

AMF



SCHOOL OF MEDICINE



ARISTOTLE UNIVERSITY
OF THESSALONIKI



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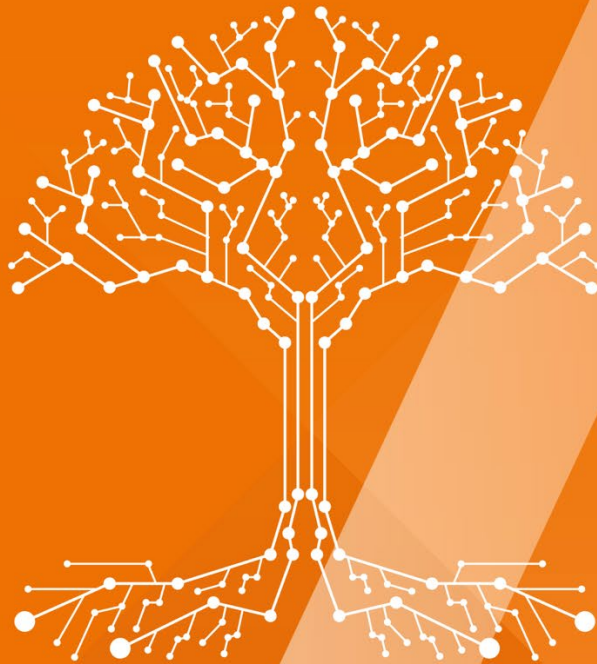


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OF MEDICAL EDUCATION

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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

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Professor of Cardiac Surgery

Πρόεδρος Τμήματος Ιατρικής ΑΠΘ

Head, School of Medicine, Aristotle University of Thessaloniki

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Professor of Surgery - Transplantation

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Associate Professor of Cardiac Surgery





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School of Medicine, University of Leeds, United Kingdom

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Nikos Stergiopoulos

Professor of Cardiovascular Technology
EPFL Medical School, Switzerland





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Apostolos Tassiopoulos

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Styliani-Anna Tsirka

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





Hellenic Medical Societies

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Surgeon, Hellenic Medical Society North Rhine – Westphalia, Germany

Σπύρος Μεζίτης / Spyros Mezitis

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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

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

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

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Surgeon, President, Hellenic Medical Society of New York

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Θεσσαλονίκης
Associate Director, Department of Greek Education Database Administrator, Department of
Information Technology





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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 Voultzos
Αναπληρωτής Καθηγητής Τμήματος Ιατρικής ΑΠΘ
Associate Professor, School of Medicine Aristotle University of Thessaloniki

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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

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Secretary General for Greeks Abroad and Public Diplomacy

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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







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**

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

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

Ιωάννης Χρυσουλάκης / Ioannis Chrysoulakis
Γενικός Γραμματέας Απόδημοι Έλληνισμοί και Δημόσιας Διπλωματίας
Secretary General for Greeks Abroad and Public Diplomacy

Απόστολος Τζιτζικώστας / Apostolos Tzitzikostas
Περιφερειάρχης Κεντρικής Μακεδονίας
Governor of Central Macedonia

Σταύρος Καλαφάτης / Stavros Kalafatis
Υφυπουργός Εσωτερικών Μακεδονίας Θράκης
Deputy Minister of Interior, Macedonia, and Thrace





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 Παρουσίαση Προγραμμάτων ΙΚΥ /

Ομιλητές / Speakers:

Προγράμματα Υποτροφιών από το Ίδρυμα Κρατικών Υποτροφιών

Ειρήνη Ντρούτσα / Eirini Ntroutsas

Αν. Προϊσταμένη Διεύθυνσης Υποτροφιών / Director of Scholarships' Department

ERASMUS+ 2021-2027- Νέες προοπτικές κινητικότητας και συνεργασίας

Μαρία Κατέχη / Maria Katechi

Βασιλική Γιαννούλη / Vaso Giannouli

Τμήμα Προγραμμάτων Ευρωπαϊκής Ένωσης της Διεύθυνσης Ειδικών Προγραμμάτων Διεθνών Υποτροφιών

Υποτροφίες Κληροδοτημάτων ΙΚΥ

Λεωνίδας Παπαστεργίου / Leonidas Papastergiou

Αν. Προϊστάμενος Διεύθυνση Διοίκησης & Οικονομικής Διαχείρισης

14:30 - 16:30 Διάλειμμα / Break

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





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Ομιλητές / Speakers

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

Αναστάσιος Μαρκουϊζος - 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

**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

Ομιλητές / Speakers:

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





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

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





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**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

Geriatrician, 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

Ομιλητές / Speakers:

Myths and Misconceptions about sunscreen and sun safety

Φαουζία 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

Why is the Cervical Squamocolumnar junction important to the OB/GYN?

Lorraine Chrisomalis-Valasiadis

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





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14:30 - 15:00 **Διάλειμμα / Break**

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

Συντονιστής / Moderator:

Elias L. Warrak

Professor of Ophthalmology, President of the University of Balamand, Tripoli, Lebanon

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, Neurology and Psychiatry, Johns Hopkins University, USA

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

Constantine Frangakis

Professor, Department of Biostatistics, Johns Hopkins University, USA





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

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

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

Έφη 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





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

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






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

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 of Interventional Radiology, Memorial Sloan Kettering

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





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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

Ανθρωπιστικά 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

14:30 - 15:00 **Διάλειμμα / Break**





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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 Meztitis

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)





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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





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15:00 - 17:00 General Electric 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 Σωλλόγων Ελλήνων Ιατρών της Διασποράς - Εξελιξεις στην Ογκολογία
Hellenic Medical Societies (HMS) Forum - Oncology Update**

Moderator:

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

Speakers:

Current Surgical Strategies in Retroperitoneal Sarcoma
Dimitri Tzanis
Surgeon - Oncologist, Institut Curie, Paris, France

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 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

**10:30 - 11:20 Συνεδρία Σωλλόγων 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





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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

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





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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

Alexandra Soldatou 

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

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

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





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

**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
Professor of Rheumatology, University of Bochum, Germany

Speakers:

Xenofon Baraliakos
Professor of Rheumatology, University of Bochum, Germany

The state of the art in spinal fusion
Konstantinos Margetis





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

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 21st 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

Director, Aix-Marseille University, EBRAINS - Human Brain Project

Constantinos Daskalakis

Professor of Electrical Engineering and Computer Science

Patricia L. Turner 

Executive Director, American College of Surgeons





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

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 **ΦΟΥΑΓΙΕ / FOYER**

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

Παναγιώτης Αντωνίου / Panagiotis Antoniou

PhD Medical Physics, Postdoctoral Research Associate, Dpt. of Medicine, 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 παίζουν 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^ο 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)

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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**ABSTRACTS**

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

Name	Prof. Vassilios Papalois
Title	Machine perfusion: a revolution in organ assessment and re-conditioning prior to transplantation
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	Technology tools for preventing and detecting surgical never events
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.



Name	Prof. Denis Hadjiliadis
Title	How can Palliative Care Support Patients with Chronic Illness?
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	Internet Gaming Disorder: Risk and Protective Factors
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>







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">• Discuss the prevalence of the most common comorbidities in children and adults with ADHD and how it varies with age.• Identify the symptoms that overlap between ADHD and comorbid conditions and discuss the differential diagnosis and diagnostic tools.• Discuss treatment recommendations for ADHD patients with the most common comorbidities

Name	Magdalena Simonis
Title	Women's Distress during the Pandemic
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	End of Life
Abstract	<p>Objectives</p> <ol style="list-style-type: none">1. The role of the emotional Defense Mechanism of Denial at the End of Life phase2. The adverse impact of the universal human fear of death on the mourning process3. The value of ACCEPTANCE of DEATH as part of LIFE4. 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"..



Name	George Paxinos
Title	Why Psychology Lost Its Soul
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 <i>A River Divided</i>, 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	Health Equity in the time of COVID
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	Myths and Misconceptions about sunscreen and sun safety
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	Skin manifestations of systemic disorders
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	Next Generation Phlebology
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?



Name	Spyros Mezitis
Title	Outpatient Management of Diabetes Type 2
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, www.DrMezitis.com President, Federation of Hellenic Medical Societies of North America, Inc., www.hellenicfedmed.org</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, Diabetes Care 1992 Feb; 15(2): 265-269. https://doi.org/10.2337/diacare.15.2.265 Mezitis S.G., Mezitis N.H. (2015) Glycemic Goals. In: Poretzky L.(eds) Principles of Diabetes Mellitus. Springer, Cham</p>





Name	Stefanos Kales
Title	From Harvard to Crete: The Hellenic Center for Excellence in Health & Wellness
Abstract	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 & translation of Healthy Traditional Greek Principles to the greater public, including the creation of the Hellenic Center for Excellence in Health & Wellness as a non-profit in USA, which operates educational programs in Crete.





Name	Demetrios Markouizos
Title	Epigenetics and Childhood Obesity
Abstract	<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. 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.</p> <p>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.</p> <p>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</p>



derived from apples, soy genistein, tocopherols, tea polyphenols, and diallyl disulfide in garlic. The field of epigenetics is still in its early stages.

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

Abstract	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.
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Name	Mariette Varvarikos
Title	The Latest ILCOR/ERC Guidelines-A Novel way to teach vital skills to our hospital CPR providers
Abstract	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.





Συνεδρία Συλλόγων Ελλήνων Ιατρών της Διασποράς – Καρδιαγγειακές παθήσεις

Hellenic Medical Societies (HMS) Forum – Cardiovascular Update

Name	Elias Iliadis
Title	Current management of Pulmonary Embolism: Who and When to Intervene?
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	Efthimios Beropoulos
Title	Current management of diabetic foot
Abstract	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 orthopaedic 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.



Name	Kyriakos Oikonomou
Title	Acute aortic syndrome
Abstract	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.



Συνεδρία Σολλόγων Ελλήνων Ιατρών της Διασποράς - Γήρανση

Hellenic Medical Societies (HMS) Forum - Frailty - Aging

Name	Alexandra Touroutoglou
Title	A 25-year-old brain in a 75-year-old body
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	At a loss for words but not for hope
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	Frailty
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	Cerebral microinfarcts: Invisible lesions that cause visible damage
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	Update on stroke treatment, stroke centers and stroke systems of care
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">1. Development of acute stroke units with telemetry and continuous vital signs monitoring.2. Development of stroke teams to include neurologists, neurosurgeons, neuroendovascular specialists, and Emergency Department physicians.3. 24/7 stroke call system with well-defined roles, responsibilities, communication equipment and workflows.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.





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)

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Abstract	6. Processes to promote local clinical practice guidelines at a hospital level, continuing medical/nursing education, research, and quality improvement projects. 7. Public education efforts.
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Συμπόσιο: Βιοϊατρική Έρευνα
Workshop on Biomedical Research

Name	Andreas Varkaris
Title	Translational research hubs for the acceleration of drug development
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	Switching dependency opens new therapeutic windows; the example of the CDK inhibitors in breast cancer
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. 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.

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Abstract	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.
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Name	Anastasios Maniakas
Title	Developing the infrastructure for evaluation of novel anaplastic thyroid cancer therapeutics
Abstract	Learning objectives 1-Brief update on ATC epidemiology 2-ATC PDX model development 3-High-throughput screening and testing of novel therapeutics 4-Use of metabolic guidance for therapy in thyroid cancer 5-Latest outcomes from our institutional effort in improving ATC survival

Name	Maria Stamou
Title	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
Abstract	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 & 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. 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





Name	Vasso Apostolopoulos
Title	From bench to bedside: What have we learnt in the last 25 years
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	Engineering the Future of Spinal Surgery
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.

