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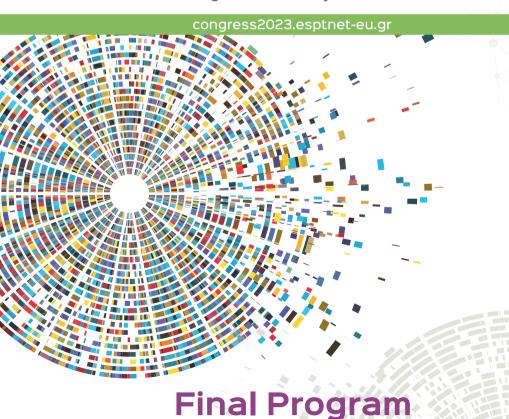
School of Health Sciences | Department of Pharmacy

4<sup>th</sup> International Congress on Pharmacogenomics and Personalized Diagnosis and Therapy

# Precision Medicine in Disease Diagnosis and Therapy 2023

Athens | December 1-2-3 2023

ΦM 2 Auditorium
Department of Pharmacy
Zografou University Cambus



# Precision Medicine in Disease Diagnosis and Therapy 2023

#### Athens I December 1-2-3 2023

Department of Pharmacy Zografou University Cambus

#### **ORGANIZING COMMITTEE**

Dr. Nikolaos Drakoulis

Dr. Alexandros Haliassos

Dr. Nikolaos Dermetzis

Dr. Christos Papanikolaou

Dr. Dimitrios Panidis

Dr. Maria Papasavva

Katerina Kalliantasi

**Emmanouil Vourakis** 

Dr. Martha Spyridoula Katsarou

Annia Tsolakou

#### **SCIENTIFIC COMMITTEE**

Dr. Jane Anastassopoulou

Dr. Evgenia Bezirtzoglou

Dr. Efthimios Dardiotis

Dr. Konstantinos Dimitropoulos

Dr. Alexandros Haliassos

Dr. Paraskevi Katsaounou

Dr. Stergios Moschos

Dr. Maria Papasavva

Dr. Michail Rallis

Dr. Sofia Siest

Dr. Mara Simopoulou

Dr. Aristides Tsatsakis

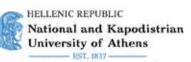
Dr. Dimitris Tsoukalas

Dr. Panayiotis Vakas

Dr. Nikolaos Vlahos

Maria Pagoni

#### UNDER THE AUSPICES OF:



School of Health Sciences | Department of Pharmacy



#### **GENERAL INFORMATION**

Organizer: HELLENIC SOCIETY OF PHARMACOGENOMICS AND

PERSONALIZED DIAGNOSIS AND THERAPY

56 Sinopis Str, 11527 Athens

Tel: +30 210 7274149 Fax: +30 210 7274512 email: info@esptnet-eu.gr

Congress Dates: The Congress will be held on December 1-2-3, 2023

Congress Venue: National and Kapodistrian University of Athens, Zographou

University Campus, Zographou GR 15771 Athens

Main Congress Hall: ΦM2 Auditorium of the Department of Pharmacy of the National and

Kapodistrian University of Athens.

Language: The official languages are Greek and English. No simultaneous

translation service will be provided.

Congress Website: <a href="https://congress2023.esptnet-eu.gr/">https://congress2023.esptnet-eu.gr/</a>

Badges: All delegates will receive their name badges from the Registration

Desk and are strongly recommended to wear them during all

conference days and hours. Participants must show their name badge at the entrance of each meeting session they will attend. Sponsor representatives and exhibitors will not receive name badges, rather a

general one with sponsor's and/or exhibitor's company name.

Certificates Certificates of attendance will be available from December 3, 2023

of Attendance: through the app.

Registration Desk/ Conference's Secretariat will be located in foyer of ΦM2 Auditorium.

Secretariat: Secretariat's hours of service are in accordance with the final scientific

program.

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#### GENERAL INFORMATION

Mobile Telephones: As a courtesy to speakers and other participants, all mobile phones

and/or other electronic equipment must be set at silent mode while

attending sessions.

Lost and Found: Lost and found items can be submitted and collected at the

Registration Desk located at foyer of  $\Phi$ M2 Auditorium. If found or lost documents, personal belongings e.t.c. within the auditorium area during conference's days please seek information at the Registration

Desk.

Social Media: Congress's chairman encourages all participants to make use of social

media platforms during the congress. We strongly believe that via social media sharing we highlight, promote, review and summarize the

most important points that matter.

Those Participants that will make use of social media such as X, Facebook, LinkedIn. Instagram should keep in mind that hash tags are

#EEPHARMCONGRESS2023 #PHARMACOGENOMICS2023

Smoking Policy: Smoking is not permitted inside amphitheater, amphitheater's foyer,

outside the meeting halls and/or in the exhibition area. Smoking is permitted only outside the building. Smokers are strongly

recommended to use the ashtrays instead of dropping cigarettes on

the ground.

Professional Conference Alpha Public Relations & Integrated Marketing SA

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#### Precision Medicine in Disease Diagnosis and Therapy 2023

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Department of Pharmacy Zografou University Cambus

#### SCIENTIFIC PROGRAM

Friday December 01, 2023

10:00 - 12:00	PRECISION MEDICINE IN SPORTS	
	Chair: <b>Dr. Aristides Tsatsakis, Dr. Dimitris Tsouk</b>	alas
10:00 - 10:05	The International Olympic Academy and its contribution to the dissemination of the timeless values of sport	Spyridon Zannias
10:05 - 10:20	The importance of telomeres and telomerase enzyme activity in athletes	Dr. Aristides Tsatsakis
10:20 - 10:35	Metabolomics, mitochondria and cellular energy: The role of diet and exercise	Dr. Dimitris Tsoukalas
10:35 - 10:50	Biochemical testing: Assessing physiological responses for athletes	Dr. Ioannis Gratsias
10:50 - 11:05	Modern personalised nutrition programmes tailored to athletes	Evangelos Zoumpaneas
11:05 - 11:20	Athlegenetics: Athletic characteristics and musculoskeletal diseases	Eleni Ntoumou
11:20 - 11:35	Exploiting interrelated genomic, biochemical, nutritional and pathophysiological data to optimise athletic performance	Marios Spanakis
11:35 - 11:50	Personalized training guidance based on DNA	Dr. Thanos Badekas
11:50 - 12:00	Break	
12:00 - 15:50	OPENING CEREMONY	
12:00 - 12:05	Welcome	Dr. Nikolaos Drakoulis
12:05 - 12:15	Welcome	Dr. Efstathios Efstathopoulos
12:15 -12:25	Welcome	Dr. Emmanouil Pikoulis

## Friday December 01, 2023

12:25 - 12:35	Welcome Dr. Christos Repp		
12:35 - 12:45	Welcome	Dr. Evangelos Manolopoulos	
12:45 - 13:15	15 Targeted and sustainable health care: Opportunities and challenges for patients and health systems Dr. Asimina Ga		
13:15 - 13:45	The Cancer Story and Publishing in Biomedical Sciences	Dr. Demetrios Spandidos	
13:45 - 14:05	Break		
14:05- 14:35	Genomic Variability in Health and Disease	Dr. Stylianos Antonarakis	
14:35 - 14:55	Complex nanomedicines and nanovaccines. Art and beauty at nanoscale	Dr. Costas Demetzos	
14:55 - 15:40	Genetics, Epigenetics and Culture - A virtuous circle	Dr. George Chrousos	
15:40 - 15:50	50 Break		
15:50 - 19:00	PRECISION MEDICINE IN NEUROLOGY		
	Chair: Dr. Efthimios Dardiotis, Dr. Maria Papasav	/va	
15:50 - 16:20	Biomarkers for Alzheimer's disease- clinical needs and applications	Dr. Efthimios Dardiotis	
16:20 - 16:40	The role of miRNAs in signaling and use as biomarkers in Myotonic Dystrophy type I	Dr. Leonidas Phylactou	
16:40 - 17:00 Applications of transcranial magnetic stimular in neurology		Dr. Vasilis Siokas	

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#### SCIENTIFIC PROGRAM

#### Friday December 01, 2023

17:00 - 17:15	Monoclonal antibodies in the therapeutics of migraine	Dr. Michalis Vikelis	
17:15 - 17:25	Break		
17:25 - 17:45	VEGF-A-related genetic variants protect against Alzheimer's disease	Dr. Alexandros Petrelis	
17:45 -18:00	Association of Genetic Variations in Antioxidant Factors with the Predisposition for the Development of Migraine and Different Clinical Phenotypes	Dr. Maria Papasavva	
18:00 - 18:20	Pharmacogenetically guided treatment in Major Depressive Disorder	Dr. Nikos Panagiotou	
18:20 - 18:30	Frequency distribution of rs1801133 and rs1801131 polymorphisms of the MTHFR gene in patients with epilepsy	Katerina Kalliantasi	
18:30 - 18:40	Effect of polymorphisms in the vitamin D receptor gene (VDR) on the development of Alzheimer's disease in Greece	Dr. Timos Dimitrakis	
18:40 - 18:50	Genetic polymorphisms in COMT, BDNF KAI ANKK1 genes in the treatment of patients with lithium-containing preparations	Antria Michael	
18:50 - 19:00	Study of Single Nucleotide Polymorphisms in patients with Multiple Sclerosis	Stavrianna Pariou	

## Saturday December 02, 2023

09:00-15:00	PRECISION MEDICINE IN THE TREATMENT OF INFECTION		
	Chair: Dr. Paraskevi Katsaounou, Dr. Stergios Moschos		
09:00 - 09:30	Gasses, Volatiles, Cytokines, Mutations: Personalising Lung Medicine through Breath Diagnostics	Dr. Stergios Moschos	
09:30 - 10:00	Addressing RSV infection	Dr. Paraskevi Katsaounou	
10:00-10:20	Precision Medicine in Infections: From Theory to Practice	Dr. Evangelos Giamarellos-Bourboulis	
10:20 - 10:30	Break		
10:30 - 10:50	Precision Medicine for the treatment of multi- drug resistant pathogen infections	Dr. Nikolaos Sipsas	
10:50 - 11:05	Association between consumption of antibiotics, infection control interventions and Clostridioides difficile infections: Analysis of six-year timeseries data in a tertiary-care hospital in Greece	Dr. Amalia Papanikolopoulou	
11:05 - 11:25	Precision Medicine in Invasive Fungal Infections	Dr. Elisavet Stavropoulou	
11:25 - 11:35	Genetic Background Influence on Covid-19 Disease	Maria Zacharioudaki / Ioannis Axiotis - Zacharias	
11:35 - 11:50	Serum Proteome Signatures of Anti-SARS-CoV-2 Vaccinated Healthcare Workers in Greece	Alexandra Ainatzoglou	
11:50 - 12:00	Break		
12:00 - 12:20	Individual Genetic Background for Increased Predisposition to Viral Infection and/or Infection		

(SARS-Cov-2) and Individualized Therapeutic

Approach

Avgi Christodoulou

# Precision Medicine in Disease Diagnosis and Therapy 2023

Diabetic Foot Ulcers

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#### SCIENTIFIC PROGRAM

#### Saturday December 02, 2023

12:20 - 12:35	Association of thrombosis gene polymorphisms with COVID-19 patient mortality	Iliana Katsiadrami		
12:35 - 12:50	2:50 Genetic approach to patients with Long COVID Syndrome Dr. Martha			
12:50 - 13:10	Post-COVID syndrome in children Dr. Elena Maltezo			
13:10 - 13:20	Break			
13:20 - 13:40	Searching infections by emerging pathogens in Greece	Dr. Emmanouil Angelakis		
13:40 - 14:00	Unlocking RNA viruses secret targets	Dr. Urania Georgopoulou		
14:00 - 14:45	"A Promising Novel Formulation Against RNA Viral Infections - First Global Announcement"	Dr. Nikolaos Tsirikos- Karapanos		
14:45 - 15:00	Break			
15:00 - 17:35	PRECISION MEDICINE IN DERMATOLOGY - DEF	RMOPHARMACOLOGY		
	Chair: Dr. Evgenia Bezirtzoglou, Dr. Michail Rall	is		
15:00 - 15:30	Developments in the management of diabetic foot ulcers	Dr. Nikolaos Tentolouris		
15:30 - 15:50	Non-melanoma skin cancer: Preclinical and clinical therapeutic data	Dr. Michail Rallis		
15:50 - 16:10	Extemporaneous preparations as a valuable tool for precision medicine	Dr. Andreas Vitsos		
16:10 - 16:20	VEGF gene Polymorphisms Association with			

Marilena Andreopoulou

# Saturday December 02, 2023

16:20 - 16:30	The influence of cytokine genetic diversity on the pathogenesis of psoriasis.	loanna Chatzianastasiadou
16:30 - 16:40	Break	
16:40 - 16:50	Study of metabolic pathways for biomarker detection in psoriasis	Evangelia Sarandi
16:50 - 17:05	The role of fillaggrin in the Etiopathogenesis of Atopic Dermatitis	Evangelia Nakou
17:05 - 17:15	Impact of MC4R, DRD2 and DRD3 gene polymorphisms in genetic susceptibility to vitiligo in a Caucasian population of Southeastern Europe	Anna-Maria Lygerou
17:15 - 17:25	Genetic polymorphisms in transdermal pharmacotherapy	Konstantinos Gogas
17:25 - 17:35	The effect of COL1A1, MMP1 and VDR genes on skin aging	Angeliki Asimakopoulou

### Precision Medicine in Disease Diagnosis and Therapy 2023

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#### SCIENTIFIC PROGRAM

Sunday December 03, 2023

10:00 - 11:30	PRECISION MEDICINE IN GYNAECOLOGY	
	Chair: Dr. Nikolaos Bathrellos, Dr. Mara Simopoulou	
10:00 - 10:15	Personalized treatment approach to gynecological cancer: New data	Dr. Michael Liontos
10:15 - 10:30	IVF overuse and Fertility Awarenes Dr. Konstantinos	
10:30 - 10:45	Ovarian stimulation strategies based on personalized diagnosis and pharmacogenomics Dr. Ippokratis Sa	
10:45 - 11:00	Endomitritis and infertility: Novel approaches	Dr. Konstantinos Sfakianoudis
11:00 - 11:15	Association of circulating peptides Amyloid Precursor Protein (APP), their isoforms sAPP $\alpha$ and sAPP $\beta$ and heat shock protein HSP-60 with	
	cardiovascular markers in postmenopausal	Dr. Anastasia Soureti
11:15 - 11:30	women	Dr. Anastasia Soureti
11:15 - 11:30	· · · · · · · · · · · · · · · · · · ·	Dr. Anastasia Soureti
11:15 - 11:30 11:30 - 12:45	women	
	women  Break	
11:30 - 12:45	women  Break  Chair: Dr. Konstantinos Dimitropoulos, Dr. Pana	yiotis Vakas
<b>11:30 - 12:45</b> 11:30 - 11:45	women  Break  Chair: Dr. Konstantinos Dimitropoulos, Dr. Pana  Artificial intelligence in fertility treatment  Precision medicine: principles and applications	Dr. Sofia Kalantaridou  Dr. Constantine

# Sunday December 03, 2023

12:30 - 12:45 VEGF-A gene polymorphisms in a female, general population of Southeastern European Caucasian origin and their association with miscarriages

Kiriaki Bougia/ Marianna Bokou

12:45 - 15:00	PRECISION MEDICINE IN CARDIOVASCULAR DISEASE		
	Chair: Dr. Jane Anastassopoulou, Dr. Sofia Siest		
12:45 - 13:00	"From Cardiovascular Translational Surgical Research to Precision Clinical Practice - A Quantitative Coronary Flow	Dr. Nikolaos Tsirikos-	
12.00 12.15	Analysis Model"	Karapanos	
13:00 - 13:15	FTIR spectroscopy and mathematical simulation of the increased risk of Covid-19 infection in cardiovascular diabetic patients.	Dr. Jane Anastassopoulou	
13:15 - 13:30	"VEGF-A a potential biomarker for personalised medicine in cardiovascular diseases" Dr. Sofia Sies		
13:30 - 13:40	Break		
<b>13:30 - 13:40</b> 13:40 - 13:55	Break  Adjusted Polygenic Risk Score and its role in common cardiovascular diseases	Efi Salata	
.0.00	Adjusted Polygenic Risk Score and its role in	Efi Salata Stella Ravani	
13:40 - 13:55	Adjusted Polygenic Risk Score and its role in common cardiovascular diseases		

# Precision Medicine in Disease Diagnosis and Therapy 2023

14:30 - 14:40 Efficacy evaluation of Citrus aurantium, Cistus

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#### SCIENTIFIC PROGRAM

Sunday December 03, 2023

	creticus and Olea europaea leaves extract combination on the lipid profile of individuals with marginally elevated lipid levels	Natalia Papakonstantinou
14:40 - 14:50	Influence of Genetic Variations in LDL, HDL and Triglycerides blood levels, in the development of Cardiovascular Diseases	Annia Tsolakou
14:50 - 15:00	Break	
15:00 - 17:30	PHARMACOGENETICS, PHARMACOGENOMICS NEW TECHNOLOGIES IN PRECISION MEDICINE	AND
	Chair: <b>Dr. Alexandros Haliassos, Maria Pagoni</b>	
15:00 - 15:20	Targeting molecular therapies to lung epithelial cytosols: targeted microbial exosome biotherapeutics	Dr. Stergios Moschos
15:20 - 15:35	Precision Nutrition Using -Omics Approaches	Dr. Thanasis Anagnostopoulos
15:35 - 15:55	Gait Analysis, Metabolic Parameters and Adherence to the Mediterranean Diet in Patients with Type 2 Diabetes Mellitus Compared with Healthy Controls: A Pilot Study	Dr. Alexandros Petrelis
15:55 - 16:10	Artificial Intelligence and External Quality Assurance	Dr. Alexandros Haliassos
16:10 - 16:20	Al-based sparse biological data dimensionality reduction: Applications in single cell RNA-seq data	Vasilis Zogopoulos
16:20 - 16:30	Break	

# Sunday December 03, 2023

16:30 - 16:45	Digital imaging analysis: An innovative and non-invasive approach for studying the skin irradiation effects	Dr. Jane Anastassopoulou
16:45 - 17:00	New technologies in the management of childhood obesity	Dr. Evangelia Charmandari
17:00 - 17:10	Association of Polymorphisms in the CYP2C9, CYP1A2 and ESR1 Genes with Efficacy in Leflunomide Therapy (ARAVA)	Dorothea Ntikou
17:10 - 17:20	Genetic association of CYP3A polymorphisms and prostate cancer risk	Maria Pagoni
17:20 - 17:30	Confirmation of Authenticity of Medicines in the Legal Distribution Chain	Dr. Artouros Isseyegh

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#### **SPEAKERS**

Alexandra Ainatzoglou MD, PhD, The Biomedical Research Foundation (BRFAA), Academy of Athens

Dr. Thanasis PhD, Head of Biotechnology, BRFAA

Dr. Jane Anastassopoulou

Anagnostopoulos

PhD, Professor, National Technical University of Athens, Radiation Chemistry & Biospectroscopy, National Technical University of Athens, Greece

Marilena Andreopoulou Pharmacist, Department of Pharmaceutical Technology,
Pharmacogenomics Research Group, National and Kapodistrian University
of Athens

Dr. Emmanouil Angelakis

MD, PhD, Research Director, Head of Diagnostic Department, Head of the Hellenic National Reference Laboratories: Influenza Southern Greece, Poliovirus/Enterovirus, Measles/ Rubella, Hellenic Pasteur Institute, Athens, Greece

Dr. Stylianos Antonarakis MD, PhD, Prof. Emeritus, University of Geneva Medical School, former and founding Chairman, Department of Genetic Medicine and Development. University of Geneva Medical School, former and founding Director, iGE3 Institute of Genetics and Genomics of Geneva, President of HUGO 2013-2017 (Human Genome Organization), Member, Swiss Academy for Medical Sciences

Angeliki Asimakopoulou

Pharmacist, Department of Pharmaceutical Technology, Pharmacogenomics Research Group, National and Kapodistrian University of Athens

Ioannis Axiotis -Zacharias Pharmacists, Department of Pharmacy, School of Health Sciences, National and Kapodistrian University of Athens

Dr. Thanos Badekas

MD, PhD, Director 3rd Orthopedic Clinic Henry Dunant Hospital, Ortho Rehab Center

Dr. Nikolaos Bathrellos

MD, PhD, Obstetrician - Gynecologist, University of Athens, Specialized in IVF and Laparoscopic Surgery

Dr. Evgenia Bezirtzoglou

MD, PhD, Professor in Microbiology & Microbial Ecology, Democritus University of Thrace

Marianna Bokou

Pharmacists, Department of Pharmacy, School of Health Sciences, National and Kapodistrian University of Athens

Kiriaki Bougia

Pharmacists, Department of Pharmacy, School of Health Sciences, National and Kapodistrian University of Athens

Dr. Evangelia Charmandari MD, PhD, Professor, Division of Endocrinology and Metabolism, First Department of Paediatrics, National and Kapodistrian University of Athens



Pharmacist, Department of Pharmaceutical Technology, Pharmacogenomics Ioanna Research Group, National and Kapodistrian University of Athens Chatzianastasiadou Avai Christodoulou Nurse, Department of Pharmacy, School of Health Sciences, National and Kapodistrian University of Athens MD, PhD, Prof. Emeritus, School of Medicine, National and Kapodistrian Dr. George Chrousos University of Athens Dr Efthimios Dardiotis MD, PhD, Professor, Neurology, Department Neurology & Sensory, School of Health Sciences. University of Thessalv Dr. Costas Demetzos PhD, "Professor in Pharmaceutical Nanotechnology, National and Kapodistrian University of Athens Academician, European Academy of Sciences and Arts" Dr. Timos Dimitrakis PhD, Clinical Pharmacology & Pharmacogenomics Research Group MD, PhD, Obstetrician - Gynaecologic Surgeon, specializing in IVF & Dr. Konstantinos Endoscopic Surgery, Athens Dimitropoulos MD, PhD, Professor of Clinical Pharmacology, Research group, of Health Dr. Nikolaos Drakoulis Sciences, Faculty of Pharmacy **Efstathios** Vice-Rector for Administrative Affairs and Student Welfare, National and Kapodistrian University of Athens **Efstathopoulos** Dr. Asimina Gaga MD, PhD, Former Deputy Minister of Health PhD, Research Director, Molecular Virology Laboratory, Hellenic Pasteur Dr. Urania Georgopoulou Institute. Athens. Greece MD, PhD, Professor, Internal Medicine and Infectious Diseases, Medical Dr. Evangelos School, National and Kapodistrian University of Athens Giamarellos-Bourboulis MsC, Pharmacist, Department of Pharmaceutical Technology, Konstantinos Gogas Pharmacogenomics Research Group, National and Kapodistrian University of Athens PhD, Director, CHECK UP MEDICUS, Athens, Greece Dr. Ioannis Gratsias Thomi Gravani Clinical Pharmacology and Pharmacogenomics Research Group,

Dr. Alexandros Haliassos

MD, PhD, Clinical Pharmacology and Pharmacogenomics Research Group,
Department of Pharmacology, National and Kapodistrian University of
Athens

Athens

Department of Pharmacology, National and Kapodistrian University of

# Precision Medicine in Disease Diagnosis and Therapy 2023

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#### SPEAKERS

Christina Ioannou	Clinical Pharmacology and Pharmacogenomics Research Group, Department of Pharmacology, National and Kapodistrian University of Athens
Dr. Artouros Isseyegh	PhD, Director, Cyprus Medicines Verification Organization, Nicosia, Cyprus
Dr. Sofia Kalantaridou	MD, PhD, Professor, Obstetrics, Gynaecology and Infertility, Medical School, National and Kapodistrian University of Athens
Katerina Kalliantasi	Clinical Pharmacology & Pharmacogenomics Research Group, Department of Pharmacology, National and Kapodistrian University of Athens
Dr. Paraskevi Katsaounou	MD, PhD, Professor, Division of Respiratory Diseases, National and Kapodistrian University of Athens
Dr. Martha Katsarou	PhD, Biochemist, Department of Pharmacy, School of Health Sciences, National and Kapodistrian University of Athens
Iliana Katsiadrami	Pharmacist, Department of Pharmacy, School of Health Sciences, National and Kapodistrian University of Athens
Anna-Maria Lygerou	MSc,Pharmaceutical Formulation Scientist, Kleva Pharmaceuticals
Dr. Michael Liontos	MD, PhD, Assistant Professor at Dept of Clinical Therapeutics, National and Kapodistrian University of Athens
Dr. Elena Maltezou	MD, PhD, "Professor, Pediatrician - Infectious Diseases Specialist Head, Directorate of Research, Studies and Documentation National Public Health Organization, Athens, Greece Visiting Professor, University of Catania, Italy"
Dr. Evangelos Manolopoulos	President of the National Pharmaceutical Organization (EOF)
Antria Michael	MSc, Clinical Pharmacology & Pharmacogenomics Research Group, Department of Pharmacology, Frederick University, Cyprus
Dr. Stergios Moschos	"Professor, Cellular and Molecular Sciences, PhD, Founder and CSO, PulmoBioMed Ltd., a Northumbria University spinout company"
Evangelia Nakou	MD, Clinical Pharmacology & Pharmacogenomics Research Group, Department of Pharmacology, School of Health Sciences, National and Kapodistrian University of Athens



#### **SPEAKERS**

Dorothea Ntikou MSc, Clinical Pharmacology and Pharmacogenomics Research Group, Department of Pharmacology, Frederick University, Cyprus

Eleni Ntoumou Molecular Biologist, iDNA Laboratories

Maria Pagoni MSc, Clinical Pharmacology and Pharmacogenomics Research Group,
Department of Pharmacology, National and Kapodistrian University of
Athens

Dr. Nikos Panagiotou PhD, Scientific Director, iDNA Genomics, Athens, Greece

Dr. Konstantinos Pantos MD, PhD, Obstetrician & Gynaecologist, IVF Specialist, Head of Genesis Athens Clinic

Natalia MD, PhD, Clinical Pharmacology and Pharmacogenomics Research Group,
Department of Pharmacology, National and Kapodistrian University of
Athens

Dr. Amalia MD, PhD, Resident Doctor of Internal Medicine at "Sotiria" General Hospital of Chest Diseases, National and Kapodistrian University of Athens

Stavrianna Pariou | MSc, Clinical Pharmacology & Pharmacogenomics Research Group

Dr. Maria Papasavva PhD, Lecturer, Frederick University, Cyprus

Dr. Athanasios Pappas MD, PhD, Human Reproduction Res. Fellow, GENESIS Athens Clinic

Dr. Alexandros Petrelis B.Sc., M.Sc., Ph.D.

Dr. Leonidas Phylactou MD, PhD, Professor, Chief Executive Officer and Medical Director, The Cyprus Institute of Neurology & Genetics, Cyprus

Dr. Emmanouil Pikoulis MD, PhD, Professor, Dean of School of Health Sciences, National and Kapodistrian University of Athens

Dr. Michail Rallis

PhD, Professor, Unity of Dermatopharmacology, Department of
Pharmaceutical Technology, Faculty of Pharmacy, School of Health
Sciences, National & Kapodistrian University of Athens

Stella Ravani Laboratory of Pharmacology Department of Pharmacy National and Kapodistrian University of Athens

Dr. Christos Reppas PhD, Professor, President of Department of Pharmacy, National and Kapodistrian University of Athens

Dr. Nikolaos Salakos MD, PhD, Professor Emeritus, Medical School, National and Kapodistrian University of Athens

# Precision Medicine in Disease Diagnosis and Therapy 2023

#### Athens | December 1-2-3 2023

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#### **SPEAKERS**

Efi Salata	Medical Science Liaison, iDNA Laboratories Athens
Evangelia Sarandi	MSc, Research associate, PhD candidate, Laboratory of Toxicology and Forensic Sciences, Medical School, University of Crete, Heraklion - Metabolomic Medicine, Health Clinics for Autoimmune and Chronic Diseases, Athens, Greece
Dr. Ippokratis Sarris	MD, PhD, Obstetrician & Gynaecologist, IVF Specialist, Head of Genesis Athens Clinic
Dr. Konstantinos	MD, PhD, Obstetrician – Gynaecologist, MD, IVF Specialist, Genesis Athens Clinic
Sfakianoudis	
Dr. Sofia Siest	PhD, Director of Research in INSERM, Director of Biological Ressources Centre: BRC IGE-PCV
Dr. Mara Simopoulou	MD, PhD, Associate Professor, Physiology and Embryology, School of Medicine, National and Kapodistrian University of Athens
Dr. Vasilis Siokas	MD, Department of Neurology, Laboratory of Neurogenetics, University of Thessaly
Dr. Nikolaos Sipsas	MD, PhD, Professor, Pathophysiology and Infectious Diseases, School of Medicine, National and Kapodistrian University of Athens
Dr. Anastasia Soureti	PhD, Clinical Pharmacist, Medical School, National and Kapodistrian University of Athens
Marios Spanakis	PhD, Dpt Forensic Sciences & Toxicology Faculty of Medicine, University of Crete
Dr. Demetrios Spandidos	Professor Emeritus, PhD, Medical School, University of Crete, Heraklion, Greece
Elisavet Stavropoulou	MD, PhD, CHUV-Centre Hospitalier Universaire Vaudois
Dr. Constantine Stratakis	MD, PhD, Pediatician - Endocrinologist - Mediacl Genetist, Head of Institute of Molecular Biology and Biotechnology of the Foundation for Research and Technology Hellas
Dr. Nikolaos Tentolouris	MD, PhD, Professor, Medical School, National and Kapodistrian University of Athens, 1st Department of Propaedeutic and Internal Medicine, Laiko General Hospital
Dr. Aristides Tsatsakis	PhD, Professor, Director of Laboratory of Toxicology, Medical School,

University of Crete

# Precision Medicine in Disease Diagnosis and Therapy 2023

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#### **SPEAKERS**

Dr. Nikolaos Tsirikos- Karapanos	MD, PhD, Cardiovascular Surgery Fellow at Mayo Clinic, Founder/co-owner/ President Metron Nutraceuticals, Cleveland, Ohio, United States
Annia Tsolakou	PhD, Clinical Pharmacology and Pharmacogenomics Research Group, Department of Pharmacology, National and Kapodistrian University of Athens
Dr. Dimitris Tsoukalas	MD, PhD, Metabolomic Medicine, Health Clinics for Autoimmune and Chronic Diseases, Athens, Greece, European Institute of Molecular Medicine, Rome, Italy
Dr. Panayiotis Vakas	MD, PhD, Professor, 2nd Department Of Obstetrics And Gynecology, School Of Health Sciences, Medical School, National and Kapodistrian University of Athens
Dr. Michalis Vikelis	MD, PhD, Neurologist, specialised in Headaches
Dr. Andreas Vitsos	PhD, Department of Pharmaceutical Technology, National and Kapodistrian University of Athens
Maria Zacharioudaki	Pharmacist, Department of Pharmacy, School of Health Sciences, National and Kapodistrian University of Athens
Spyridon Zannias	Vice President of the International Olympic Academy
Vasilis Zogopoulos	MSc, Centre of Systems Biology, Biomedical Research Foundation, Academy of Athens
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