

Research Laboratory of Clinical  
Pharmacology and Pharmacogenomics  
School of Health Sciences  
National & Kapodistrian University of Athens



HELLENIC SOCIETY  
OF PHARMACOGENOMICS  
AND PERSONALIZED  
DIAGNOSIS AND THERAPY

# 2<sup>nd</sup> Congress of Pharmacogenomics and Personalized Diagnosis and Therapy

**From Evidence-based Cohort Medicine to  
Knowledge-based Personalized Medicine**

Athens, November 4, 5 and 6, 2016

Under the auspices of



European Society of Pharmacogenomics  
and Personalised Therapy

The Research Laboratory of Clinical Pharmacology and Pharmacogenomics  
at the National & Kapodistrian University of Athens  
and the Hellenic Society of Pharmacogenomics and Personalized Diagnosis and Therapy (EEPHARM)  
invites you to the

**2<sup>nd</sup> Congress of Pharmacogenomics and Personalized Diagnosis and Therapy:  
From Evidence-based Cohort Medicine to Knowledge-based Personalized Medicine**

that will be held in Athens, November 4<sup>th</sup>, 5<sup>th</sup>, 6<sup>th</sup>, 2016  
under the auspices and support of the  
European Society of Pharmacogenomics and Personalized Therapy (ESPT).

**Organizer/Congress Chairman**

***Dr. Nikolaos Drakoulis, MD***

Ass. Professor of Clinical Pharmacology  
School of Health Sciences, Faculty of Pharmacy  
National & Kapodistrian University of Athens

## Organizing Committee

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Veterinary Medicine - PVM, PhD  
University of Thessalia, Greece

**Pappas Athanasios**

Gynecology - MD, PhD  
Genesis IVF Clinic, Athens, Greece

**Raggousis Ioannis**

Biochemistry - MSc, PhD  
McGill University, Canada

**Refenes Nikolaos**

Pharmacy - MSc, PhD  
Cellgene, Swiss

**Tsaganos Thomas**

Infectiology  
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**Tsatsakis Aristeidis**

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**Valakopoulou Lilian**

Biology, Bayer AG, Germany

**Vassilakopoulou Dido**

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National & Kapodistrian University  
of Athens, Greece

**Xenos Konstantinos**

Clinical Dietology - MSc  
Euroclinic, Athens, Greece

## Scientific Committee

**Cascorbi Ingolf**

MD, PhD  
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CEO of Aquavit Pharmaceuticals, Inc. USA

**Charmandari Evaggelia**

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**Chrousos Georgios**

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**Mavragani Clío**

MD, PhD  
National & Kapodistrian University  
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**Maschos Stergios**

Pharmacist, BSc, MSc, PhD  
University of Westminster, UK

**Seeger Karl-Heinz**

MD, PhD  
Charité University of Berlin, Germany

**Tsopelas Christos**

Psychiatrist, MD, PhD  
Psychiatric Hospital of Attica (Dafni),  
Greece

## Invited Speakers (confirmed)

|                              |                                      |                              |                               |
|------------------------------|--------------------------------------|------------------------------|-------------------------------|
| AGGELOPOULOU, Eva            | Pharmacist, BSc                      | MAVRAGANI, Clio              | MD, PhD                       |
| ANTONIADOU, Maria            | Pharmacist, BSc                      | MOSCHOS, Stergios            | BSc, MSc, PhD                 |
| BOUTSOURIS, Konstantinos     | MD, PhD cand                         | PAPADIMITRIOU, Adrianna      | Pharmacist, BSc               |
| CASCORBI, Ingolf             | MD, PhD                              | PAPANIKOLOPOULOU, Amalia     | Pharmacist, BSc               |
| CHALVATZI, Stella            | Pharmacist, BSc                      | PAPASAVVA, Maria             | Pharmacist, BSc               |
| CHANG, Sobin                 | Pharmacist, BSc, MPH                 | POLYCHRONOPOULOS, Panagiotis | Pharmacist                    |
| CHARMANDARI, Evaggelia       | MD, PhD                              |                              | MSc, PhD                      |
| CHASSOMERI, Maria            | Pharmacist, BSc                      | POUMPOURIDOU, Nikoleta       | Chemist, MSc, PhD             |
| CHRISIKOU, Adrianna          | Pharmacist, BSc                      | RALLIS, Michail              | Pharmacist, BSc, MSc, PhD     |
| CHROUSOS, Georgios           | MD, PhD                              | REFENES, Nikolaos            | Pharmacist, BSc, MSc, PhD     |
| DAHL, Marija Lisa            | MD, PhD                              | SAKKAS, John                 | Pharmacist, BSc, MSc          |
| DASKALAKIS, Periklis         | Pharmacist, BSc                      | SALAKOS, Nikolaos            | MD, PhD                       |
| DELIGEOROGLOU, Efthimios     | MD, PhD                              | SEEGER, Karl-Heinz           | MD, PhD                       |
| DEMERTZIS, Nikolaos          | Biotechnology,<br>BSc, MSc, PhD cand | SIATOUNI Anna                | MD, PhD                       |
| DESINIOTIS, Vassileios       | Biologist, BSc                       | SOURETI, Anastasia           | Pharmacist MSc, PhD cand      |
| DIMITRAKIS, Timos            | Pharmacist, BSc, MSc, PhD cand       | SYKA, Maria                  | Pharmacist, BSc, MSc, PhD     |
| DIMITRIOU, Polyxeni          | Pharmacist, BSc                      | TSOPELAS, Christos           | MD, PhD                       |
| DRAKOULIS, Nikolaos          | MD, PhD                              | TSOULOS, Antonis             | Photographer                  |
| FORA, Eleni                  | Dentist, MSc                         | VARAKLIOTIS, Nikolaos        | Pharmacist, BSc               |
| GATZONIS, Stergios           | MD, PhD                              | VASILAKOPOULOU, Dido         | Biologist BSc, MSc, PhD       |
| GIAKOUMAKI, Maria            | Pharmacist, BSc, MSc cand            | VISVIKIS-SIEST, Sophia       | Pharmacist, PhD               |
| GIANNIOTI, Konstantina       | Pharmacist, BSc                      | VLACHAKOU, Maria             | Pharmacist, BSc, MSc          |
| HALIASSOS, Alexandros        | MD, PhD                              | XENELI, Vassiliki            | BSc, MSc cand                 |
| KALEMASSI, Eugenia           | Pharmacist, BSc                      | XENOS, Konstantinos          | Dietology, BSc, MSc, PhD cand |
| KARAKONSTANTIS, Konstantinos | MD, PhD cand                         |                              |                               |
| KARASTEFANI, Stella          | Pharmacist, BSc                      |                              |                               |
| KATSAROU, Martha-Spyridoula  | Biotechnology,<br>BSc, MSc, PhD      |                              |                               |
| KOUROUNIS, Christos          | MD, PhD                              |                              |                               |
| KROUPIS, Christos            | Clinical Chemist ,MSc, PhD           |                              |                               |
| LATSI, Rozana                | Pharmacist, BSc                      |                              |                               |
| MAGIATIS, Prokopis           | Pharmacist, BSc, MSc, PhD            |                              |                               |
| MARINOS, Georgios            | Pharmacist, BSc, MSc cand            |                              |                               |



## General Information

### Dates

The 2<sup>nd</sup> Congress of Pharmacogenomics and Personalized Diagnosis and Therapy will take place on **November, 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup>, 2016**.

### Congress Venue

Auditorium of Physiology "G. Kotzias" (Building 15)  
Medical School of National & Kapodistrian University of Athens, Greece.

### CME Accreditation

The congress will be accredited with CME credits by the Panhellenic Medical Association.

### Language

The official language of the congress is English.  
All abstracts and presentations should be in English.

### Abstract Submission

Deadline: **September 30<sup>th</sup>, 2016**.

### Registration Fees

Physicians, Pharmacists & other HCPs: 35€ per person  
Pharmaceutical industries: 350€ (fee per company for 1-10 representatives)  
EEPHARM members: 5€ per person  
Students: 5€ per person

Registration fee for participants includes:

- Admission to all scientific sessions
- Admission to oral presentations
- Admission to exhibition
- Congress material (congress bag, Final Printed Program)
- Coffee breaks & light lunches at the congress venue
- Welcome Reception and Closing Ceremony

### **Payment Method**

Select the payment method that suits you more. Visit the official congress site for detailed information.

### **Cancellation Policy**

For written cancellations received before September 30, 2016 cancellation fee will be applied. Thereafter **no refund will be paid** on the registration fees.

### **Exhibition and Sponsorship**

For sponsorship opportunities and/or exhibition space visit congress's website.

### **Hellenic Society of Pharmacogenomics and Personalized Diagnosis and Therapy Membership (EEPHARM)**

To benefit from reduced registration rates, you have to be in good standing for paid membership or become a member during the Congress.

For questions regarding EEPHARM membership please contact [www.esptnet-eu.gr](http://www.esptnet-eu.gr),  
Tel. +30 210 727 4149, Fax +30 210 727 4512

## Scientific Program



**Friday, November 4<sup>th</sup>, 2016**

- 12:30 - 13:00**      **Registration**
- 13:00 - 13:30**      **Congress Opening Ceremony**  
**Nikolaos Drakoulis**  
*President of the Hellenic Society of Pharmacogenomics  
and Personalized Diagnosis and Therapy (EPPHARM)*  
*Chairman of the Organizing Committee*  
**Efstratios Patsouris (invited)**  
*Dean of the School of Health Sciences  
National & Kapodistrian University of Athens*  
**Georgios Patoulis (invited)**  
*President of the Medical Association Athens (ISA)*  
**Katerina Antoniou (invited)**  
*President of the National Organization for Medicines (EOF)*
- 13:30 - 14:00**      **Antonis Tsoulos**  
*Remember - Θυμίσου (Documentary Slide Show)*
- 14:00 - 16:30**      **Personalized Diagnosis and Therapy of  
Central Nervous System Diseases**  
**Chair: Marija-Lisa Dahl, Christos Tsopelas**
- 14:00 - 14:45**      **Clinical Pharmacogenetics in Psychiatry (Key lecture)**  
*M.L. Dahl*
- 14:45 - 15:00**      **SCN1A Polymorphism Depending Therapeutic Response  
Analysis of Greek Patients with Complex Partial Seizures**  
*A. Siatouni, J. Sakkas*



- 15:00 - 15:15**      **Molecular Pathogenesis of Parkinson Disease:  
Insights from Genetic Studies**  
*N. Refenes*
- 15:15 - 15:30**      **How do Genes Correlate with Intelligence?**  
*M.S. Katsarou*
- 15:30 - 16:00**      **Advances in Genomics that Lead to Personalized  
Management of Mental Disorders in Daily Clinical  
Practice**  
*Ch. Tsopelas*
- 16:00 - 16:30**      **New Aspects of L-Dopa Decarboxylase Biology**  
*D. Vassilacopoulou*
- 16:30 - 16:45**      **Coffee Break**
- 16:45 - 19:30**      **Personalized Diagnosis and Therapy of Cancer  
and Autoimmune Diseases**  
**Chair:** *Karl-Heinz Seeger, Clio Mavragani*
- 16:45 - 17:30**      **The Relevance of Molecular Genetic Advances  
in Diagnostic and Treatment of Childhood Acute  
Leukemia (Key lecture)**  
*K.H. Seeger*
- 17:30 - 18:00**      **IFCC Online PT-DB project: Meeting the Clients  
with the Producers on Proficiency Testing of  
Rare Analyses and Companion Diagnostics**  
*A. Haliassos*



**18:00 - 18:15**      **The Use of Oral Glutamine in the Prevention of Radiation Induced Adverse Effects in Patients with Thoracic and Upper Aerodigestive Malignancies**  
*A. Papanikolopoulou*

**18:15 - 18:45**      **Sjogren's Syndrome and Lymphomagenesis: From Genes to Pathophysiology**  
*C. Mavragani, E. Aggelopoulou*

**18:45 - 19:00**      **Angiogenic Markers for Personalized Therapy of Gynecologic malignancies.**  
*N. Soureti*

**19:00 - 19:30**      *N. Salakos*

### **Saturday, November 5<sup>th</sup>, 2016**

**09:30 - 10:00**      **Registration**

**10:00 - 13:00**      **Personalized Diagnosis and Therapy of Metabolic Syndrome**  
**Chair:** *Georgios Chrousos, Evaggelia Charmandari*

**10:00 - 10:45**      **Personalized Diagnosis and Therapy of Metabolic Syndrome (Key lecture)**  
*G. Chrousos*

**10:45 - 11:00**      **Impact of Common Genetic Variants on the Statin and Fibrate Treatment in a Sample of 1094 Greek Volunteers**  
*P. Daskalakis, N. Varakliotis*

- 11:00 - 11:15**      **Frequency of Occurrence of Single Nucleotide Polymorphisms Associated with Different Responses to Alcohol in 1276 Caucasian Volunteers.**  
*K. Karakonstantis*
- 11:15 - 11:30**      **Frequency Distribution of Predisposing to Type II Diabetes Mellitus and/or Obesity Gene Polymorphisms in a Greek Population and their Impact in Personalized Medicine**  
*N. Demertzis, K. Boutsouris*
- 11:30 - 11:45**      **Investigation of Various Gene Polymorphism Relationships in Asthma Patients and the Importance of Type II Diabetes Coexistence**  
*M. Syka*
- 11:45 - 12:00**      **Coffee Break**
- 12:00 - 12:30**      **Development of a National e-Health System for the Prevention and Management of Childhood Obesity**  
*E. Charmandari*
- 12:30 - 12:45**      **Prevalence of Chromium Deficiency in Greek Obese Population and the Effect of Chromium Picolinate Supplementation on Weight Loss**  
*K. Xenos*
- 12:45 - 13:00**      **Epidemiology of Genetic Variations Within the Homocysteine Metabolic Pathway in Greek Caucasian Volunteers**  
*S. Chalvatzi, E. Kalemassi*
- 13:00 - 14:00**      **Lunch Break**

- 14:00 - 16:00**     **Personalized Diagnosis and Therapy of Infection Diseases**  
**Chair:** *Stergios Moschos, Efthymios Deligeoroglou*
- 14:00 - 14:45**     **Making a Difference: Leveraging Innovation to Meet Clinical Need. (Key lecture)**  
*S. Moschos*
- 14:45 - 15:15**     *E. Deligeoroglou (invited)*
- 15:15 - 15:30**     **Sensitive DNA-Array Detection and Typing in Asymptomatic Partners of HPV Infected Individuals**  
*A. Chrissikou, S. Karastefani*
- 15:30 - 16:00**     **HPV Status in Oral Epithelial Lesions: the Importance in Prevention, Diagnosis and Therapy**  
*E. Chrissomali, E. Fora*
- 16:00 - 16:15**     **Coffee Break**
- 16:15 - 19:00**     **Pharmacogenetics - Pharmacogenomics**  
**Chair:** *Ingolf Cascorbi, Nikolaos Drakoulis*
- 16:30 - 17:15**     **Pharmacogenomics in cancer drug resistance (Key lecture)**  
*I. Cascorbi*
- 17:15 - 17:30**     **Allele distribution of the 2A-Serotonin-Receptor Common Variant, rs1328674, in Patients Resistant to Antipsychotic Therapy**  
*V. Xeneli*

**17:30 - 17:45**      **Population Based Analysis of the Frequenting of HFE Gene Polymorphisms: Correlation with the Susceptibility to Develop Hereditary Hemochromatosis.**

*R. Latsi, M. Papasavva*

**17:45 - 18:00**      **Prevalence of Antioxidant Capacity Genes in a Greek Population Sample**

*V. Desiniotis, M. Giakoumaki, A. Papadimitriou*

**18:00 - 18:30**      **Frequency Distribution of Vitamin D Receptor Gene (VDR) Alterations in 1465 Caucasian Volunteers and Implications in Personalized Treatment.**

*P. Dimitriou, M. Chassomeri*

**18:30 - 19:00**      **Genetics of Age-Related Macular Degeneration**

*Ch. Kroupis*

**19:30 - 22:00**      **Welcome Reception**



**Sunday November 6<sup>th</sup>, 2016**

**09:30 - 10:00**      **Registration**

**10:00 - 11:30**      **Personalized Cosmetics and Food Supplements**

*(Round Table)*

**Chair:** *Sobin Chang, Martha-Spyridoula Katsarou*

**10:00 - 10:45**      **The New Frontier in Pharma Innovation: Personalized Medicine through Industry Convergence and Big Data (Key lecture)**

*S. Chang*

- 10:45 - 11:30** *S. Chang, N. Demertzis, V. Desiniotis, N. Drakoulis, M.S. Katsarou, P. Magiatis, P. Polychronopoulos, M. Rallis, M. Vlachakou, K. Xenos*
- 11:30 - 12:00** **Coffee Break**
- 12:00 - 12:30** **Poster Presentations**
- 12:30 - 13:30** **Oral Presentations**
- 13:30 - 14:00** **Lunch Break**
- 14:00 - 14:45** **Presentation of European Society of Pharmacogenetics and Therapy (E.S.P.T.)**  
*In memory of Prof. Dr. Gérard Siést †*  
*S. Visvikis-Siést*
- 14:45 - 16:00** **EEPHARM General Assembly**

**Parallel Sessions organized by Industry**

- 14:00 - 16:00** **CYPRO (Klaus Meler, Hamburg)**



- 16:00** **Closing Ceremony**  
*N. Drakoulis*



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Symposium Secretariat

**Alpha Public Relations**

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