμήμα Ιατρικής ΑΠΘ**

**Director, Hellenic Diaspora Medical Forum, School of Medicine, Aristotle University of Thessaloniki**

**Παναγιώτης Μπαμιδής / Panagiotis Bamidis**

Καθηγητής Ιατρικής Φυσικής και Πληροφορικής στην Ιατρική Εκπαίδευση  
Professor of Medical Physics, Informatics and Medical Education

**Πολυχρόνης Αντωνίτσας / Polychronis Antonitsis**

Αναπλ. Καθηγητής Καρδιοχειρουργικής  
Associate Professor of Cardiac Surgery





## Hellenic Diaspora Medical Forum

### **Aristeidis Moustakas**

Professor of Medical Biochemistry and Tumor Biology  
Uppsala University, Sweden

### **Mimis Cohen**

Professor, Division of Plastic Surgery  
University of Illinois, USA

### **Panagiotis Giannoudis**

Professor of Trauma and Orthopaedic Surgery  
School of Medicine, University of Leeds, United Kingdom

### **Anna Greka**

Associate Professor of Medicine  
Harvard Medical School, USA

### **Christos Papadelis**

Director of Research Center, Jane and John Justin Neurosciences Center  
Cook Children's, USA

### **Vassilios Papalois**

Professor of Transplantation Surgery  
Imperial College, London, United Kingdom

### **Dimitrios Stefanidis**

Professor of Surgery  
Indiana University School of Medicine, USA

### **Nikos Stergiopoulos**

Professor of Cardiovascular Technology  
EPFL Medical School, Switzerland

### **Andreas Tzakis**

Professor of Surgery  
Cleveland Clinic, USA





**Demetrios Vavvas**

Professor of Ophthalmology  
Harvard Medical School, USA

**George Velmahos**

Professor of Surgery  
Harvard Medical School, USA

**Peter Angelos**

Linda Kohler Anderson Professor of Surgery and Surgical Ethics, Director, MacLean Center for Clinical Medicine Ethics, University of Chicago

**Marianna Arvanitaki**

Clinical Professor, Erasme University Hospital ULB, Brussels, Belgium

**Constantinos Sofocleous**

Professor of Interventional Radiology, Memorial Sloan Kettering

**Konstantinos Spaniolas**

Professor of Surgery, Stony Brook University, New York

**Apostolos Tassiopoulos**

Professor of Surgery, Stony Brook University, New York, USA

**Styliani-Anna Tsirka**

SUNY Distinguished Professor of Pharmacological Sciences, Stony Brook University, New York, USA





## Hellenic Medical Societies

### **Αλέξιος Θεοδώρου / Alexios Theodorou**

Χειρουργός, Σύλλογος Ελλήνων Ιατρών Βόρειας Ρηνανίας – Βεστφαλίας, Γερμανία  
Surgeon, Hellenic Medical Society North Rhine – Westphalia, Germany

### **Σπύρος Μεζίτης / Spyros Mezitis**

Ενδοκρινολόγος, Πρόεδρος Ομοσπονδίας Ελληνικών Ιατρικών Συλλόγων Βορείου  
Αμερικής, Νέα Υόρκη  
Endocrinologist, President, Federation of Hellenic Medical Societies of North America

### **Διονύσιος Χατζηλιάδης / Denis Hadjiliadis**

Καθηγητής Πνευμονολογίας, Αντιπρόεδρος Ομοσπονδίας Ελληνικών Ιατρικών Συλλόγων  
Βορείου Αμερικής, Φιλαδέλφεια  
Paul F Harron Jr Professor of Medicine, Perelman School of Medicine, University of  
Pennsylvania, Division of Pulmonary, Allergy and Critical Care Treasurer of the Federation  
of Hellenic Medical Societies of North America

### **Ιωάννης Γιαννακόπουλος / Ioannis Giannakopoulos**

Αναπληρωτής Διευθυντής Ορθοπαιδικής Κλινικής – Κέντρου Αρθροπλαστικών και  
Χειρουργικής Γόνατος, Πρόεδρος Συλλόγου Ελλήνων και Κυπρίων Ιατρών της Βόρειας  
Ρηνανίας Βεστφαλίας – Γένεσις  
Deputy Director, Department of Orthopedics - Certified Centre for Arthroplasty and Knee  
Surgery, President of the Hellenic Doctors Society in North Rhine-Westphalia, Germany

### **Σάββας Αποστολίδης / Savvas Apostolidis**

Αγγειοχειρουργός/Φλεβολόγος, Πρόεδρος Ελληνικού Ιατρικού Συλλόγου Έσσης, Γερμανία  
Vascular Surgeon/Phlebologist, Hellenic Medical Society of Hessen, Germany

### **Αλεξάνδρα Τουρούτογλου / Alexandra Touroutoglou**

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του Συλλόγου Ελλήνων Βιοεπιστημόνων των ΗΠΑ  
Assoc. Professor of Neurology, President, Hellenic Bioscientific Association, USA

### **Αθηνά Αγγελοπούλου / Athena Angelopoulou**

Consultant in Geriatric Medicine, President of the Hellenic Diaspora Doctors Association  
UK (He.Di..D.A-UK)





**Παναγιώτης Μανώλας / Panagiotis Manolas**

Χειρουργός, Πρόεδρος Ελληνικού Ιατρικού Συλλόγου Νέας Υόρκης  
Surgeon, President, Hellenic Medical Society of New York

**Στέλλα Λυμπερή / Stella Lymberis**

Ακτινοθεραπευτής, Πρώην Αντιπρόεδρος Ελληνικού Ιατρικού Συλλόγου Νέας Υόρκης  
Radiation-Oncologist, Former Vice President, Hellenic Medical Society of New York

**Δημήτριος Τζανής / Dimitri Tzanis**

Χειρουργός - Ογκολόγος, Institut Curie, Παρίσι, Γαλλία  
Surgeon - Oncologist, Institut Curie, Paris, France

**Μαρίνης Πιρπιρής / Marinis Pirpiris**

Πρόεδρος του Ελληνικού Ιατρικού Συλλόγου Αυστραλίας  
President of the Hellenic Medical Society of Australia

**Βασιλική Αποστολοπούλου / Vasso Apostolopoulos**

Ερευνήτρια, Σύλλογος Ελλήνων Ιατρών Αυστραλίας  
Pro Vice-Chancellor, Research Partnerships, Hellenic Medical Diaspora of Australia

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Dermatologist Ain Shams University, Cairo, Egypt

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Αν. Καθηγήτρια Παιδοψυχιατρικής, Πανεπιστήμιο Montreal, Καναδάς  
Child and Adolescent Psychiatrist, Associate Professor, University of Montreal, Canada

**Φλώρα Κοντογεώργη / Flora Kontogeorgis**

Γενική Ιατρός, Ένωση Ελλήνων Ιατρών Νότιας Αφρικής  
Family Medicine, Hellenic Medical Diaspora of South Africa

**Ανδρέας Βυθούλκας / Andreas Vythoukias**

Εκπρόσωπος, Σύλλογος Ελλήνων Ιατρών Ρουμανίας  
Representing Hellenic Medical Diaspora of Romania







**Spiros Miyakis**

Adjunct Professor of Medicine, University of Wollongong, Australia

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Πρύτανης ΑΠΘ  
Rector, Aristotle University of Thessaloniki

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Κοσμήτορας Σχολής Επιστημών Υγείας ΑΠΘ  
Dean, Faculty of Health Sciences, Aristotle University of Thessaloniki

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Dean, Faculty of Law, Aristotle University of Thessaloniki

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Head, School of Theology Aristotle University of Thessaloniki

**Αντώνιος Γούλας / Antonios Goulas**

Καθηγητής Φαρμακολογίας, Πρόεδρος Τομέα Φυσιολογίας, Φαρμακολογίας, Βιολογικών Επιστημών και Προληπτικής Ιατρικής  
Professor of Pharmacology, Aristotle University of Thessaloniki, Director of Physiology, Pharmacology, Biological Sciences and Preventive Medicine Sector

**Παντελής Ζεμπεκάκης / Pantelis Zebekakis**

Καθηγητής Παθολογίας, Πρόεδρος Τομέα Παθολογίας  
Professor of Internal Medicine, Aristotle University of Thessaloniki, Director of Sector of Internal Medicine

**Ιωάννης Νηματούδης / Ioannis Nimatoudis**

Καθηγητής Ψυχιατρικής, Πρόεδρος Τομέα Νευροεπιστημών και Αισθητηρίων Οργάνων  
Professor of Psychiatry, Aristotle University of Thessaloniki, Director of Sector of Neurosciences and Sensory Organs





**Βασίλειος Παπαδόπουλος / Vasileios Papadopoulos**

Καθηγητής Χειρουργικής ΑΠΘ, Διευθυντής Χειρουργικού Τομέα  
Professor of Surgery, Aristotle University of Thessaloniki, Director of Sector of Surgery

**Παναγιώτης Πρασόπουλος / Panagiotis Prasopoulos**

Καθηγητής Ακτινολογίας, Πρόεδρος Τομέα Ακτινολογίας, Ανατομίας, Παθολογικής  
Ανατομικής και Τεχνολογιών  
Professor of Radiology, Aristotle University of Thessaloniki Director of Radiology,  
Anatomy, Pathology and Technology Sector

**Εμμανουήλ Ροηλίδης / Emmanouel Roilides**

Καθηγητής Παιδιατρικής, Πρόεδρος Τομέα Υγείας Παιδιού  
Professor of Pediatrics, Aristotle University of Thessaloniki, Director of Sector of Child  
Health

**Γρηγόριος-Τηλέμαχος Σταμκόπουλος / Gregorios Telemachos Stamkopoulos**

Έπικουρος Καθηγητής Έφαρμογών τής Πληροφορικής, Άνωτάτη Έκκλησιαστική Άκαδημία  
Θεσσαλονίκης  
Associate Director, Department of Greek Education Database Administrator, Department of  
Information Technology





## **Γραμματειακή Υποστήριξη Secretariat**

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**Αρης Ταχινόζλης / Aris Tachinoslis**

Γραμματεία Τμήματος Ιατρικής / International Study Office AUSoM

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Γενική Γραμματεία Απόδημου Ελληνισμού και Δημόσιας Διπλωματίας, Υπουργείο Εξωτερικών  
Secretariat General for Greeks Abroad and Public Diplomacy, Ministry of Foreign Affairs

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Γενική Γραμματεία Απόδημου Ελληνισμού και Δημόσιας Διπλωματίας, Υπουργείο Εξωτερικών  
Secretariat General for Greeks Abroad and Public Diplomacy, Ministry of Foreign Affairs



## Πρόγραμμα Programme

# “when Hippocrates meets Aristotle”





**Παρασκευή 15 Ιουλίου 2022**  
**Friday 15 July 2022**

**ΑΙΘΟΥΣΑ ΑΙΜΙΛΙΟΣ ΡΙΑΔΗΣ / AIMILIOS RIADIS HALL**

**09:00 - 10:30 Joint Session: Hellenic Medical Students International Committee (HelMSIC)**  
**Scientific Society of Hellenic Medical Students (SSHMS)**

**Συντονιστές / Moderators:**

**Γεώργιος Τσουλάφας / Georgios Tsoulfas**  
*Καθηγητής Χειρουργικής ΑΠΘ, Υπεύθυνος HDMF*  
*Professor of Surgery, Aristotle University of Thessaloniki, Director HDMF*

**Πολυχρόνης Αντωνίτσας / Polychronis Antonitsis**  
*Αναπλ. Καθηγητής Καρδιοχειρουργικής*  
*Assoc. Professor of Cardiac Surgery, Aristotle University of Thessaloniki*

**HelMSIC: Be More Than a Medical Student**

**Γεώργιος Αθανασιάς / Georgios Athanasias**  
*Γραμματέας Τοπικής Επιτροπής Θεσσαλονίκης HelMSIC / Local Coordinator of HelMSIC Thessaloniki*

*Εκπρόσωπος Διεθνούς Συνομοσπονδίας Οργανώσεων Φοιτητών Ιατρικής - IFMSA / Representative of International Federation of Medical Students' Associations - IFMSA*

**Κοινωνικό, εθελοντικό και εκπαιδευτικό έργο της ΕΕΦΙΕ / The social, voluntary and educational role of the SSHMS**

**Ελένη Γκούρα / Eleni Gkoura**  
*4ετης φοιτήτρια Ιατρικής ΑΠΘ / 4th year Medical Student AUTH*

**Αλέξανδρος Μανάφης / Alexandros Manafis**  
*Ιατρός, Ασκούμενος Ερευνητής, Ινστιτούτο Ψυχιατρικής Max, Planck, Μόναχο, Γερμανία*  
*MD Research Trainee, Max Planck Institute of Psychiatry, Munich, Germany*

**10:30 - 12:30 Το «ήθος» στη σύγχρονη Ιατρική / "Ethos" in modern medicine**

**Συντονιστές / Moderators:**

**Κυριάκος Αναστασιάδης / Kyriakos Anastasiadis**  
*Πρόεδρος Τμήματος Ιατρικής ΑΠΘ*  
*Head, School of Medicine Aristotle University of Thessaloniki*

**Παναγιώτης Γκλαβίνης / Panagiotis Gklavinis**  
*Κοσμήτορας Νομικής Σχολής ΑΠΘ*  
*Dean, Faculty of Law, Aristotle University of Thessaloniki*


**Νικόλαος Μαγγιώρος / Nikolaos Maghioros**  
*Πρόεδρος Τμήματος Θεολογίας ΑΠΘ*  
*Head, School of Theology Aristotle University of Thessaloniki*






**Παρασκευή 15 Ιουλίου 2022 / Friday 15 July 2022 ΑΙΘΟΥΣΑ ΑΙΜΙΛΙΟΣ ΡΙΑΔΗΣ / AIMILIOS RIADIS HALL**

Ομιλητές / Speakers:

**Θεόδωρος Σκαλτσάς / Theodoros Scaltsas**   
Καθηγητής Φιλοσοφίας, Πανεπιστημίου Εδιμβούργου  
Professor of Philosophy, University of Edinburgh

**Ιωάννης Χρυσσαυγής / John Chryssavgis**   
Θεολόγος, Κληρικός της Ελληνικής Ορθόδοξης Αρχιεπισκοπής Αμερικής  
Theologian, Clergyman of the Greek Orthodox Archdiocese of America, Archdeacon of the Ecumenical Patriarchate

**Τάκης Βιδάλης / Takis Vidalis**  
Επιστημονικός Συνεργάτης, Νομικός Σύμβουλος της Εθνικής Επιτροπής Βιοηθικής και Τεχνοηθικής  
Senior Researcher, Legal Advisor, Hellenic National Commission For Bioethics and Technoethics

Σχολιαστές / Commentators

**Πολυχρόνης Βούλτσος / Polychronis Voultos**   
Αναπληρωτής Καθηγητής Τμήματος Ιατρικής ΑΠΘ  
Associate Professor, School of Medicine Aristotle University of Thessaloniki

**Δήμητρα Σφενδόνη-Μέντζου / Dimitra Sfendoni-Mantzou**  
Ομότιμη Καθηγήτρια Φιλοσοφίας ΑΠΘ  
Professor Emeritus, Faculty of Philosophy, Aristotle University of Thessaloniki

**Φίλιππος Γραμματικός / Philippos Grammaticos**  
Ομότιμος Καθηγητής Τμήματος Ιατρικής ΑΠΘ  
Professor Emeritus, School of Medicine Aristotle University of Thessaloniki

**Παρουσίαση Αριστοτέλειου Κέντρου Ανθρώπινης Ανάπτυξης / Aristotelian Centre for Human Development; Joint Declaration**

**Κυριάκος Αναστασιάδης / Kyriakos Anastasiadis**  
Πρόεδρος Τμήματος Ιατρικής ΑΠΘ  
Head, School of Medicine Aristotle University of Thessaloniki

**Παναγιώτης Γκλαβίνης / Panagiotis Gklavinis**  
Κοσμήτορας Νομικής Σχολής ΑΠΘ  
Dean, Faculty of Law, Aristotle University of Thessaloniki

**Νικόλαος Μαγγιώρος / Nikolaos Maghioros**  
Πρόεδρος Τμήματος Θεολογίας ΑΠΘ  
Head, School of Theology Aristotle University of Thessaloniki

**Ιωάννης Χρυσουλάκης / Ioannis Chrysoulakis**  
Γενικός Γραμματέας Απόδημου Ελληνισμού και Δημόσιας Διπλωματίας  
Secretary General for Greeks Abroad and Public Diplomacy

**Αποστόλης Δημητρόπουλος / Apostolis Dimitropoulos**  
Γενικός Γραμματέας Ανώτατης Εκπαίδευσης, Υπουργείο Παιδείας και Θρησκευμάτων  
Secretary General of Higher Education, Ministry of Education and Religious Affairs





**Παρασκευή 15 Ιουλίου 2022 / Friday 15 July 2022 ΑΙΘΟΥΣΑ ΑΙΜΙΛΙΟΣ ΡΙΑΔΗΣ / AIMILIOS RIADIS HALL**

**Νικόλαος Παπαϊωάννου / Nikolaos Papaioannou**  
Πρότανης ΑΠΘ  
Rector, Aristotle University of Thessaloniki

12:30 - 12:45 **Διάλειμμα / Break**

12:45 - 14:30 **Στρατηγική - Πολιτική Υγείας / Strategy - Health Policy**

Συντονιστές / Moderators:


**Ασημίνα Γκάγκα / Mina Gaga**   
Αναπληρώτρια Υπουργός Υγείας  
Alternative Minister of Health, Greece

**Κυριάκος Αναστασιάδης / Kyriakos Anastasiadis**  
Πρόεδρος Τμήματος Ιατρικής ΑΠΘ  
Head, School of Medicine Aristotle University of Thessaloniki

Ομιλητές / Speakers:

**Ηλίας Μόσιαλος / Elias Mossialos**  
Καθηγητής Πολιτικής Υγείας, London School of Economics  
Professor of Health Policy, London School of Economics

**Νίκος Πολύζος / Nikos Polyzos**  
Καθηγητής Διοίκησης και Οργάνωσης Υπηρεσιών Υγείας, Τμήμα Κοινωνικής Διοίκησης, ΔΠΘ  
Professor of Health Management, Democritus University of Thrace

**Κυριάκος Σουλιώτης / Kyriakos Souliotis**   
Καθηγητής Πολιτικής Υγείας, Κοσμήτορας Σχολής Κοινωνικών και Πολιτικών Επιστημών, Πανεπιστήμιο Πελοποννήσου  
Professor of Health Policy, Dean of the School of Social and Political Sciences, University of Peloponnese

**Νικόλαος Μανιαδάκης / Nikolaos Maniadakis**  
Καθηγητής, Τμήμα Πολιτικών Δημόσιας Υγείας, Πανεπιστήμιο Δυτικής Αττικής  
Professor of Health Services Management & Policy, Department of Public Health Policies, Sector of Health Systems & Policy, School of Public Health, University of West Attica

14:30 - 15:00 **Διάλειμμα / Break**

15:00 - 16:30 **Συμπόσιο: Αεροδιαστημική Ιατρική / Workshop on Space Health**

Συντονιστής / Moderator:

**Παναγιώτης Μπαμιδής / Panagiotis Bamidis**  
Καθηγητής ΑΠΘ / Professor, Aristotle University of Thessaloniki





**Παρασκευή 15 Ιουλίου 2022 / Friday 15 July 2022 ΑΙΘΟΥΣΑ ΑΙΜΙΛΙΟΣ ΡΙΑΔΗΣ / AIMILIOS RIADIS HALL**

Ομιλητές / Speakers:

Human presence in Space-Health consequences

**Χρυσούλα Κουρτιδου-Παπαδέλη / Chrysoula Kourtidou-Papadeli**

*Αντιπρόεδρος Διεθνούς Αστροναυτικής Ακαδημίας, Διευθύντρια Κέντρου Αεροπορικής Ιατρικής Θεσσαλονίκης. Πρόεδρος της Ελληνικής Εταιρείας Αεροδιαστημικής Ιατρικής και Διαστημικών Ερευνών  
Vice President, International Academy of Astronautics, Director, Aeromedical Center of Thessaloniki. President of the Greek Aerospace Medical Association and Space Research*

The human condition in a cosmic flight - personal experience

**Dumitru-Dorin Prunariu**

*Chair of the Global Experts Group on Sustainable Lunar Activities within MVA, Member of the Trustees Board of the International Academy of Astronautics, first Romanian Cosmonaut*

Human research in Space from HDTBR to Antarctica

**Χρυσούλα Κουρτιδου-Παπαδέλη / Chrysoula Kourtidou-Papadeli**

*Αντιπρόεδρος Διεθνούς Αστροναυτικής Ακαδημίας, Διευθύντρια Κέντρου Αεροπορικής Ιατρικής Θεσσαλονίκης. Πρόεδρος της Ελληνικής Εταιρείας Αεροδιαστημικής Ιατρικής και Διαστημικών Ερευνών  
Vice President, International Academy of Astronautics, Director, Aeromedical Center of Thessaloniki. President of the Greek Aerospace Medical Association and Space Research*

Experience from Antarctica

**Ευάγγελος Καϊμακάμης/ Evangelos Kaimakamis**

*Πνευμονολόγος- Εντατικολόγος, Γ.Ν. «Γ. Παπανικολάου», Θεσσαλονίκη  
Chest Physician-Intensivist, General Hospital "G. Papanikolaou", Thessaloniki*

**16:30 - 17:45 Συμπόσιο: Ποιότητα Ζωής και Παροχής Υπηρεσιών Υγείας / Workshop: Quality in Healthcare and Wellbeing**

Συντονιστές / Moderators:

**Κυριάκος Αναστασιάδης / Kyriakos Anastasiadis**

*Πρόεδρος Τμήματος Ιατρικής ΑΠΘ  
Head, School of Medicine Aristotle University of Thessaloniki*

**Joao Breda**

*Head, WHO Athens Quality of Care Office and Special Adviser for the Regional Director*

Ομιλητές / Speakers:

Quality of mental health care services

**Κωνσταντίνος Φουντουλάκης / Konstantinos Fountoulakis**

*Καθηγητής Ψυχιατρικής ΑΠΘ, Professor of Psychiatry, Aristotle University of Thessaloniki*

Linking Quality of Mental Health Care with Quality of Life and Wellbeing

**Πάυλος Θεοδωράκης / Pavlos Theodorakis**

*Senior Health Policy Advisor, WHO Regional Office for Europe*

Quality of life, nutrition and wellbeing

**Μιχαήλ Χουρδάκης / Michail Chourdakis**

*Αναπλ. Καθηγητής Βασικής Ιατρικής Διατροφολογίας - Υγιεινής / Assoc. Professor of Medical Nutrition - Hygiene*







Aristotle Medical Forum, Thessaloniki 15-17 July 2022, Thessaloniki Concert Hall M2

Παρασκευή 15 Ιουλίου 2022 / Friday 15 July 2022 **ΑΙΘΟΥΣΑ ΑΙΜΙΛΙΟΣ ΡΙΑΔΗΣ / AIMILIOS RIADIS HALL**

Address:

Ζωή Ράπτη / Zoe Rapti 

*Υφυπουργός Υγείας / Deputy Minister of Health*

Afzal Javed 

*Consultant Psychiatrist, Associate Clinical Professor, Warwick Medical School, President World Psychiatric Association*

Rocco Barazzoni 

*Associate Professor of Internal Medicine, Trieste University, Chairman ESPEN*

17:45 - 19:45 **Διάλειμμα / Break**

19:45 - 21:15 **Τελετή Εναρξης / Opening Ceremony**

Moderator:

Secretary General for Greeks Abroad & Public Diplomacy of the Ministry of Foreign Affairs, Mr. **Ioannis Chrysoulakis**

Opening Speech

Head of the School of Medicine of the Aristotle University of Thessaloniki, Mr. **Kyriakos Anastasiadis**

Address





**Παρασκευή 15 Ιουλίου 2022 / Friday 15 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 1 / MORIS SALTIEL HALL 1**

**09:00 – 11:00 Συνεδρία Ελληνικής Εταιρείας Βιοϊατρικής Τεχνολογίας (ΕΛΕΒΙΤ) / Hellenic Society of Biomedical Technology (ELEVIT)**

**Συντονιστές / Moderators:**

**Παναγιώτης Μπαριδής / Panagiotis Bamidis**

*Καθηγητής ΑΠΘ, Πρόεδρος ΕΛΕΒΙΤ / Professor, Aristotle University of Thessaloniki, President of ELEVIT*

**Ανέστης Κάλφας / Anestis Kalfas**

*Καθηγητής Τμήματος Μηχανολόγων Μηχανικών ΑΠΘ*

*Professor, Dept of Mechanical Engineering Aristotle University of Thessaloniki*

**Προσφώνηση / Address:**

**Παναγιώτης Μπογιατζιδής / Panagiotis Bogiatzidis**

*Επίκουρος Καθηγητής, Τμήμα Μαιευτικής, Σχολή Επιστημών Υγείας του Πανεπιστημίου Δυτικής Μακεδονίας,*

*Διοικητής 3ης Υγειονομικής Περιφέρειας Μακεδονίας (Υ.ΠΕ.), Θεσσαλονίκης*

*Assistant Professor, Dept of Obstetrics, School of Health Sciences of the University of Western Macedonia, Director, 3rd Regional Health Authority, Thessaloniki*

**Δημήτριος Τσαλικάκης / Dimitrios Tsalikakis**

*Διοικητής 4ης ΥΠε / Director, 4th Regional Health Authority*

**Ομιλητές / Speakers**

**Προσκεκλημένες ομιλίες/Keynote Speeches**

**AI applications in discovering bioactive elements and drugs / Εφαρμογές τεχνητής νοημοσύνης στην ανακάλυψη βιοενεργών στοιχείων και φαρμάκων**

**Ηλίας Ταγκόπουλος / Ilias Tagkopoulos**

*Professor at the University of California, Davis USA & Director, USDA AI Institute for Next Generation Food Systems (AIFS)*

**The future Smart Hospital – the HosmartAI project**

**Αθανάσιος Πουλακίδας / Athanasios Poulakidas**

*Netcompany-Intrasoft & HosmartAI project coordinator*

**Robotic & Digital Technologies Democratize Healthcare**

**Γεώργιος Σοφιανός / George Sofianos**

*CEO SOFMEDICA GROUP*

**Στρογγυλή Τράπεζα: Ο Ελληνικός Χώρος της Τεχνολογίας και της Καινοτομίας στην Υγεία**

**Panel: The Greek Biomedical Technology and Healthcare Innovation ecosystem**

**Κωνσταντίνος Σταματόπουλος / Konstantinos Stamatopoulos**

*Διευθυντής, Ινστιτούτου Εφαρμοσμένων Βιοεπιστημών, ΕΚΕΤΑ*

*Director, Institute of Applied Biosciences, CERTH*





**Παρασκευή 15 Ιουλίου 2022 / Friday 15 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 1 / MORIS SALTIEL HALL 1**

**Δημήτριος-Διονύσιος Κουτσούρης / Demetrios-Dionysios Koutsouris**

*Καθηγητής & Αναπλ. Διευθυντής, Ερευνητικό Πανεπιστημιακό Ινστιτούτο Συστημάτων Επικοινωνιών και Υπολογιστών (ΕΠΙΣΕΥ), Εθνικό Μετσόβιο Πολυτεχνείο (ΕΜΠ)*

*Professor & Deputy Director, Institute of Communication and Computer Systems (ICCS), National Technical University of Athens (NTUA)*

**Ευάγγελος Καρκαλέτσης / Vangelis Karkaletsis**

*Διευθυντής, Ινστιτούτο Πληροφορικής και Τηλεπικοινωνιών, Κέντρο Ερευνών Δημόκριτος / Director, Institute of Informatics & Telecommunications (IIT), NCSR Demokritos*

**Άρης Δερμιτζάκης / Aris Dermitzakis**

*Διευθυντής, Ινστιτούτο Βιοϊατρικής Τεχνολογίας (INBIT) & Γραμματέας Ελληνικής Εταιρείας Βιοϊατρικής Τεχνολογίας*

*Director, Institute of Biomedical Technology (INBIT) & Secretary, Hellenic Society of Biomedical Technology*

**Σχολιαστές / Commentators**

**Παναγιώτης Παντελιάδης / Panagiotis Panteliadis**

*Διοικητής, Νοσοκομείο ΑΧΕΠΑ / Manager, AHEPA Hospital*

**Κωνσταντίνος Εμμανουηλίδης / Konstantinos Emmanouilidis**

*Γενικός Διευθυντής, Νοσοκομείο Παπαγεωργίου / General Manager, Parageorgiou Hospital*

**11:00 - 11:30 Διάλειμμα / Break**

**11:30 - 13:30 Ο Ευρωπαϊκός και Ελληνικός Χώρος Δεδομένων Υγείας / The European and Greek Health Data Space**

**Συντονιστής / Moderator:**

**Χαράλαμπος Καρανίκας / Haralampos Karanikas**

*Επικ. Καθηγητής Ιατρικής Πληροφορικής και Συστημάτων Ηλεκτρονικής Υγείας, Τμήμα Πληροφορικής με Εφαρμογές στη Βιοϊατρική, Πανεπιστήμιο Θεσσαλίας, Γενικός Γραμματέας ΕΕΜΕΠΥ*

*Assistant Professor Medical Informatics and eHealth systems, Department of Computer Science and Biomedical Informatics, University of Thessaly, Secretary General, Hellenic Society of eHealth Services & Education (EEMEPY)*

**Keynote Address:**

**Χαράλαμπος Βασιλείου / Haralampos Vasileiou - Health Data Space**

*Digital Strategy and Innovation Manager - GRNET S.A., Digital Transformation Advisor - Hellenic Ministry of Digital Governance*

**Round table**

**Ιωάννης Κωτσιόπουλος / Ioannis Kotsiopoulos**

*Γενικός Γραμματέας Υπηρεσιών Υγείας / Secretary General for Healthcare Services, Hellenic Ministry of Health*

**Παντελής Μεσσαρόπουλος / Pantelis Messaropoulos**

*Πρόεδρος ΔΣ Κέντρον Τεκμηρίωσης και Κοστολόγησης Νοσοκομειακών Υπηρεσιών (ΚΕ.ΤΕ.Κ.Ν.Υ)  
Chair of Administration Council, Hellenic DRG Institute*





**Παρασκευή 15 Ιουλίου 2022 / Friday 15 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 1 / MORIS SALTIEL HALL 1**

**Νίκη Τσούμα / Niki Tsouma**

*Πρόεδρος Δ.Σ. & Διευθύνουσα Σύμβουλος ΗΔΙΚΑ / Chairman of the Board & CEO IDIKA*

Σχολιαστές / Commentators

**Κατερίνα Χρονάκη / Catherine Chronaki** 

*Γενική Γραμματέας HL7 Europe, Πρόεδρος Ευρωπαϊκή Ομοσπονδία Ιατρικής Πληροφορικής  
Secretary General, HL7 Europe Foundation & President European Federation of Medical Informatics (EFMI)*

**Αλέξανδρος Μπέρλερ / Alexander Berler**

*Αντιπρόεδρος HL7 Hellas / Vice Chair HL7 Hellas*

**Δημήτρης Κατεχάκης / Dimitrios Katehakis**

*Γραμματέας HL7 Hellas / Secretary HL7 Hellas*

**Παντελής Αγγελίδης / Pantelis Angelidis**

*τ. Πρόεδρος ΣΕΚΕΕ & Μέλος ΔΣ HL7 Hellas / Former President HAMAC & Admin Board member of HL7 Hellas*

**13:30 - 14:30 Η συμβολή του ΙΚΥ στον τομέα Ανώτατης Εκπαίδευσης / The IKY's contributions to the Higher Education Programs in Greece**

Συντονιστής / Moderator:

**Μιχαήλ Κουτσιλιέρης / Michael Koutsilieris**

*Ομότιμος Καθηγητής Φυσιολογίας, Ιατρική Σχολή, ΕΚΠΑ, Πρόεδρος ΔΣ Ιδρύματος Κρατικών Υποτροφιών (ΙΚΥ)  
Emeritus Professor of Physiology, President of Greek Scholarships Foundation (IKY)*

Ομιλητές / Speakers:

Προγράμματα Υποτροφιών από το Ίδρυμα Κρατικών Υποτροφιών

**Ειρήνη Ντρούτσα / Eirini Ntroutsas**

*Αν. Προϊσταμένη Διεύθυνσης Υποτροφιών / Director of Scholarships' Department*

ERASMUS+ 2021-2027- Προοπτικές κινητικότητας και συνεργασίας

**Μαρία Κατέχη / Maria Katechi**

*Εθνική Μονάδα Διαχείρισης του Προγράμματος Erasmus+/Ίδρυμα Κρατικών Υποτροφιών  
Erasmus+ National Agency/State Scholarships Foundation*

**Βασιλική Γιαννούλη / Vaso Giannouli**

*Τμήμα Προγραμμάτων Ευρωπαϊκής Ένωσης της Διεύθυνσης Ειδικών Προγραμμάτων Διεθνών Υποτροφιών*

Υποτροφίες Κληροδοτημάτων ΙΚΥ

**Λεωνίδας Παπαστεργίου / Leonidas Papastergiou**

*Προϊστάμενος Διεύθυνσης Διοίκησης & Οικονομικής Διαχείρισης του ΙΚΥ / Head of Directorate for Administration and Financial Management*

**14:30 - 16:30 Διάλειμμα / Break**





**Παρασκευή 15 Ιουλίου 2022 / Friday 15 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 1 / MORIS SALTIEL HALL 1**

**16:30 - 17:30 Συμπόσιο: Οδική Ασφάλεια / Workshop: Road safety**


**Συντονιστές / Moderators:**

**Σωτήριος Βουτσελάς / Sotiris Voutselas**  
*Δημοσιογράφος / Motor Journalist*

**Πολυχρόνης Αντωνίτσας / Polychronis Antonitsis**  
*Αναπλ. Καθηγητής Καρδιοχειρουργικής*  
*Assoc. Professor of Cardiac Surgery, Aristotle University of Thessaloniki*

**Ομιλητές / Speakers**

Ασφάλεια κατά την οδήγηση και πρόληψη ατυχημάτων / Road safety and trauma prevention

**Αναστάσιος Μαρκουίζος - Ιαβέρης / Anastasios Markouizos - Iaveris**   
*Αυτοκινητιστής, Σύμβουλος ασφαλείας / Motorist / Vehicle Safety Consultant*

Τεχνολογία και ασφάλεια / Technology and safety  
**Τριαντάφυλλος Τσουφάς / Triantafyllos Tsoulfas**  
*Δημοσιογράφος / Motor Journalist*

Οδική συμπεριφορά και παιδεία / Road behavior and culture  
**Χάρης Θεοφράστου / Charis Theofrastou**  
*Δημοσιογράφος / Motor Journalist*





**Παρασκευή 15 Ιουλίου 2022 / Friday 15 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 2 / MORIS SALTIEL HALL 2**

09:00 – 10:00 **Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς: Η Καινοτομία στην Ιατρική**  
**Hellenic Medical Societies (HMS) Forum: Innovation in Medicine**

**Συντονιστής / Moderator:**

**Alexios Theodorou**  
*Surgeon, Hellenic Medical Association North Rhine – Westphalia, Germany*

**Ομιλητές / Speakers:**

Innovation as a culture

**Alexios Theodorou**  
*Surgeon, Hellenic Medical Association North Rhine – Westphalia, Germany*

Machine perfusion: a revolution in organ assessment and re-conditioning prior to transplantation

**Vassilios Papalois**   
*Professor of Transplantation Surgery, Imperial College London, United Kingdom*

Technology tools for preventing and detecting surgical never events

**Marios Papadakis**  
*Plastic Surgeon, University Witten Herdecke, Germany*

Private investment for a new biotechnology park and research: a new model for Greece

**Constantine Stratakis**   
*Research Director & Head, Human Genetics & Precision Medicine, Institute of Molecular Biology and Biotechnology, FORTH, Crete*

Can we measure quality of surgical care?

**Apostolos Tassiopoulos**   
*Professor of Surgery, Stony Brook University, New York, USA*

Robotic research in Medicine from the perspective of Hellenic Youth

**William Vasilios Meztis**  
*Student of Biomedical Engineering, Bronx Science*

Stem Cell Therapies in Neurology

**Dimitris Karousis**  
*Hadassah Medical Organization and Hebrew University of Jerusalem, Israel*

10:00 – 11:00 **Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς: Η απάντηση στην πανδημία**  
**Hellenic Medical Societies (HMS) Forum: Pandemic response**

**Συντονιστής / Moderator:**

**Stefanos Kales**  
*Professor of Medicine & Environmental Health, Harvard Medical School and Chan School of Public Health, USA*





**Παρασκευή 15 Ιουλίου 2022 / Friday 15 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 2 / MORIS SALTIEL HALL 2**

**Ομλητές / Speakers:**

The next pandemic

**Theoklis Zaoutis**

*Professor of Pediatrics, President, National Organization for Public Health (Greece)*

Lessons Learned from the Pandemic

**Panagis Galiatsatos** 

*Assistant Professor of Medicine, John Hopkins Medical School, USA*

**Ellias Mossialos**

*Professor of Health Policy, London School of Economics*

Health Equity in the time of COVID

**Natalia Linos** 

*Executive Director Harvard FXB Center for Health and Human Rights, USA*

The scientific venture responsible for the COVID19 vaccines

**Alexis Kalergis** 

*Pontificia Universidad Católica de Chile*

11:00 - 11:15 **Διάλειμμα / Break**

11:15 - 12:15 **Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς - Αντιμετώπιση της Χρόνιας Νόσου  
Hellenic Medical Societies (HMS) Forum - Managing chronic illness**

**Moderator:**

**Denis Hadjiliadis**

*Paul F Harron Jr Professor of Medicine, Perelman School of Medicine, University of Pennsylvania, Division of Pulmonary, Allergy and Critical Care Treasurer of the Federation of Hellenic Medical Societies of North America*

**Speakers:**

How can Palliative Care Support Patients with Chronic Illness?

**Denis Hadjiliadis**

*Paul F Harron Jr Professor of Medicine, Perelman School of Medicine, University of Pennsylvania, Division of Pulmonary, Allergy and Critical Care Treasurer of the Federation of Hellenic Medical Societies of North America*

Management of Chronic Pain

**Apostolos Chatzikalfas**

*Interventional Pain Physician, Head of the Near Pain Unit, Kantonsspital Aarau, Switzerland*

Internet Gaming Disorder (Risk and Protective factors)

**Vasileios Stavropoulos** 

*Senior Lecturer in Psychology, Victoria University, Australia*

Women's Distress during the Pandemic

**Magdalena Simonis**

*Representing Hellenic Medical Diaspora of Australia*





**Παρασκευή 15 Ιουλίου 2022 / Friday 15 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 2 / MORIS SALTIEL HALL 2**

**12:15 - 13:15 Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς - Ψυχική Υγεία  
Hellenic Medical Societies (HMS) Forum - Mental Health**

**Moderator:**

**Evangelia Lila Amiralis**

*Child and Adolescent Psychiatrist, Associate Professor, University of Montreal, Canada*

**Speakers:**

ADHD and comorbid conditions

**Evangelia Lila Amiralis**

*Child and Adolescent Psychiatrist, Associate Professor, University of Montreal, Canada*

End of Life

**Maria T. Lymberis**

*Honorary Clinical Professor of Psychiatry, UCLA School of Medicine, USA*

**Vassilios Latoussakis**

*Geriatric Psychiatrist, Gracie Square Hospital, New York Presbyterian, USA*

Why Psychology Lost Its Soul

**George Paxinos**

*Professor of Psychology and Medical Sciences, University of New South Wales, Australia*

**13:15 - 13:30 Διάλειμμα / Break**

**13:30 - 14:30 Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς - Δερματολογία, Φλεβολογία και Πρόληψη του  
Καρκίνου**

**Hellenic Medical Societies (HMS) Forum - Dermatology, Phlebology and Cancer Prevention**

**Συντονιστής / Moderator:**

**Φαουζεία Ελταμίμι / Fawzeia Eltamimi**

*Dermatologist Ain Shams University, Cairo, Egypt*

**Ομιλητές / Speakers:**

Myths and Misconceptions about sunscreen and sun safety

**Φαουζεία Ελταμίμι / Fawzeia Eltamimi**

*Dermatologist Ain Shams University, Cairo, Egypt*

Skin manifestations of systemic disorders

**Αναστασία Θεριάνου / Anastasia Therianou** 

*Consultant Dermatologist, Imperial College NHS Trust, London, UK*

Next Generation Phlebology

**Σάββας Αποστολίδης / Savvas Apostolidis**

*Vascular Surgeon/Phlebologist, Hellenic Medical Society of Hessen, Germany*







**Παρασκευή 15 Ιουλίου 2022 / Friday 15 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 2 / MORIS SALTIEL HALL 2**

14:30 - 15:00 **Διάλειμμα / Break**

15:00 - 17:00 **Συμπόσιο: Βιοϊατρική Έρευνα / Workshop on Biomedical Research**

**Συντονιστής / Moderator:**

**Georgios Tsoulfas**

*Professor of Surgery, Aristotle University of Thessaloniki, Director HDMF*

**Alexandra Touroutoglou**

*Assistant Professor of Neurology, Harvard Medical School, USA*

*President, Hellenic Bioscientific Association, USA*

**Ομιλητές / Speakers:**

Translational research hubs for the acceleration of drug development

**Andreas Varkaris** 

*Hematologist-Oncologist, Termeer Center for Investigational Therapeutics, Massachusetts General Hospital, Harvard Medical School, USA*

Switching dependency opens new therapeutic windows; the example of the CDK inhibitors in breast cancer

**Ioannis Sanidas** 

*Assistant Professor of Oncology, Roswell Park Comprehensive Cancer Center, New York, USA*

Developing the infrastructure for evaluation of novel anaplastic thyroid cancer therapeutics

**Anastasis Maniakas** 

*Assistant Professor, Department of Head and Neck Surgery, University of Texas MD Anderson Cancer Center, USA*

**Vassilis Koliatsos** 

*Professor of Pathology (Neuropathology), Neurology, and Psychiatry and Behavioral Sciences, Johns Hopkins University, Baltimore MD, USA*

A novel electrophysiological (EEG) abnormality in animal models of Alzheimer's disease

**Christos Lisgaras**

*Assistant Research Scientist, NYU Langone Health, USA*

A Translational Roadmap for Decoding the Non-coding Genomic Regions in Human Mendelian Diseases: the Discovery of a lncRNA in a Case of Isolated GnRH Deficiency

**Maria Stamou**

*Endocrinologist, Assistant in Medicine, Massachusetts General Hospital, Instructor, Harvard Medical School, USA*

From bench to bedside: What have we learnt in the last 25 years

**Vasso Apostolopoulos** 

*Pro Vice-Chancellor, Research Partnerships Victoria University, Melbourne, Australia*





**Παρασκευή 15 Ιουλίου 2022 / Friday 15 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 2 / MORIS SALTIEL HALL 2**

Some traps and remedies in understanding biomedical research studies

**Constantine Frangakis**

*Professor, Department of Biostatistics, Johns Hopkins University, USA*

Engineering the Future of Spinal Surgery

**Nicholas Theodore**

*Professor of Neurosurgery, Johns Hopkins University, USA*

17:00 - 17:45 **Διάλειμμα / Break**

17:45 - 19:15 **Quo Vadis? Socioeconomic and Ethical Determinants of Modern Medicine**

Moderator:

**Kyriakos Anastasiadis**

*Head, School of Medicine, Aristotle University of Thessaloniki*

**Elias Mossialos**

*Professor of Health Policy, London School of Economics*

Keynote Speakers:

**Eminence Archbishop Elpidophoros of America**

**Hans Kluge**

*Regional Director, World Health Organization*

**Margaritis Schinas**

*Vice-President European Commission, Promoting our European Way of Life*

**Peter Angelos**

*Linda Kohler Anderson Professor of Surgery and Surgical Ethics, Director, MacLean Center for Clinical Medicine Ethics, University of Chicago*

**Aristeidis Moustakas**

*Professor of Medical Biochemistry and Tumor Biology, Uppsala University, Sweden*

**Iordanis Kavathatzopoulos**

*Professor of Human-Computer Interaction, Dept of Information Technology, University of Uppsala, Sweden*

**Constantinos Christofides**

*Professor of Physics, Former Rector University of Cyprus*

**Theoklis Zaoutis**

*Professor of Pediatrics, President, National Organization for Public Health (Greece)*

**Theodoros Tryfon**

*President, Panhellenic Union of Pharmaceutical Industries*





Σάββατο 16 Ιουλίου 2022  
Saturday 16 July 2022

## ΑΙΘΟΥΣΑ ΑΙΜΙΛΙΟΣ ΡΙΑΔΗΣ / AIMILIOS RIADIS HALL

09:00 - 10:00 **Μονάδα Κλινικών Ερευνών EMBIEE - Συνάντηση Clinical Research Unit SUBRE - CROs**

Συντονιστής / Moderator:

**Αστέριος Καραγιάννης / Asterios Karagiannis**

*Ομότιμος Καθηγητής Τμήματος Ιατρικής ΑΠΘ / Εκτελεστικός Διευθυντής EMBIEE*

*Professor Emeritus, School of Medicine Aristotle University of Thessaloniki / Executive Director SUBRE*

Ομιλητές / Speakers:

Στόχοι και προοπτικές της Μονάδας Κλινικών Ερευνών

**Γεώργιος Παπαζήσης / Georgios Papazisis**

*Αναπλ. Καθηγητής Κλινικής Φαρμακολογίας ΑΠΘ, Επιστ. Υπεύθυνος CRU EMBIEE*

*Assoc. Professor of Clinical Pharmacology, Aristotle University of Thessaloniki, CRU Representative*

Ο ρόλος των πολυεθνικών CROs στην αλματώδη εξέλιξη του τρόπου διενέργειας κλινικών δοκιμών - νέες τεχνολογίες και τάσεις στο monitoring στη μετά-COVID εποχή

**Ευφροσύνη Αφένδρα / Efrosini Afendra** 

*Director Regional Operational Delivery / Country Head Greece Clinical Research, PPD part of Thermo Fisher Scientific*

Αρχές Ορθής Κλινικής Πρακτικής & Κλινικές Μελέτες

**Εφη Γιαννοπούλου / Efi Giannopoulou**

*Line Manager / Clinical Operations Department, Excelya*

Η ΠΕΦ ως αρωγός της δραστηριότητας κλινικών μελετών στην Ελλάδα

**Φαίη Κοσμοπούλου / Faye Kosmopoulou**

*Γενική Διευθύντρια, Πανελλήνια Ένωση Φαρμακοβιομηχανίας (ΠΕΦ) / General Manager, Panhellenic Union of Pharmaceutical Industry (PEF)*

10:00 - 10:30 **Κέντρο Αναφοράς long-COVID EMBIEE / Long-COVID Referral Centre SUBRE**

Συντονιστής / Moderator:

**Στέφανος Τριαρίδης / Stefanos Triaridis**

*Αναπλ. Πρόεδρος Τμήματος Ιατρικής ΑΠΘ*

*Deputy Head, School of Medicine Aristotle University of Thessaloniki*

Ομιλητές / Speakers:

**Συμεών Μεταλλίδης / Symeon Metallidis**

*Αναπλ. Καθηγητής Παθολογίας-Λοιμωξιολογίας ΑΠΘ*

*Assoc. Professor of Internal Medicine - Infectious Disease, Aristotle University of Thessaloniki*

**Κωνσταντίνος Φουντουλάκης / Konstantinos Fountoulakis**

*Καθηγητής Ψυχιατρικής ΑΠΘ, Professor of Psychiatry, Aristotle University of Thessaloniki*





Aristotle Medical Forum, Thessaloniki 15-17 July 2022, Thessaloniki Concert Hall M2

**Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 ΑΙΘΟΥΣΑ ΑΙΜΙΛΙΟΣ ΡΙΑΔΗΣ / AIMILIOS RIADIS HALL**

**Βασίλης Κιμισκίδης / Vasilis Kimiskidis**   
*Καθηγητής Νευρολογίας ΑΠΘ, Professor of Neurology, Aristotle University of Thessaloniki*

**Χρήστος Σαββόπουλος / Christos Savopoulos**  
*Καθηγητής Παθολογίας ΑΠΘ / Professor of Internal Medicine, Aristotle University of Thessaloniki*

**10:30 - 11:00 Κέντρο Αναφοράς Κρανιοπροσωπικών παθήσεων EMBIEE - Craniofacial Referral Centre SUBRE**

**Συντονιστής / Moderator:**

**Στέφανος Τριαρίδης / Stefanos Triaridis**  
*Αναπλ. Πρόεδρος Τμήματος Ιατρικής ΑΠΘ*  
*Deputy Head, School of Medicine Aristotle University of Thessaloniki*

**Ομιλητής / Speaker:**

**Ευτέρπη Δεμίρη / Efterpi Demiri**   
*Καθηγήτρια Πλαστικής Χειρουργικής ΑΠΘ / Professor of Plastic Surgery, Aristotle University of Thessaloniki*

**Περικλής Φόρογλου / Pericles Foroglou**  
*Αναπληρωτής Καθηγητής Πλαστικής και Επανορθωτικής Χειρουργικής ΑΠΘ*  
*Associate Professor of Plastic Reconstructive Surgery, Aristotle University of Thessaloniki*

**Mimis Cohen**   
*Professor, Division of Plastic Surgery / University of Illinois, USA*

**11:00 - 11:15 Διάλειμμα / Break**

**11:15 - 12:30 Hellenic Diaspora Medical Forum - Present Role and Future Perspectives**

**Moderator:**

**Georgios Tsoulfas**  
*Professor of Surgery, Aristotle University of Thessaloniki, Director HDMF*

**Πολυχρόνης Αντωνίτσας / Polychronis Antonitsis**  
*Αναπλ. Καθηγητής Καρδιοχειρουργικής*  
*Assoc. Professor of Cardiac Surgery, Aristotle University of Thessaloniki*

**Participants:**

**Panagiotis Giannoudis**  
*Professor of Trauma and Orthopedic Surgery, Leeds School of Medicine, United Kingdom*

**Anna Greka**  
*Associate Professor of Medicine, Harvard Medical School, USA*

**Christos Papadelis**  
*Director of Research Center, Cook Children's Hospital, Fort Worth, USA*





**Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 ΑΙΘΟΥΣΑ ΑΙΜΙΛΙΟΣ ΡΙΑΔΗΣ / AIMILIOS RIADIS HALL**

**Vasilios Papalois** 

*Professor of Transplantation Surgery, Imperial College London, United Kingdom*

**Dimitrios Stefanidis**

*Professor of Surgery, Indiana University School of Medicine, USA*

**Nikos Stergiopoulos** 

*Professor of Cardiovascular Technology, EPFL Medical School, Switzerland*

**Andreas Tzakis** 

*Professor of Surgery, Cleveland Clinic, USA, Member of the Academy of Athens*

**Demetrios Vavvas** 

*Solman and Libe Friedman Professor of Ophthalmology, Harvard Medical School, USA*

**George Velmahos** 

*Professor of Surgery, Harvard Medical School, USA*

**Peter Angelos** 

*Linda Kohler Anderson Professor of Surgery and Surgical Ethics, Director, MacLean Center for Clinical Medicine Ethics, University of Chicago*

**Konstantinos Konstantinidis**

*World's Leading Robotic-Assisted General Surgeon, Head of Dept of General, Laparoscopic, Oncology and Robotic Surgery, Athens Medical Group*

**Constantinos Sofocleous** 

*Professor Interventional Radiology, Weill-Cornell Medical College, Attending Physician Interventional Oncology, IR Service, Memorial Sloan Kettering Cancer Center*

**Marianna Arvanitaki**

*Clinical Professor, Erasme University Hospital ULB, Brussels, Belgium*

**Konstantinos Spaniolas**

*Professor of Surgery, Stony Brook University, New York*

**Basil Darras**

*Professor of Neurology, Harvard Medical School*

**Spiros Miyakis** 

*Adjunct Professor of Medicine, University of Wollongong, Australia*

**Apostolos Tassiopoulos** 

*Professor of Surgery, Stony Brook University, New York, USA*

**Styliani-Anna Tsirka**

*SUNY Distinguished Professor of Pharmacological Sciences, Stony Brook University, New York, USA*





**Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 ΑΙΘΟΥΣΑ ΑΙΜΙΛΙΟΣ ΡΙΑΔΗΣ / AIMILIOS RIADIS HALL**

12:30 - 12:45 **Διάλειμμα / Break**

12:45 - 14:30 **Προκλήσεις της Σύγχρονης Ιατρικής Εκπαίδευσης / Challenges in Contemporary Medical Education**

**Συντονιστές / Moderators:**

**Κυριάκος Αναστασιάδης / Kyriakos Anastasiadis**  
Πρόεδρος Τμήματος Ιατρικής ΑΠΘ  
Head, School of Medicine Aristotle University of Thessaloniki

**Αποστόλης Δημητρόπουλος / Apostolis Dimitropoulos**  
Γενικός Γραμματέας Ανώτατης Εκπαίδευσης, Υπουργείο Παιδείας και Θρησκευμάτων  
Secretary General of Higher Education, Ministry of Education and Religious Affairs

**Ομιλητές / Speakers:**

Προβληματισμοί στην εκπαίδευση στις Ιατρικές Σχολές

**Γεράσιμος Σιάσος / Gerasimos Siasos**

Πρόεδρος Ιατρικής Σχολής ΕΚΠΑ / Head of Faculty of Medicine, National and Kapodistrian University of Athens

Σύγχρονες Μέθοδοι Προπτυχιακής Ιατρικής Εκπαίδευσης

**Παναγιώτης Μέγας / Panagiotis Megas**

Πρόεδρος Τμήματος Ιατρικής Πανεπιστημίου Πατρών / Head, School of Medicine University of Patras

Η Αριστεία στην Ακαδημαϊκή Ιατρική

**Αθανάσιος Γιαννούκας / Athanasios Giannoukas**

Πρόεδρος Τμήματος Ιατρικής Πανεπιστημίου Θεσσαλίας / Head, Faculty of Medicine, University of Thessaly

Ανθρωποτικά Θέματα στην Ιατρική Εκπαίδευση

**Άννα Μπατιστάτου / Anna Batistatou**

Πρόεδρος Τμήματος Ιατρικής, Σχολή Επιστημών Υγείας, Πανεπιστήμιο Ιωαννίνων / Head, School of Medicine University of Ioannina

Εκπαίδευση στη σύγχρονη Χειρουργική: Μύθοι και Πραγματικότητα

**Μιχαήλ Πιτιακούδης / Michail Pitiakoudis**

Πρόεδρος Τμήματος Ιατρικής Δημοκριτείου Πανεπιστημίου Θράκης / Head, School of Medicine Democritus University of Thrace

Αθλητισμός και Ακαδημαϊκή Ιατρική

**Χρήστος Λιονής / Christos Lionis**

Καθηγητής Γενικής Ιατρικής και Πρωτοβάθμιας Φροντίδας Υγείας, Τμήμα Ιατρικής, Πανεπιστήμιο Κρήτης / Professor of General Medicine and Primary Health Care, Department of Medicine, University of Crete

14:30 - 15:00 **Διάλειμμα / Break**





**Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 ΑΙΘΟΥΣΑ ΑΙΜΙΛΙΟΣ ΡΙΑΔΗΣ / AIMILIOS RIADIS HALL**

**15:00 - 16:30 Συμπόσιο: Ιατρική Εκπαίδευση στο Εξωτερικό / Workshop on Graduate Medical Education**

Συντονιστής / Moderator:

**Ioannis Giannakopoulos**

*Deputy Director, Department of Orthopedics - Certified Centre for Arthroplasty and Knee Surgery, Städtisches Krankenhaus Nettetal, President of the Hellenic Doctors Society in North Rhine-Westfalia, Germany*

Ομιλητές / Speakers:

Medical Education in USA

**Spyros Mezitis**

*Endocrinologist, President, Federation of Hellenic Medical Societies of North America*

**Dimitrios Stefanidis**

*Professor of Surgery, Indiana University School of Medicine, USA*

**Vasileios-Arsenios Lioutas**

*Assistant Professor of Neurology, Beth Israel Deaconess Medical Center, USA*

**Maria Vamvini** 

*Adult Diabetes Clinic, Joslin Diabetes Center, Division of Endocrinology, Diabetes and Metabolism, BIDMC, Instructor in Medicine, Harvard Medical School Boston, MA, USA*

**Elias Iliadis**

*Clinical Cardiologist, Cooper University, New Jersey, USA*

**Alexandra Touroutoglou**

*Assistant Professor of Neurology, Harvard Medical School, USA*

Medical Education in Germany

**Ioannis Giannakopoulos**

*Deputy Director, Department of Orthopedics - Certified Centre for Arthroplasty and Knee Surgery, Städtisches Krankenhaus Nettetal, President of the Hellenic Doctors Society in North Rhine-Westfalia, Germany*

Medical Education in United Kingdom

**Kyriaki-Stefania Mitsaki**

*Internal Medical Trainee, Imperial College Healthcare NHS Trust, London, UK*

**Konstantina Karabatsou**

*Consultant Neurosurgeon Salford Royal Hospital, Manchester, UK*

**Athina Angelopoulou**

*Consultant in Geriatric Medicine, Macclesfield General Hospital NHS Trust, UK, President of the Hellenic Diaspora Doctors Association UK (He.Di..D.A-UK)*





**Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 ΑΙΘΟΥΣΑ ΑΙΜΙΛΙΟΣ ΡΙΑΔΗΣ / AIMILIOS RIADIS HALL**

**Medical Education in Canada**

**Denis Hadjiliadis**

*Paul F Harron Jr Professor of Medicine, Perelman School of Medicine, University of Pennsylvania, Division of Pulmonary, Allergy and Critical Care Treasurer of the Federation of Hellenic Medical Societies of North America*

**Evangelia Lila Amiralis**

*Child and Adolescent Psychiatrist, Associate Professor, University of Montreal, Canada*

**Medical Education in Switzerland**

**Apostolos Chatzikalfas**

*Interventional Pain Physician, Head of the Near Pain Unit, Kantonsspital Aarau, Switzerland*

**Medical Education in French**

**Dimitri Tzanis**

*Surgeon – Oncologist, Institut Curie, Paris, France*

**Vassili Soumelis**

*Professor, Immunology (on leave), Université Paris Cité, Inserm U976 HIPI, Consulting physician, Hematology Hôpital St Louis, Paris, Chief Medical Officer, Owkin, Global Coordinator, H2020 program ImmunAID*

**Medical Education in South Africa**

**Flora Kontogeorgis**

*Family Medicine Physician, Hellenic Medical Diaspora of South Africa*

**16:30 – 17:30 [Αγγλόγλωσσο Προπτυχιακό Πρόγραμμα Σπουδών / English Medical Curriculum](#)**

**Συντονιστές / Moderators:**

**Κυριάκος Αναστασιάδης / Kyriakos Anastasiadis**

*Πρόεδρος Τμήματος Ιατρικής ΑΠΘ*

*Head, School of Medicine Aristotle University of Thessaloniki*

**Αποστόλης Δημητρόπουλος / Apostolis Dimitropoulos**

*Γενικός Γραμματέας Ανώτατης Εκπαίδευσης, Υπουργείο Παιδείας και Θρησκευμάτων*

*Secretary General of Higher Education, Ministry of Education and Religious Affairs*

**Ομιλητές / Speakers:**

**Νικόλαος Φόρογλου / Nikolaos Foroglou**

*Καθηγητής Νευροχειρουργικής ΑΠΘ*

*Professor of Neurosurgery, International Studies, Aristotle University of Thessaloniki*

**Matthew Lodge**

*Πρέσβης, Βρετανική Πρεσβεία, Αθήνα*

*Ambassador, British Embassy, Athens*

**Xiao Junzheng**

*Πρέσβης, Λαϊκή Δημοκρατία της Κίνας, Ελλάδα*

*Ambassador, Embassy of the People's Republic of China, Athens, Greece*







**Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 ΑΙΘΟΥΣΑ ΑΙΜΙΛΙΟΣ ΡΙΑΔΗΣ / AIMILIOS RIADIS HALL**

**Στυλιανή-Αννα Τσίρκα / Styliani-Anna Tsirka**

*Αναπληρώτρια Κοσμήτορας Renaissance School of Medicine, Stony Brook University, ΗΠΑ  
Vice Dean Renaissance School of Medicine, Stony Brook University, USA*

**Γρηγόριος-Τηλέμαχος Σταμκόπουλος / Gregorios Telemachos Stamkopoulos**

*Εκπρόσωπος Αρχιεπισκοπής Αμερικής  
Representative of the Archdiocese of America*





**Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 1 / MORIS SALTIEL HALL 1**

**09:00 - 11:00 Συνεδρία Τμήματος Ιατρικής ΑΠΘ / Session Aristotle University of Thessaloniki School of Medicine  
Σύγχρονη πρόληψη νοσημάτων / Preventive Medicine**

**Συντονιστές / Moderators:**

**Παντελής Ζερμπεκάκης / Pantelis Zebekakis**

*Καθηγητής Παθολογίας, Πρόεδρος Τομέα Παθολογίας*

*Professor of Internal Medicine, Aristotle University of Thessaloniki, Director of Sector of Internal Medicine*

**Αντώνιος Γούλας / Antonios Goulas**

*Καθηγητής Φαρμακολογίας, Πρόεδρος Τομέα Φυσιολογίας, Φαρμακολογίας, Βιολογικών Επιστημών και Προληπτικής Ιατρικής*

*Professor of Pharmacology, Aristotle University of Thessaloniki, Director of Physiology, Pharmacology, Biological Sciences and Preventive Medicine Sector*

**Κύριοι Ομιλητές / Keynote Speakers:**

Εμβόλια: Βασικοί πυλώνες πρόληψης λοιμωδών νοσημάτων / Vaccines: Major pillars of infectious diseases prevention

**Χαράλαμπος Ανταχόπουλος / Haralampos Antachopoulos**

*Αν. Καθηγητής Παιδιατρικής - Λοιμωξιολογίας, Γ' Παιδιατρική Κλινική ΑΠΘ, Γ.Ν. Ιπποκράτειο, Θεσσαλονίκη*

*Assoc. Professor of Pediatrics - Infectious Diseases, 3rd Department of Pediatrics, Aristotle University of Thessaloniki*

Παχυσαρκία και καρδιαγγειακά νοσήματα / Obesity and cardiovascular disease

**Βασίλειος Κώτσης / Vassilios Kotsis**

*Καθηγητής Παθολογίας ΑΠΘ*

*Professor of Internal Medicine, Aristotle University of Thessaloniki*

Πρόληψη της παιδικής παχυσαρκίας / Prevention of child obesity

**Ασημίνα Γαλλή / Assimina Galli**

*Καθηγήτρια Παιδιατρικής-Παιδιατρικής Ενδοκρινολογίας ΑΠΘ*

*Professor of Pediatrics-Pediatric Endocrinology, Aristotle University of Thessaloniki*

Πρόληψη της προεκλαμψίας. Η επόμενη μέρα / Prevention of preeclampsia. What comes next

**Απόστολος Αθανασιάδης / Apostolos Athanasiadis**

*Καθηγητής Γυναικολογίας Μαιευτικής ΑΠΘ*

*Professor of Gynecology, Aristotle University of Thessaloniki*

Η στρατηγική της προληπτικής ιατρικής στην Πρωτοβάθμια Φροντίδα Υγείας / The strategy of preventive medicine in Primary Health Care

**Εμμανουήλ Σμυρνάκης / Emmanouel Smyrnakis**

*Αναπλ. Καθηγητής Πρωτοβάθμιας Φροντίδας Υγείας - Ιατρικής Εκπαίδευσης ΑΠΘ*

*Assoc. Professor of Primary Healthcare, Aristotle University of Thessaloniki*

Ο ρόλος των σύγχρονων μεθοδολογιών omics στην πρόληπτική ιατρική / The role of modern omics methodologies in prevention medicine

**Μιχάλης Αϊβαλιώτης / Michael Aivaliotis**

*Αναπλ. Καθηγητής Βιοχημείας ΑΠΘ*

*Assoc. Professor of Biochemistry, Aristotle University of Thessaloniki*





**Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 1 / MORIS SALTIEL HALL 1**

**11:00 – 12:45 Συνεδρία Τμήματος Ιατρικής ΑΠΘ / Session Aristotle University of Thessaloniki School of Medicine  
Ιατρική Ακριβείας / Precision Medicine**

**Συντονιστές / Moderators:**

**Παναγιώτης Μπαμιδής / Panagiotis Bamidis**  
*Καθηγητής Ιατρικής Φυσικής και Πληροφορικής στην Ιατρική Εκπαίδευση*  
*Professor of Medical Physics, Informatics and Medical Education, Aristotle University of Thessaloniki*

**Αστέριος Καραγιάννης / Asterios Karagiannis**  
*Ομότιμος Καθηγητής ΑΠΘ*  
*Professor Emeritus, School of Medicine Aristotle University of Thessaloniki*

**Κύριοι Ομιλητές / Keynote Speakers:**

Ιατρική της ακριβείας στη Νευρολογία / Precision Medicine in Neurology  
**Νικόλαος Γρηγοριάδης / Nikolaos Grigoriadis**  
*Καθηγητής Νευρολογίας ΑΠΘ*  
*Professor of Neurology, Aristotle University of Thessaloniki*

Κολπική μαρμαρυγή: Ψάχνοντας για κρυφές πληροφορίες στο ΗΚΓ / Atrial Fibrillation: Looking for hidden information in the ECG  
**Βασίλειος Βασιλικός / Vasileios Vassilikos**  
*Καθηγητής Καρδιολογίας ΑΠΘ*  
*Professor of Cardiology, Aristotle University of Thessaloniki*

**Βασίλειος Παπαδόπουλος / Vasileios Papadopoulos**  
*Καθηγητής Χειρουργικής ΑΠΘ, Διευθυντής Χειρουργικού Τομέα*  
*Professor of Surgery, Aristotle University of Thessaloniki, Director of Sector of Surgery*

Η ανάπτυξη μια επιτυχημένης στρατηγικής θεραπευτικής προσέγγισης στη θεραπεία του COVID-19  
**Συμεών Μεταλλίδης / Symeon Metallidis**  
*Αναπλ. Καθηγητής Παθολογίας-Λοιμωξιολογίας ΑΠΘ*  
*Assoc. Professor of Internal Medicine – Infectious Disease, Aristotle University of Thessaloniki*

**Evangelos Giamarellos – Borboulis**  
*Professor of Internal Medicine and Infectious Diseases, Medical School, National and Kapodistrian University of Athens, Chairman European Sepsis Alliance*

Τεχνητό πάγκρεας - Ένα όνειρο που γίνεται πραγματικότητα  
**Τριαντάφυλλος Διδάγγελος / Triantafilos Didangelos**  
*Αναπλ. Καθηγητής Παθολογίας ΑΠΘ*  
*Assoc. Professor of Internal Medicine, Aristotle University of Thessaloniki*

Ιατρική της Ακριβείας και ψυχική υγεία / Precision Medicine and mental health  
**Κωνσταντίνος Φουντουλάκης / Konstantinos Fountoulakis**  
*Καθηγητής Ψυχιατρικής ΑΠΘ*  
*Professor of Psychiatry, Aristotle University of Thessaloniki*



**Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 1 / MORIS SALTIEL HALL 1**

**15:00 - 17:00 GE Healthcare Workshop**

**Συντονιστές / Moderators:**

**Αλκίνοος Αθανασίου / Alkinoos Athanasiou**

*Αντιπρόεδρος Ελληνικής Εταιρείας Βιοϊατρικής Τεχνολογίας (ΕΛΕΒΙΤ)*

*Vice-President, Hellenic Society of Biomedical Technology (ELEVIT)*

**Βασιλική Ζηλίδου / Vicky Zilidou**

*Treasurer, Hellenic Society of Biomedical Technology (ELEVIT)*

**Enhancing CT diagnostic confidence with dual energy and AI: From physics to clinical applications**

**Andreas Stratis**

*PhD MBA, Clinical Leader, CT & Molecular Imaging, General Electric, East Europe*

*Summary: Lecture and demo / Physics of GSI and TrueFidelity / Clinical added value / Demo of clinical presentations (Angio, MSK, Pulmonary Embolism)*



**Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 2 / MORIS SALTIEL HALL 2**

09:00 - 10:30 **Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς - Εξειλιξεις στην Ογκολογία**  
**Hellenic Medical Societies (HMS) Forum - Oncology Update**

**Moderator:**

**Dimitri Tzanis**  
*Surgeon - Oncologist, Institut Curie, Paris, France*

**Speakers:**

Artificial Intelligence and Personalized Medicine Approaches in Cancer

**Vassili Soumelis**

*Professor, Immunology (on leave), Université Paris Cité, Inserm U976 HIPI, Consulting physician, Hematology Hôpital St Louis, Paris, Chief Medical Officer, Owkin, Global Coordinator, H2020 program ImmunAID*

Staging Laparoscopy in Gastric Cancer Surgery

**Charalambos Melenakos**

*General and Visceral Surgeon, Department of General, Visceral, Vascular and Thoracic Surgery, Werner Forssmann Hospital, Academic Hospital of Charité Universitätsmedizin Berlin, Eberswalde, Berlin Brandenburg, Germany*

Surgical Treatment of Locally Advanced Pancreatic Carcinoma

**Ioannis Dimitriou**

*General Surgeon, Head of the Department, St. Barbara-Hospital Gladbeck, Sankt Marien-Hospital Geksenkirchen-Buer, Germany*

Advances in Brachytherapy Treatment and Gynecologic Radiation Oncology

**Stella Lymberis**

*Clinical Assistant Professor and Director of Quality Initiatives, Department of Radiation Oncology at NYU Grossman School of Medicine, NYU Langone Health, USA*

Advances in the Treatment of Hematologic and Oncologic Diseases

**Aristoteles Giagounidis**

*Hematologist-Oncologist, Marienhospital Düsseldorf, Germany*

Advanced Surgery and Locoregional Therapies for Soft Tissue Sarcomas of Extremities

**Nikolaos Vassos**

*Professor of Surgery, University Medical Center Mannheim, University of Heidelberg, Germany*

Eradicating Cervical Cancer Globally

**Lorraine Chrisomalis-Valasiadis**

*Doctor of Obstetrics and Gynecology, Northwell Health, New York, USA*

Current Surgical Strategies in Retroperitoneal Sarcoma

**Dimitri Tzanis**

*Surgeon - Oncologist, Institut Curie, Paris, France*





**Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 2 / MORIS SALTIEL HALL 2**

**10:30 - 11:20 Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς - Αντιμετώπιση των όγκων του εγκεφάλου  
Hellenic Medical Societies (HMS) Forum - Brain Tumor Management**

**Moderator:**

**Konstantinos Gousias**

*Neurosurgeon, St Marien Academic Hospital Lünen, University of Münster, Germany*

**Speakers:**

Management of (Not so) Low-grade Gliomas

**Konstantina Karabatsou**

*Consultant Neurosurgeon Salford Royal Hospital, Manchester, UK*

Current and future therapeutic concepts for glioblastoma

**Theophilos Tzaridis**

*Pediatric Neurooncology, Ruprecht-Karls University of Heidelberg, Wechsler-Reya Lab, Germany, Sanford Burnham Prebys Medical Discovery Institute, San Diego USA*

Local therapies against glioblastomas; is a closer combat more effective?

**Konstantinos Gousias**

*Director of Neurosurgical Department, St Marien Academic Hospital Lünen, University of Münster, Germany, Professor for Neurosurgery, University of Nicosia & University of Münster*

Nuances in skull base tumour surgery

**Alexandros Boukas** 

*Senior Clinical Fellow, King's College Hospital, London, UK*

Ophthalmic manifestations of VHL Syndrome

**Nikolaos Bechrakis** 

*Professor of Ophthalmology, University Hospital Essen, Germany*

**11:20 - 11:30 Διάλειμμα / Break**

**11:30 - 12:30 Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς - Μεταβολικές νόσοι  
Hellenic Medical Societies (HMS) Forum - Metabolic Disease**

**Συντονιστής / Moderators:**

**Spyros Meztitis**

*Endocrinologist, President, Federation of Hellenic Medical Societies of North America*

**Ομιλητές / Speakers:**

Outpatient Management of Diabetes Type 2

**Spyros Meztitis**

*Endocrinologist, President, Federation of Hellenic Medical Societies of North America*





**Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 2 / MORIS SALTIEL HALL 2**

From Harvard to Crete: The Hellenic Center for Excellence in Health & Wellness

**Stefanos Kales**

*Professor of Medicine & Environmental Health, Harvard Medical School and Chan School of Public Health, USA*

Epigenetics and Childhood Obesity

**Demetrios Markouizos**

*Clinical Assistant Professor at New York Presbyterian - Weil Cornell Center, Board certified Pediatrician, Medical Geneticist and Board certified in Obesity Medicine, New York, USA*

The Latest ILCOR/ERC Guidelines-A Novel way to teach vital skills to our hospital CPR providers

**Marietta Varvarikos**

*Emergency Medicine, Centre Hospitalier de l'Université de Montreal, Quebec, Canada*

Building hospital-based child safety care units in Greece with the NGO ELIZA

**Alexandra Soldatou** 

*Associate Professor of Pediatrics, National and Kapodistrian University of Athens Medical School*

The Anti-inflammatory Potential of the traditional Mediterranean diet

**Catherine Itsiopoulos** 

*Dean, School of Health and Biomedical Sciences, RMIT University, Australia*

**Frank Chervenak**

*Chair, Obstetrics & Gynecology, Lenox Hill Hospital, Professor and Chair, Obstetrics & Gynecology, Associate Dean for International Medicine, Zucker School of Medicine at Hofstra, Northwell, New York, USA*

**12:30 - 13:30 Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς - Καρδιαγγειακές παθήσεις  
Hellenic Medical Societies (HMS) Forum - Cardiovascular Update**

**Συντονιστής / Moderator:**

**Savvas Apostolidis**

*Vascular Surgeon/Phlebologist, Hellenic Medical Society of Hessen, Germany*

**Ομιλητές / Speakers:**

Current management of Pulmonary Embolism: Who and When to Intervene?

**Elias Iliadis**

*Clinical Cardiologist, Cooper University, New Jersey, USA*

Vascular Surgery-Quo vadis

**Konstantinos Donas** 

*Professor of Vascular Surgery, Asklepios Kliniken Langen, University of Frankfurt, Germany*

Current management of diabetic foot

**Efthimios Beropoulos**

*Consultant of vascular and endovascular surgery, St. Franziskus Hospital Münster, Germany*





**Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 2 / MORIS SALTIEL HALL 2**

Acute aortic syndrome

**Kyriakos Oikonomou**

*Professor of Vascular Surgery, Director of Vascular and Endovascular Surgery, University Hospital Frankfurt, Germany*

13:30 - 13:45 **Διάλειμμα / Break**

13:45 - 14:30 **Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς - Γήρανση  
Hellenic Medical Societies (HMS) Forum - Frailty - Aging**

**Moderator:**

**Alexandra Touroutoglou**

*Assistant Professor of Neurology, Harvard Medical School, USA*

**Speakers:**

A 25-year-old brain in a 75-year-old body

**Alexandra Touroutoglou**

*Assistant Professor of Neurology, Harvard Medical School, USA*

At a loss for words but not for hope

**Kyрана Tsapkini**

*Associate Professor of Neurology, Johns Hopkins University, USA*

Frailty

**Athina Angelopoulou**

*Consultant in Geriatric Medicine, Macclesfield General Hospital NHS Trust, UK, President of the Hellenic Diaspora Doctors Association UK (He.Di..D.A-UK)*

Cerebral microinfarcts: Invisible lesions that cause visible damage

**Vasileios-Arsenios Lioutas**

*Assistant Professor of Neurology, Institution. Beth Israel Deaconess Medical Center, Harvard Medical School, Boston, USA*

Update on stroke treatment, stroke centers and stroke systems of care

**Angelos Katramados**

*Vice Chair, Quality and Informatics, Department of Neurology, Henry Ford Health System Associate Professor, Neurology, Wayne State University*

14:30 - 15:15 **Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς - Άλγος ράχης  
Hellenic Medical Societies (HMS) Forum - Back pain management**

**Moderator:**

**Xenofon Baraliakos**







Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 **ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 2 / MORIS SALTIEL HALL 2**

Speakers:

**Xenofon Baraliakos**

*Professor of Rheumatology, University of Bochum, Germany*

The state of the art in spinal fusion

**Konstantinos Margetis**

*Assistant Professor of Neurosurgery, Mount Sinai Hospital, USA*

Back pain & spinal cord stimulation: a journey in time

**Georgios Matis** 

*Neurosurgeon, University Hospital Cologne, Germany*

**Konstantinos Kafchitsas**

*Orthopedic Surgeon, University Hospital Mainz, Germany, Ass. Professor, Head Physician, Department of Spinal Diseases of Asklepios Clinic Lindenlohe*

Interdisciplinary Spine centers for the treatment of Complex Adult Spinal Deformity: a prospective study and single-institution description of an interdisciplinary center

**Eleftherios Archavlis**

*Associate Professor of Neurosurgery, University Mainz Interdisciplinary Spine Center und Department of Neurosurgery St. Elisabethen, Krankenhaus Frankfurt, Germany*

18:00 - 20:00 **Biomedical Technologies - Medicine in the 21<sup>st</sup> Century**

Moderator:

**Kyriakos Anastasiadis**

*Head, School of Medicine, Aristotle University of Thessaloniki*

**Panagiotis Bamidis**

*Professor, Aristotle University of Thessaloniki*

Keynote Speakers

**Pelagia-Irene Gouma** 

*Professor, Materials Science and Engineering*

**George N. Pavlakis** 

*MD, PhD, Scientist Emeritus, Vaccine Branch Center for Cancer Research, National Cancer Institute, Frederick, Maryland, USA*

**George Scangos** 

*CEO Vir Biotechnology, Inc*

**Viktor Jirsa**





**Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 ΑΙΘΟΥΣΑ ΜΩΡΙΣ ΣΑΛΤΙΕΛ 2 / MORIS SALTIEL HALL 2**

**Constantinos Daskalakis**  
*Professor of Electrical Engineering and Computer Science*

**Patricia L. Turner**   
*Executive Director, American College of Surgeons*

**Eliza Konofagou**   
*Professor of Radiology and Robert and Margaret Hariri Professor of Biomedical Engineering, Columbia University, USA*

**Vasilis Ntziachristos**   
*Professor, School of Medicine and School of Engineering Director, Chair for Biological Imaging, Technical University of Munich TUM, Director of Institute Biomedical and Medical Imaging Director, Department of Bioengineering, Helmholtz Munich, Germany*





Σάββατο 16 Ιουλίου 2022 / Saturday 16 July 2022 **ΑΙΘΟΥΣΑ ΝΑΓΝΩΣΤΗΡΙΟΥ / LIBRARY HALL**

09:30 – 17:00 **Workshop: Η εκπαίδευση των επαγγελματιών υγείας μέσα από την εμπειρία του Δωματίου Απόδρασης / Workshop: Multi-professional Healthcare Workforce Education through an Escape Room experience**

[4 times for 90 mins each and 30' breaks in between]

Sponsored by the ESCAPE4HEALTH Erasmus+ project

### Οργανωτές / Organisers

#### **Παναγιώτης Μπαμιδής / Panagiotis Bamidis**

*Καθηγητής Ιατρικής Φυσικής και Πληροφορικής στην Ιατρική Εκπαίδευση  
Professor of Medical Physics, Informatics and Medical Education, Aristotle University of Thessaloniki*

#### **Νικόλαος Κυριακίδης / Nikolaos Kyriakidis**

*Επιστημονικός Συνεργάτης, Εργαστήριο Ιατρικής Φυσικής και Ψηφιακής Καινοτομίας, ΑΠΘ  
Research Associate, Lab of Medical Physics and Digital Innovation, AUTH*

#### **Παναγιώτης Αντωνίου / Panagiotis Antoniou**

*Δρ. Ιατρικής Φυσικής, Μεταδιδακτορικός ερευνητής και Εργαστηριακός Διδάσκων, Εργαστήριο Ιατρικής Φυσικής και Ψηφιακής Καινοτομίας, ΑΠΘ  
MSc, PhD, Postdoctoral Research Associate & Laboratory Reader, Lab of Medical Physics and Digital Innovation, Aristotle University of Thessaloniki*

#### **Μαρία Νικολαΐδου / Maria Nikolaidou**

*Επιστημονικός Συνεργάτης, Εργαστήριο Ιατρικής Φυσικής και Ψηφιακής Καινοτομίας, ΑΠΘ  
Research Associate, Lab of Medical Physics and Digital Innovation, AUTH*

Το Εργαστήριο Ιατρικής Φυσικής και Ψηφιακής Καινοτομίας έχει δημιουργήσει το πρώτο εκπαιδευτικό δωμάτιο απόδρασης στα Ελληνικά ΑΕΙ. Μια εμπειρία ψυχαγωγίας και μάθησης θα είναι διαθέσιμη σε 4 συνεδρίες για φοιτητές ιατρικής, ειδικευόμενους ιατρούς, μέλη ΔΕΠ Ιατρικής και παραϊατρικό προσωπικό, σε μικτά γκρουπ των 6 ατόμων.

Το δωμάτιο απόδρασης 'DIAMED PRINCESS' εκτυλίσσεται σ' ένα κρουαζιερόπλοιο όπου οι συμμετέχοντες θα κληθούν να παρέχουν επείγουσα προ-νοσοκομειακή φροντίδα υγείας και να αντιμετωπίσουν ένα περιστατικό αξιοποιώντας κλινικές και άλλες δεξιότητες, μέσα σε περιβάλλον με περιορισμένο εξοπλισμό και διαθέσιμο χρόνο. Η ικανότητά τους να παίξουν σε ένα ατμοσφαιρικό σενάριο, να χειρίζονται μηχανισμούς και να επιλύουν γρίφους θα τους οδηγήσει στην απόδραση.

Το δωμάτιο απόδρασης αναπτύχθηκε στα πλαίσια του χρηματοδοτούμενου ερευνητικού έργου ESCAPE4HEALTH (<https://escape4health.eu/>) με διαδικασίες και μεθοδολογία συν-δημιουργίας με τη συμμετοχή Ακαδημαϊκών, κλινικών και φοιτητών. Οι βασικοί του στόχοι είναι να α) δώσει την ευκαιρία σε επαγγελματίες υγείας να αξιοποιήσουν δεξιότητες και γνώσεις που έχουν διδαχθεί στο παρελθόν, β) διευκολύνει την εκπαίδευση των φοιτητών στην απόκτηση νέων γνώσεων, γ) βοηθήσει τους διδάσκοντες να εντοπίσουν ευκαιρίες και ανεπάρκειες του προγράμματος σπουδών Ιατρικής.

Η κάθε συνεδρία θα διαρκεί 90' (45' δωμάτιο απόδρασης και 45' συζήτηση). Η δήλωση συμμετοχής στις 4 προγραμματισμένες συνεδρίες θα είναι διαθέσιμη 1 εβδομάδα πριν το Aristotle Medical Forum σε μέλη ΔΕΠ, φοιτητές ιατρικής (3<sup>ο</sup> εξάμηνο και άνω), επαγγελματίες υγείας και παραϊατρικό προσωπικό.





Κυριακή, 17 Ιουλίου 2022  
Sunday, 17 July 2022

## Κυριακή στο Πανεπιστήμιο Sunday at the University Campus

*Επίσκεψη στις εγκαταστάσεις του Τμήματος Ιατρικής του ΑΠΘ καθώς και στο campus του ΑΠΘ*  
*Visit to the School of Medicine, Aristotle University of Thessaloniki and the University Campus*

10:00 – 11:00

**Ο Ιπποκράτης συναντά τον Αριστοτέλη**  
**When Hippocrates Meets Aristotle**  
(Πλατεία Κτιρίου Διοίκησης ΑΠΘ)

11:00 – 12:00

**Γνωριμία με το Τμήμα Ιατρικής ΑΠΘ**  
**Meet AUSoM**  
(Κτίριο Διοίκησης, Τμήματος Ιατρικής ΑΠΘ - Αμφιθέατρο Α)

**Κυριάκος Αναστασιάδης / Kyriakos Anastasiadis**  
*Πρόεδρος Τμήματος Ιατρικής ΑΠΘ*  
*Head, School of Medicine Aristotle University of Thessaloniki*

**Νικόλαος Φόρογλου / Nikolaos Foroglou**  
*Καθηγητής Νευροχειρουργικής ΑΠΘ*  
*Professor of Neurosurgery, International Studies, Aristotle University of Thessaloniki*

**Στέφανος Τριαριδης / Stefanos Triaridis**  
*Αναπλ. Πρόεδρος Τμήματος Ιατρικής ΑΠΘ*  
*Deputy Head, School of Medicine Aristotle University of Thessaloniki*

12:00 – 14:00

**Εκδήλωση AMF - Τμήματος Ιατρικής ΑΠΘ**  
**AMF – AUSoM**





## ACKNOWLEDGEMENTS

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ΒΙΟΜΗΧΑΝΙΑ ΦΑΡΜΑΚΩΝ  
ΕΤΑΙΡΕΙΑ ΤΟΥ ΟΜΙΛΟΥ ΓΙΑΝΝΑΚΟΠΟΥΛΟΥ



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MEDTECH

# Medtronic



**ABSTRACTS****Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς: Η Καινοτομία στην Ιατρική  
Hellenic Medical Societies (HMS) Forum: Innovation in Medicine**

Name	Prof. Vassilios Papalois
Title	<b>Machine perfusion: a revolution in organ assessment and re-conditioning prior to transplantation</b>
Abstract	The focus of my talk will be on the use of hypothermic and normothermic extracorporeal machine perfusion aiming to assess and improve marginal/extended criteria organs prior to implantation. We will appraise all the modern relevant assessment and reconditioning modalities related to machine perfusion as well the future prospects

Name	Dr. med. Marios Papadakis
Title	<b>Technology tools for preventing and detecting surgical never events</b>
Abstract	Never events are unacceptable deviations from optimal patient care, i.e. mistakes, for which there is simply no excuse. In surgery, the term, almost always, refers to wrong-site surgery and retained surgical items. The current study analyzes modern technology tools used for prevention and detection of surgical never events, eg. patient wristbands, surgical data recorders, bar-code scanning system, radiofrequency detection systems and radiofrequency identification tools.



Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς – Αντιμετώπιση της Χρόνιας Νόσου  
Hellenic Medical Societies (HMS) Forum – Managing chronic illness

Name	Prof. Denis Hadjiiliadis
Title	<b>How can Palliative Care Support Patients with Chronic Illness?</b>
Abstract	<p>Objectives: 1. Define Palliative Care; 2. Discuss problems with chronic illness; 3. List benefits of Palliative Care in Chronic Illness</p> <p>Abstract (if needed): “Chronic diseases significantly limit survival and quality of life for millions of people across the world. Medicine has made great advances in care; however, there is an increasing fragmentation of care, away from a wholistic approach to patients and their families. This can lead to increasing distress for patients and their families and reduces their quality of life and satisfaction with the health care system. Palliative care medicine attempts to bridge many of these shortcomings of modern medicine. It utilizes a multidisciplinary approach with team members including physicians, nurses, advanced practice providers, social workers, pharmacists, spiritual and pastoral care providers among others. Palliative care aims to improve many of these issues. It serves to improve uncontrolled symptoms beyond disease specific management: pain, anxiety, dyspnea, depression, nausea are some of the symptoms that palliative care focuses on; care include traditional pharmacologic, but also many non-pharmacologic and integrative of achieving these goals. In addition, the palliative care acts as a support team for patients with chronic illnesses, helping navigate many difficult decisions and situations. Finally, one of the most important aspects is providing a way for patients to express their philosophy of care and share that information with their families and healthcare providers. Goal concordant care is one of the ultimate goals, leading to improved satisfaction and quality of life for patients and less distress for family members and healthcare providers”</p>

Name	Vasileios Stavropoulos
Title	<b>Internet Gaming Disorder: Risk and Protective Factors</b>
Abstract	<p>Internet gaming is particularly popular among young people. Despite its recreational and entertainment aspects, a minority of individuals engage excessively experiencing problems in their education, employment and relationships with others. These gaming related difficulties have prompted the American Psychiatric Association (2013) and the World Health Organization (2019) to propose independent diagnostic classifications to describe this emerging condition. This presentation aspires to briefly highlight issues related to risk and protective factors of disordered gaming, whilst addressing the following three aims: a) Describing gaming behaviours related to higher risk for disordered gaming; b) Explaining disordered gaming related mechanics, such as flow, presence and the user-avatar bond; c) Illustrating Implications and further research in the light of emerging literature.</p>





Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς - Ψυχική Υγεία  
Hellenic Medical Societies (HMS) Forum - Mental Health

Name	Lila Amiralis
Title	ADHD and comorbid conditions
Abstract	<p>ADHD is a very frequently comorbid neurodevelopmental disorder as 50-90% of children and 85% of adults with ADHD have at least one comorbid condition (National Comorbidity Survey, Am J Psychiatry, 2006).</p> <p>Objectives</p> <ul style="list-style-type: none"><li>• Discuss the prevalence of the most common comorbidities in children and adults with ADHD and how it varies with age.</li><li>• Identify the symptoms that overlap between ADHD and comorbid conditions and discuss the differential diagnosis and diagnostic tools.</li><li>• Discuss treatment recommendations for ADHD patients with the most common comorbidities</li></ul>

Name	Magdalena Simonis
Title	<b>Women's Distress during the Pandemic</b>
Abstract	This survey aimed to explore the experiences of women doctors working in diverse medical settings around the globe during the COVID-19 pandemic, and how this affected their work life and sense of wellbeing. The study fills a significant gap in the research during COVID-19

Name	Maria T. Lymberis, MD
Title	<b>End of Life</b>
Abstract	<p>Objectives</p> <ol style="list-style-type: none"><li>1. The role of the emotional Defense Mechanism of Denial at the End of Life phase</li><li>2. The adverse impact of the universal human fear of death on the mourning process</li><li>3. The value of ACCEPTANCE of DEATH as part of LIFE</li><li>4. Climate Change and our current human challenge: LIFE=The GIFT that each of us humans receives and my take on the old warning of "Beware of Greeks Bearing Gifts" ..</li></ol>







Name	George Paxinos
Title	<b>Why Psychology Lost Its Soul</b>
Abstract	<p>The concept of “soul” is not needed to either understand or modify behaviour. Our brain is the riverbed that holds and channels our stream of consciousness (Koch, 2012). It is moulded by family and culture. Experience sculpts our character from the genetic material we are granted as Phidias sculpted Apollo from a block of Parian marble. Alzheimer’s disease will pay an unwelcome visit to many of us at end of life. It will disrupt the internal structure of our neurons and we will be living evidence the mind is the product of the brain and has no influence on it. Which one of us would not like to discard our depression, anxieties, obsessions, compulsions, our unrequited love? It seems the puppet is free only in as much as it loves its strings (Harris, 2012).</p> <p>Professor Paxinos will speak on the neuroscience behind A River Divided, a novel in the environmental genre that broke a record in the time it took him to complete—21 years. He will speak of the neuroscience principles on the formation of heroes of the novel, giving a historical account of the origin of ideas of the mind, the soul, free will and consciousness.</p>





Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς: Η απάντηση στην πανδημία  
Hellenic Medical Societies (HMS) Forum: Pandemic response

Name	Natalia Linos
Title	<b>Health Equity in the time of COVID</b>
Abstract	The health and socio-economic impact of COVID-19 has not been equal across populations, and across many countries has been disproportionately felt by vulnerable groups and populations experiencing racial and ethnic discrimination. The presentation will discuss opportunities to build more resilient and equal societies as we emerge from the pandemic





**Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς - Δερματολογία, Φλεβολογία και Πρόληψη του Καρκίνου**

**Hellenic Medical Societies (HMS) Forum - Dermatology, Phlebology and Cancer Prevention**

Name	Fawzeia El Tamimi
Title	<b>Myths and Misconceptions about sunscreen and sun safety</b>
Abstract	Although the sun is necessary for life, its overexposure poses a risk for multiple medical conditions. Some of these conditions are serious and life threatening such as skin cancers, others are more common like pigmentation, photoaging and sunburns. Did you know that 50% of skin cancer worldwide is preventable by using sunscreen properly? The biggest misconception is that people think they don't need sunscreen year round every single day In addition, studies and surveys found that most people who use sun screens use it in a wrong way

Name	Anastasia Therianou
Title	<b>Skin manifestations of systemic disorders</b>
Abstract	When most people hear the term 'dermatology', the first thing comes to mind is acne or eczema. The aim of this lecture is to demonstrate how the skin is linked to various systemic disorders.

Name	Savvas Apostolidis
Title	<b>Next Generation Phlebology</b>
Abstract	The history of Phlebology begins already bei Hippokrates. In the ancient years and in the Middle Ages several methods were used to treat varicose veins. During the 20th century stripping and crossotomy became the standard phlebological procedure. At the dawn of the 21st century endovenous thermal ablation gained more and more interest. At the same time sclerotherapy undergoes a revolutionary development. Non thermal non tumescent procedures can increasingly gain ground with therapists and patients. ScleroSafe® a catheter-based procedure is presented as an example for this development. The experiences of a single-center with more than 150 patients over the last 3 years are presented here. What can we expect for the future?



Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς - Μεταβολικές νόσοι  
Hellenic Medical Societies (HMS) Forum - Metabolic Disease

Name	Spyros Mezitis
Title	<b>Outpatient Management of Diabetes Type 2</b>
Abstract	<p>SGE Mezitis, MD, PhD, Assistant Professor of Clinical Medicine/Endocrinology, Weill Medical College of Cornell University Attending Physician, New York-Presbyterian Hospital, Lenox Hill Hospital, New York, NY USA, <a href="http://www.DrMezitis.com">www.DrMezitis.com</a> President, Federation of Hellenic Medical Societies of North America, Inc., <a href="http://www.hellenicfedmed.org">www.hellenicfedmed.org</a></p> <p>Diabetes type 2 is a chronic disease that is increasing in incidence, affecting over 500 million people worldwide and is associated with chronic complications due to blood vessel inflammation that mainly affects the eyes, kidneys, nerves, and heart.</p> <p>The pathophysiology is related to decreased pancreatic insulin secretion and insulin resistance associated with increased fat tissue in obesity.</p> <p>Low carbohydrate diet and regular aerobic exercise are the foundation of therapy. Medical management targets a three month blood sugar average Hemoglobin A1c below 7% with a patient tailored step approach involving a combination of medications.</p> <p>Medications can be oral or injectables. Oral antidiabetic medications include insulin sensitizers, insulin secretagogues, carbohydrate absorption inhibitors, gastrointestinal hormone enhancers, renal glucose reabsorption inhibitors, and appetite suppressants.</p> <p>Injectables consist of gastric hormone and insulin analogues that vary by time of action. Insulin can be delivered by syringe, pen, insulin pump, or infusion. The fingerstick glucose measurements are being replaced by continuous glucose monitoring devices.</p> <p>Diabetics are mainly treated by primary care physicians and difficult cases are referred to endocrinologists. The patient profile and cost of care are considered in the medical algorithm developed for the individual patient to avoid diabetic retinopathy, nephropathy, neuropathy, cardiovascular disease and stroke.</p> <p>Ref: Nicholas H E Mezitis, MD, Stanley Heshka, PHD, Valerie Saitas, MD, Timothy S Bailey, MD, Rafaella Costa, MD and Xavier Pi-Sunyer, MD Combination Therapy for NIDDM with Human Insulin and Glyburide, <i>Diabetes Care</i> 1992 Feb; 15(2): 265-269. <a href="https://doi.org/10.2337/diacare.15.2.265">https://doi.org/10.2337/diacare.15.2.265</a> Mezitis S.G., Mezitis N.H. (2015) Glycemic Goals. In: Poretzky L.(eds) <i>Principles of Diabetes Mellitus</i>. Springer, Cham</p>





<b>Name</b>	Stefanos Kales
<b>Title</b>	<b>From Harvard to Crete: The Hellenic Center for Excellence in Health &amp; Wellness</b>
<b>Abstract</b>	<p>The traditional Greek diet has been labeled "Mediterranean" and is now considered the world's most evidence-based eating pattern for promoting health and longevity. Expert consensus has even identified the Mediterranean diet as the easiest to follow among healthy eating patterns. However, fewer families cook at home and do not know how to select and buy fresh foods. Furthermore, institutional food environments and their busy consumers often sacrifice health benefits for the convenience of faster, cheaper and more processed foods of lower quality. Additionally, many food services have been slow to implement healthier food options compatible with the Mediterranean diet. All of these factors, contribute to the current epidemics of obesity, diabetes and other chronic diseases. This presentation will look at means for the dissemination &amp; translation of Healthy Traditional Greek Principles to the greater public, including the creation of the Hellenic Center for Excellence in Health &amp; Wellness as a non-profit in USA, which operates educational programs in Crete.</p>

<b>Name</b>	Demetrios Markouizos
<b>Title</b>	<b>Epigenetics and Childhood Obesity</b>
<b>Abstract</b>	<p>The childhood obesity epidemic is a worldwide public health concern. Obesity is a multifactorial disease influenced by the interactions of genetic predisposition and environmental factors. The rapid increase of obesity prevalence over the past three decades cannot merely be explained by genetics and evolutionary changes in the genome, implying the gene-environment interactions, such as epigenetic modifications, likely play a major role.</p> <p>Epigenetics is the study of how the environment has an impact on gene expression without changing the underlying DNA sequence. While several genes have been linked with the increase in fat mass, the presence of these genes alone cannot explain the growing prevalence of obesity. The gene-environment interaction probably propels the obesity epidemic and helps explain why individual variations in obesity development exist. Epigenetics is influenced by overconsumption of food, sedentary lifestyle, as well as, other obesity enhancers such as smoking, stress, excessive consumption of alcohol or exposure to exogenous chemicals. These factors can change one's gene expression and further impact his or her risk of obesity.</p> <p>Epigenetic mechanisms may include chemical interactions such as DNA methylation or histone modifications by methylation or acetylation, mostly located on the "tails" of histones that extend out from the nucleosome itself. DNA methylation can inhibit gene expression by recruiting chromatin modifying enzymes to silence transcription. Methylation of mammalian genomes occurs predominantly at the CpG sites.</p>





Abstract	<p>Histone acetylation is widely associated with chromatin structure that is open and, therefore, accessible to transcription factors, which increase gene expression. Small non-coding RNAs (sncRNA's) are known to promote transcriptional gene silencing. Leptin, a hormone secreted by the adipocyte, a mediator of satiety, is implicated in adipocyte differentiation and associated with weight gain in children. There is evidence that hypomethylation at the leptin promoter has been associated with a higher BMI in severely obese patients. Scientific data shows that environmental factors like maternal obesity and nutritional quality before or during pregnancy can cause epigenetic changes in the fetus and could subsequently subject the child to obesity. Although we cannot change the genes we are born with, studies have shown we may be able to affect the expression of these genes and, thereafter, the risk of future diseases. Since DNA methylation may influence the regulation of gene expression, therapeutic modalities can be explored by altering DNA methylation.</p> <p>Nutrition during pregnancy influences epigenetic modifications and has therapeutic potential. The epigenome has the potential to be reversibly modified by exposure to a range of nutritional and environmental factors. Components of nutrition that can affect the epigenetically susceptible loci include phenols derived from apples, soy genistein, tocopherols, tea polyphenols, and diallyl disulfide in garlic. The field of epigenetics is still in its early stages.</p> <p>More research is needed to explore the timing of epigenetic alterations in utero and to answer whether epigenetic modifications present in infancy will persist into childhood. Epigenetic alterations can lead to a change of phenotype without a change of genotype. These events may help us better understand how exposure during crucial developmental periods can potentially alter a child's genetic predisposition to obesity.</p>
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Name	Mariette Varvarikos
Title	<b>The Latest ILCOR/ERC Guidelines-A Novel way to teach vital skills to our hospital CPR providers</b>
Abstract	<p>This presentation will review the most recent Resuscitation Guidelines, as well as highlight certain differences between the International Liaison Committee on Resuscitation (ILCOR) and the European Resuscitation Council (ERC) Guidelines. In order to promote the delivery of high-quality chest compressions during cardiac arrests at the Centre Hospitalier de l'Université de Montréal (Quebec, Canada), a group of colleagues and myself collaborated in developing an adapted teaching format for « timely » chest compressions for our personal support workers, who are actively involved in resuscitative efforts in all of our institutions in Quebec. This project proved to be an innovative abbreviated course that allowed for the training of six hundred people per week, was efficient in improving chest compression performance, and also benefitted our institution in terms of cost and resource planning. Hopefully, it can incite other organizations in implementing similar strategies, with our ultimate goal being to achieve better patient outcomes during in-hospital cardiac arrests.</p>





Name	Alexandra Soldatou
Title	<b>Building hospital-based child safety care units in Greece with the NGO ELIZA</b>
Abstract	Clinicians working with children must be aware of potential signs and symptoms of child abuse and neglect (CAN) and apply an evidence-based approach to prevent further suffering and even death. A core team consisting of child abuse specialists from the USA, faculty members from the National and Kapodistrian University of Athens (NKUA) and the NGO ELIZA collaborated with all academic pediatric departments in the country to raise awareness of CAN among healthcare professionals and develop evidence-based practices in Greece. As a result of this collaboration, the following educational programs were successfully conducted within seven years: 1) a train-the-trainer module on child physical abuse for 19 pediatricians, 2) a national campaign on child physical abuse with 1,200 in person and 1,600 virtual participants, 3) a train-the-trainer module on child sexual abuse for an interdisciplinary group of 30 physicians, 4) a national campaign on child sexual abuse with 3,350 virtual participants. During the same period, an evidence-based model of hospital care was established at the Child Safety Care Unit of the 2nd Department of Pediatrics, NKUA. Successful replication of this model led to another Child Safety Care Unit in the Greater Athens Metropolitan Area, and the planning of two additional Child Safety Care Units (Alexandroupolis and Thessaloniki). The universal application of an evidence-based child safety care model around the country is essential to identify and adequately protect maltreated children and to decrease disparities in pediatric healthcare.

Name	Catherine Itsiopoulos
Title	<b>The Anti-inflammatory Potential of the traditional Mediterranean diet</b>
Abstract	The health benefits of the Mediterranean diet have been known for over 50 years beginning with the findings of the landmark Seven Countries study demonstrating that the lower cardiovascular mortality of Greek Mediterranean people was associated with their nutritional intake (Keys et al, 1986). Research has consistently found that greater adherence to a Mediterranean diet is associated with a lower risk of chronic diseases. An umbrella review of observational studies and randomised controlled trials involving more than 12.8 million people around the world investigated the association between Mediterranean diet adherence and 37 different health outcomes (Dinu et al, 2018). These studies found that for every point increase in the score of adherence to a Mediterranean diet (0 being no adherence and 9 being total adherence) there was a 10% reduction in risk of death from heart disease, cancer (breast and prostate cancers in particular), Alzheimer's disease and other forms of dementia,





Abstract

The traditional Mediterranean diet is a plant-based diet which is abundant in seasonal vegetables and fruit, legumes,, nuts, extra virgin olive oil used as the main source of added fat, wholegrain cereals often consumed as sourdough bread, moderate portions of fish 2-3 times weekly, fermented dairy consumed mainly as yoghurt and feta cheese most days, red meat and processed meats consumed sparingly with a preference for white meats (chicken) and game meats, free range eggs three to four times per week, fresh and dried herbs and spices, and fresh lemon juice used to flavour salads and cooked meals, water as the main beverage and wine in moderation and always with meals (Bach-Faig et al, 2011). Emerging evidence shows that the traditional Mediterranean diet is protective for multiple chronic diseases due to the reduction of oxidative stress and chronic inflammation attributable to the bioactive phytonutrients with antioxidant and anti-inflammatory potential sourced from this plant-based biodiverse dietary pattern.

Although the majority of published evidence in support of the health benefits of a Mediterranean diet are derived from studies conducted within the Mediterranean region, we

have successfully demonstrated that this dietary pattern is sustainable and effective in non-Mediterranean populations in Australia.

This paper will summarise findings from randomised clinical trials testing effects of a traditional Mediterranean diet in non-Mediterranean populations demonstrating improved metabolic control of type 2 diabetes (Itsiopoulos et al, 2011), reversal of fatty liver in NAFLD (Ryan et al, 2013), improvement in dietary inflammatory index (reduction) and concomitant reduction in IL-6 in patients with MI (Mayr et al, 2018), and remission of depression and anxiety in patients with mild depression (Jacka et al, 2017). We have also shown in a Greek Paediatric population reduction of inflammation in the lung in children with mild asthma (Papamichael et al, 2018).







Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς - Καρδιαγγειακές παθήσεις  
Hellenic Medical Societies (HMS) Forum - Cardiovascular Update

Name	Elias Iliadis
Title	<b>Current management of Pulmonary Embolism: Who and When to Intervene?</b>
Abstract	Pulmonary embolism remains a challenging clinical problem with associated increased morbidity and mortality. Risk stratification and clinical assessment have identified patients who may benefit from advanced therapies. Recent developments in catheter-directed therapies have been utilized in massive and submassive pulmonary embolism with improved in-hospital outcomes. Our single-center experience with both catheter-directed thrombolysis and more recently catheter-directed aspiration thrombectomy will be presented with both procedural, clinical and in-hospital outcomes. Our research adds to the body of evidence supporting risk stratification and case selection for catheter-directed therapies in patients with massive and submassive Pulmonary embolism

Name	Konstantinos Donas
Title	<b>Vascular Surgery-Quo vadis</b>
Abstract	<p>Vascular surgeons provide an important service in a complete health care system. They are capable of treating a wide range of disease processes that affect both the venous and arterial systems. The modern vascular surgeon provides both medical and procedure-based care to patients with vascular disease. Vascular surgeons are well versed in risk factor management as well as in both open and endovascular interventions. They often provide state-of-the-art wound care as well as long-term follow-up of patients with vascular disease. Vascular surgeons provide a unique mix of medical, open surgical, and endovascular skills and fulfill a vital role in the continuum of care of these patients. The current role of the vascular surgeon is complex. Following the recommendation from Prof. Frank Veith in 1996 in the presidential address.</p> <p>Death of a species (specialty) is a consequence of nonadaptation to (changing) circumstances". In this context, it seems that the modern vascular surgery survived because it accepted the new rules implementing the advanced endovascular techniques in the armamentarium of the therapeutic options optimizing their services.</p>



Name	Efthimios Beropoulos
Title	<b>Current management of diabetic foot</b>
Abstract	<p>The global diabetes prevalence in 2019 is estimated to be 9.3% (463 million people), rising to 10.2% (578 million) by 2030 and 10.9% (700 million) by 2045. In the US in 2019, 11.3% of the population, had diabetes and was the seventh leading cause of death in the same year. The lifetime risk of a foot ulcer in patients with diabetes may be as high as 34 %. The annual direct costs due to diabetic foot complications were 17 billions USD in 2013. Diabetic foot ulcers are a major cause of morbidity, accounting for at least two-thirds of all nontraumatic amputations performed in the US. The management of foot ulcers requires local wound care, use of mechanical offloading, treatment of infection and revascularization. A multidisciplinary approach with diabetologist, foot ortopaedic surgeon, vascular surgeon, wound specialist and podologist is necessary. Plenty of treatment options for revascularization are nowadays accessible. Apart from the well-established open surgery, plenty of endovascular treatment methods like atherectomy, intravascular lithotripsy, drug-coated technologies guided through intravascular ultrasound and optical coherence tomography are available. In some cases, limb salvage can be achieved even in the so called no-option patients through deep vein arterialization.</p>

Name	Kyriakos Oikonomou
Title	<b>Acute aortic syndrome</b>
Abstract	<p>The acute aortic syndrome (AAS) is a clinical spectrum of diagnoses including aortic dissection (AAD), intramural hematoma (IMH) and penetrating atherosclerotic ulcer (PAU) at any location along the aorta. Although not so frequent as the acute coronary syndrome, AAS is a devastating life-threatening emergency requiring prompt diagnosis and treatment. Prognosis is most favourable when patients are treated early and mortality follows a linear increase with diagnostic delay, rising up to 2% per hour. A modern therapeutic algorithm includes interdisciplinary treatment in specialized centers providing the full range of conventional and endovascular treatment modalities. Aim of this lecture is to give an overview over current advances in diagnostics and treatment of AAS.</p>



Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς - Γήρανση  
Hellenic Medical Societies (HMS) Forum - Frailty - Aging

Name	Alexandra Touroutoglou
Title	<b>A 25-year-old brain in a 75-year-old body</b>
Abstract	In this talk, I will present work on an interesting phenomenon we have been studying at Harvard Medical School and Massachusetts General Hospital. As we age, there's a certain amount of atrophy happening in our brains. It's not enough to be pathological, but it does affect our abilities. In our study, we found that almost all elderly people we studied showed atrophy in the brain, except for a remarkable group of elderly people who we call SuperAgers. SuperAgers despite their age, continue to have youthful brains and manage to defy the inevitable decline in brainpower. What is a SuperAger and how can someone be one? We are going to review our studies with these remarkable older adults and try to uncover their secrets.

Name	Kyрана Tsapkini
Title	<b>At a loss for words but not for hope</b>
Abstract	For the past 10 years my team and I, at Johns Hopkins University, have been conducting interventional studies using novel neuromodulatory paradigms in individuals with primary progressive aphasia (PPA). In this talk, I will briefly present some facts on PPA and why it is important to study language deficits in neurodegeneration. Then I will present some results from the largest, to-date, randomized, double-blind, sham-controlled clinical trial on a neuromodulatory method, transcranial direct current stimulation (tDCS) in PPA that we have recently conducted. I will show how tDCS affects brain connectivity and who will benefit most from this methodology, i.e., which clinical, cognitive, neural and life-style factors predict treatment effects. Finally, I will conclude that there is hope for a better life even in a neurodegenerative condition.

Name	Athina Angelopoulou
Title	<b>Frailty</b>
Abstract	Frailty is a distinctive health state related to the ageing process in which multiple body systems gradually lose their in-built reserves. It is a geriatric syndrome that predicts poor clinical outcomes, and it is a process related to aging with loss of physiologic reserve and increased vulnerability. Frailty pathophysiology and Frailty phenotype (sarcopenia, osteoporosis, fatigue, risk of falls, poor physical health, social isolation) Rockwood Score tool, Frailty team framework and Comprehensive Geriatric Assessment. Acute frailty syndromes-Frailty Approach and bundle/ falls, immobility, Delirium and dementia, Polypharmacy, incontinence. Shift to prevention and pro-active care with 10 integrated services to provide individual patient-tailored care.



Name	Vasileios-Arsenios Lioutas
Title	<b>Cerebral microinfarcts: Invisible lesions that cause visible damage</b>
Abstract	<p>Cerebral small vessel disease (CSVD) lies at the heart of vascular contributions to dementia. Among markers of CSVD, Cerebral microinfarcts (CMIs) are a novel measure, gaining increasing recognition recently. CMIs are infarcts of minuscule size and are ubiquitous, present in up to 60% in patients in neuropathological studies. Although individual lesions are small, barely visible to the naked eye, the cumulative effect of hundreds or thousands of microinfarcts may result in major structural and functional disruption. Besides the focal effect, there is remote, downstream disruption, affecting a volume 12-fold larger than the core volume of the microinfarct. Additionally, CMIs have a robust modifying effect on the clinical expression of Alzheimer's disease pathology, might play a role in brain amyloid deposition and are associated with cerebral amyloid angiopathy. They have a detrimental effect on cognitive performance in non-demented middle-aged adults and cortical CMIs are independently associated with a clinical diagnosis of dementia. Studying CMIs might provide a key missing link in the pathogenesis of brain aging. Until recently their identification was limited to post-mortem autopsy studies, but recent advancements in brain MRI have made it possible to visualize them during life. Cutting edge artificial intelligence-based image analysis techniques allow exploration of these "invisible" lesions and their role in cognitive aging in large, population-based cohorts with unprecedented speed and accuracy open exciting new avenues in brain aging research.</p>

Name	Angelos Katramados
Title	<b>Update on stroke treatment, stroke centers and stroke systems of care</b>
Abstract	<p>Acute ischemic stroke treatment has been revolutionized with the development of acute stroke unit care, intravenous thrombolysis and endovascular thrombectomy. Previously untreatable, major strokes, that would have resulted in lifelong disability or death, can now be treated effectively with minimal or no residual deficits. Many countries, including Greece, are now developing the infrastructure to roll out these life-saving treatments. In this presentation, the necessary steps will be outlined:</p> <ol style="list-style-type: none"><li>1. Development of acute stroke units with telemetry and continuous vital signs monitoring.</li><li>2. Development of stroke teams to include neurologists, neurosurgeons, neuroendovascular specialists, and Emergency Department physicians.</li><li>3. 24/7 stroke call system with well-defined roles, responsibilities, communication equipment and workflows.</li><li>4. Development and certification of different levels of stroke centers (acute stroke ready, primary stroke centers, thrombectomy-capable stroke centers, comprehensive stroke centers) to provide IV thrombolysis and endovascular thrombectomy in eligible patients.</li></ol>





Abstract	<p>5. Development of stroke systems of care at a local, regional, and national level (with defined EMS triage/transport criteria, interfacility/transfer criteria, data/registry workflows, designation/verification of stroke centers)</p> <p>6. Processes to promote local clinical practice guidelines at a hospital level, continuing medical/nursing education, research, and quality improvement projects.</p> <p>7. Public education efforts.</p>
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**Συμπόσιο: Βιοϊατρική Έρευνα**  
**Workshop on Biomedical Research**

Name	Andreas Varkaris
Title	<b>Translational research hubs for the acceleration of drug development</b>
Abstract	Despite advances in precision oncology, the majority of targeted agents that entered clinical investigation within the last decade failed to improve patient outcomes. We hypothesized that the lack of effectiveness is primarily due to on-target toxicity, signal transduction redundancy, and human disease heterogeneity. To overcome these limitations, we aimed in early integration of clinical, translational and preclinical data within a phase-1 research program through translational research hubs (TRHs). Researchers within the comprehensive cancer center and two university programs contribute to these research hubs based on their interests and expertise. Fresh tumor tissue from patient volunteers is distributed to individual research hub pipelines for the generation of disease models (patient-derived xenografts and cell lines), comprehensive genomic, transcriptomic and proteomic analysis, functional genomic analysis (ex-vivo CRISPR screen), and functional pharmaceutical analysis (ex-vivo drug screen). These studies are accompanied by clinical data (patient response, toxicity, pharmacokinetics, pharmacodynamics) and mechanistic studies in the representative disease models. We believe that the early integration of datasets from human and complex ex-vivo models may prioritize observations of interest, reduce inherent bias and strengthen concluded results to guide the acceleration of cancer research and drug development. Here we present the design and outcome of our TRH that focuses on CDK2 inhibition.

Name	Ioannis Sanidas
Title	<b>Switching dependency opens new therapeutic windows; the example of the CDK inhibitors in breast cancer</b>
Abstract	Genetic lesions affecting the cell cycle are a hallmark of cancer. Thus, the Cyclin-dependent kinases (CDKs) that regulate the cell cycle are long-standing targets for drug development. Since 2014, when the structure of the first CDK4/6 inhibitor was published, CDK4/6 inhibitors have evolved into standard care for patients with metastatic hormone receptor-positive breast cancer. CDK4/6 phosphorylates and inactivates the retinoblastoma tumor suppressor (RB), allowing cells to enter S-phase and start DNA replication. Blocking CDK4/6 kinase activity accumulates cells in G1-phase and impedes cell proliferation. The progression to CDK4/6 inhibition requires the genetic or functional inactivation of RB. The most common mechanism of functional inactivation of RB involves the amplification of CDK2 kinase activity. Specific CDK2 inhibitors are currently in clinical trials for breast cancer patients progressing to CDK4/6 inhibitor treatment.





Abstract	<p>Using breast cancer cell lines and patient-derived models, we showed that CDK2 inhibition doesn't show synergy with CDK4/6 inhibitors on the primary tumors. Instead, CDK2 inhibition efficacy requires tumor progression to CDK4/6 inhibitors.</p> <p>Strikingly, we identified that the CDK2 inhibitors do not target RB phosphorylation in either naïve or resistant to CDK4/6 inhibitors cells. Indeed, the efficacy of the CDK2-targeting drugs is RB independent. Although the inhibition of CDK4/6 arrests cells in G1, blocking CDK2 reduces DNA replication rate, generates under-replicated regions, and induces DNA damage. We propose that after progression to CDK4/6 inhibitors, cancer cells switch CDK-dependency. This generates a new therapeutic window targeting CDK2 in combination with ATR or PARP inhibitors.</p>
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Name	Anastasios Maniakas
Title	<b>Developing the infrastructure for evaluation of novel anaplastic thyroid cancer therapeutics</b>
Abstract	<p>Learning objectives</p> <ol style="list-style-type: none"><li>1-Brief update on ATC epidemiology</li><li>2-ATC PDX model development</li><li>3-High-throughput screening and testing of novel therapeutics</li><li>4-Use of metabolic guidance for therapy in thyroid cancer</li><li>5-Latest outcomes from our institutional effort in improving ATC survival</li></ol>

Name	Maria Stamou
Title	<b>A Translational Roadmap for Decoding the Non-coding Genomic Regions in Human Mendelian Diseases: the Discovery of a lncRNA in a Case of Isolated GnRH Deficiency</b>
Abstract	<p>Despite progress in current screening strategies the genetic background of rare Mendelian diseases in ~50% of the cases remains unknown. A portion of this missing heritability may lie in novel genes not easily tractable by current screening tools [i.e. targeted &amp; exome sequencing], such as variants in the non-coding genomic regions. Here, we describe a case of a patient with Isolated GnRH Deficiency (IGD), a rare Mendelian disease of infertility. While the subject harbored an apparently "balanced" chromosomal translocation, 46XYt(7;12)(q22;q24), by performing long inset whole genome sequencing, we discovered a novel disruption of a long non-coding RNA (lncRNA), RMST. The patient's pluripotent stem cells that carried the loss of function translocation demonstrated abrogated neural crest cell morphological development and abnormal expression of several "downstream" genes essential for IGD biology (SOX2, CHD7, and MKRN3). Additionally, targeted sequencing of RMST in a large IHH cohort (N=622) revealed 25 subjects carrying rare RMST variants and an intronic single nucleotide polymorphism in RMST was significantly implicated in a genome-wide association study associated with age of menarche, providing strong human evidence for the novel gene's role in pubertal timing.</p>



Abstract	In summary, in this study by analyzing a unique clinical case and applying next generation sequencing we uncovered the first lncRNA implicated in IGD, suggesting that non-coding variants can contribute to the IGD missing heritability. Understanding the genetic background Mendelian disorders can advance our knowledge on disease pathomechanisms and help develop novel diagnostic and therapeutic tools for rare and common heritable diseases.
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Name	Vasso Apostolopoulos
Title	<b>From bench to bedside: What have we learnt in the last 25 years</b>
Abstract	The basis of T cell stimulation is via the specific interaction of an immunogenic peptide in complex with MHC by a T cell receptor. Other co-stimulatory molecules such as CD80, CD86 on antigen presenting cells, are recognised by T cells via CD28 and CTLA-4 which results in T cell activation. In recent years the identification of checkpoint markers such as PD-L1, PD-L2 on antigen presenting cells, epithelial cells etc and their interaction with PD-1 on activated T cells results in apoptosis of T cells and immune escape mechanisms, in the case of cancer. The role of checkpoint markers in a range of disorders including autoimmune disorders, inflammatory disorders and cancer are being studied with a plethora of information being published in the last 5 years. In addition, peptide alterations of T cell epitopes with 1-2 amino acid mutations can have drastic effects on the outcome of this recognition. Such peptides are termed, altered peptide ligands that can act as modulators of immune responses as they have the ability to downregulate or upregulate responses. Over the last 25 years, there has also been an emphasis on carriers, adjuvants and delivery systems to modulate immunity in vitro, in vivo in animal models of disease and in human clinical trials. With this information we are well placed to develop novel immune modulators / therapeutics / vaccines for diseases and we have been successful in developing novel immune modulators for cancer, autoimmune disorders and infectious diseases, all of which will be discussed in the presentation.

Name	Nicholas Theodore
Title	<b>Engineering the Future of Spinal Surgery</b>
Abstract	The field of spinal surgery has evolved slowly over the past century with very little innovation in techniques. Over the past several years, however, there has been an explosion in new technology which promises to redefine the specialty. One area that has revolutionized this field is the adoption of image-guidance and robotics. Utilizing these advanced machines has helped collapse the time needed to perform spinal procedures, decreased the disruption of healthy tissue, and improved patient outcomes. Other advances include the development of devices to aid in the treatment of spinal cord injury which will allow surgeons to measure blood flow at the site of spinal cord injury so that treatments can be targeted to a patient's condition in real time. Finally, the use of scaffolds and stem cells may allow repair of the spinal cord following injury.











