

1st

Under the auspices of the:
Hellenic Ministry of Health and Social Solidarity
Athens University Medical School

International Conference on **FAMILIAL** **HYPERCHOLESTEROLAEMIA** **IN CHILDREN & ADOLESCENTS**



Organized by:



The Lipid Clinic and Laboratory for Metabolic Diseases,
1st Department of Paediatrics, Athens University Medical School

In Collaboration with the:

Hellenic College of Paediatricians
Hellenic Society of Paediatric Cardiology
Hellenic Cardiological Society
Hellenic Heart Foundation

Hellenic Society of Lipidology Atherosclerosis and Vascular Disease
Hellenic Society of Atherosclerosis
Northern Greece Society of Atherosclerosis

8-9 June 2012 - Athens, Greece

Athenaeum Intercontinental Hotel

Conference
Secretariat

free spirit
Getting you there!
www.free-spirit.gr

Final Program

www.FHchildren2012.com

Invitation

Dear Colleagues,

It is both a pleasure and a privilege for me to welcome you, on behalf of the Organizing Committee, to the 1st International Conference on Familial Hypercholesterolaemia in Children & Adolescents, in Athens, Greece, 8 - 9 June 2012.

Holding the inaugurating Conference in Greece is an extremely opportune circumstance, I believe, since the homeland of Hippocrates, the father of modern medicine, provides the best setting for the works of the event, which we all hope it will evolve into a major scientific institution worldwide.

To that end, the role and contribution of internationally renowned scientists that constitute the faculty of the Conference is of invaluable importance, as you can easily understand from just a brief glance at the scientific program. Furthermore, the topics to be discussed cover the whole spectrum of FH, starting with the genetics and clinical presentation of the condition, overviewing nutritional and drug treatment approaches and, last but not least, enumerating current and future strategies and perspectives in both treatment and prevention.

At the same time, we will have the opportunity to exchange views and ideas on the issue of FH in children and adolescents at a very convenient site, right across three of the most important monuments of Athens: the Acropolis and the Parthenon, the Pnyca, where St Paul introduced Christianity to Greece, and the Lycabettus Hill, the tallest point (277m) and symbol of Independence of Athens.

With these words and a warm welcome to Greece, we look forward to seeing you all in Athens in 2012, another benchmark year for the ancient Greek spirit, since it is an Olympic Games year!

For the Organizing Committee

Euridiki Drogari
President

Scientific Committee



- Barbir Mahmoud (UK)
Benlian Pascale (FRANCE)
Cariolou Marios (CYPRUS)
Deanfield John (UK)
Defesche Joep (The NETHERLANDS)
Descamps Olivier (BELGIUM)
Diamandopoulos Athanasios (GREECE)
Drogari Euridiki (GREECE)
Elisaf Moses (GREECE)
Gouni-Berthold Ioanna (GERMANY)
Hadjic Nedim (UK)
Hobbs H. Helen (USA)
Humphries Steve (UK)
Kafatos Antonios (GREECE)
Karvounis Charalampos (GREECE)
Kusters Dorothe Maria (The NETHERLANDS)
Lekakis John (GREECE)
Manolopoulos Evangelos (GREECE)
Ose Leiv (NORWAY)
Pitsavos Christos (GREECE)
Richter Dimitrios (GREECE)
Stein Evan (USA)
Steinhagen-Thiessen Elisabeth (GERMANY)
Talmud Philippa (UK)
Vuorio Alpo (FINLAND)
Wade - Martins Richard (UK)
Wiegman Albert (The NETHERLANDS)
Zampelas Antonios (GREECE)

Organizing Committee

President:

Euridiki Drogari (GREECE)

Bakoula Chryssa (GREECE)

Blair Wenter (USA)

Chrousos George (GREECE)

Hadjic Nedim (UK)

Hassapidou Maria (GREECE)

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Humphries Steve (UK)

Ifanti Georgia (GREECE)

Makedou Areti (GREECE)

Milionis Haralampos (GREECE)

Mollaki Vasiliki (GREECE)

Papagiannis John (GREECE)

Paphitis Christos (GREECE)

Rallidis Loukianos (GREECE)

Stamatelopoulos Kimon (GREECE)

Stein Evan (USA)

Vlachos Antonios (GREECE)

Wiegman Albert (The NETHERLANDS)

Scientific Program

Friday, June 8th 2012

08:00 - 09:00

Registrations

09:00 - 09:15

Welcome (Organizing Committee)

09:15 - 11:45

■ **SESSION I: GENETICS OF FH**

Moderators: Humphries Steve (UK)
Cariolou Marios (CYPRUS)

Genetics of lipids and cardiovascular disease: getting to the heart of the matter

Hobbs H. Helen (USA)

Familial Hypercholesterolaemia: a monogenic and polygenic disorder

Talmud Philippa (UK)

Need for molecular diagnosis of FH

Humphries Steve (UK)

Correlation genotype / phenotype in FH

Defesche Joep (The NETHERLANDS)

Comments - Discussion

11:45 - 12:15

Coffee Break

12:15 - 13:45

Poster Session

13:45 - 15:30

Light Lunch

15:30 - 17:00

■ **SESSION II: CLINICAL PRESENTATION**

Moderators: Karvounis Haralambos (GREECE)
Papagiannis John (GREECE)

Natural history of FH in Greece

Drogari Euridiki (GREECE)

Structural and functional changes in the arterial wall before and after treatment for FH in adolescents

Deanfield John (UK)

Comments - Discussion

17:00 - 17:30

Coffee Break

17:30 - 18:45

■ **SESSION III: Round Table: FH TREATMENT ISSUES: MONOTHERAPY VS COMBINATION**

Moderator: Drogari Euridiki (GREECE)

Simvastatin in children and adolescents

Ose Leiv (NORWAY)

Ezetimibe monotherapy: a perspective

Kusters Dorothe Maria (The NETHERLANDS)

Simvastatin plus ezetimibe in children and adolescents

Wiegman Albert (The NETHERLANDS)

Comments - Discussion

18:45 - 19:30

■ **SESSION IV: THE FH FOUNDATION**

The Odyssey of an FH patient

Blair Wenter (USA)

Comments - Discussion

19:30 - 21:00

■ **OPENING CEREMONY**

1. **Addresses**

a) Hellenic Ministry of Health and Social Solidarity

b) Medical School University of Athens

2. **The ideas of fetus' formation and the mode of inheritance according to Ancient and Medieval Greek writers**

Diamandopoulos Athanasios (GREECE)

3. **A musical ensemble by contemporary Greek composers**

"D. Typaldos" Children's Choir

21:00

Welcome Reception



Saturday, June 9th 2012

- 09:00 - 10:15** ■ **SESSION V: TREATMENT WITH NUTRITION**
Moderators: Kafatos Antonios (GREECE)
Hassapidou Maria (GREECE)
Nutritional approach and guidelines for FH paediatric population
Zampelas Antonios (GREECE)
The role of sterols/stanols in the treatment of children and adolescents with FH
Vuorio Alpo (FINLAND)
Comments - Discussion
- 10:15 - 10:45 Coffee Break
- 10:45 - 14:00** ■ **SESSION VI: DRUG TREATMENT: THE INTERNATIONAL EXPERIENCE**
Moderators: Lekakis John (GREECE)
Richter Dimitrios (GREECE)
Drug treatment: the Norwegian experience
Ose Leiv (NORWAY)
Drug treatment: the Dutch experience
Wiegman Albert (The NETHERLANDS)
Drug treatment: the Belgian experience
Descamps Olivier (BELGIUM)
Drug treatment for children and adolescents with FH-present and future
Stein Evan (USA)
Pharmacogenomics of statin effects in children and adults with FH
Manolopoulos Evangelos (GREECE)
Comments - Discussion
- 14:00 - 16:00 Light Lunch
- 16:00 - 18:30** ■ **SESSION VII: TREATMENT/ADVANCES AND CHALLENGES**
Moderators: Elisaf Moses (GREECE)
Pitsavos Christos (GREECE)
LDL - Apheresis in FH: the German experience
Steinhagen - Thiessen Elisabeth (GERMANY)
LDL - Apheresis in FH: the British experience
Barbir Mahmoud (UK)
Liver Transplantation in FH Hadzic Nedim (UK)
Gene Therapy in FH Wade-Martins Richard (UK)
Comments - Discussion
- 18:30 - 19:00 Coffee Break
- 19:00 - 19:45** ■ **SESSION VIII: PREVENTION**
Moderators: Chrousos George (GREECE)
Bakoula Chryssa (GREECE)
Earlier is the better: adulthood phenotype in grown-up genetically defined FH children treated since early childhood
Benlian Pascale (FRANCE)
Comments - Discussion
- 19:45 - 20:30** ■ **SESSION IX: SATELLITE SYMPOSIUM**
Moderator: Milionis Haralampos (GREECE)
New treatment options for severe forms of FH
Gouni-Berthold Ioanna (GERMANY)
Comments - Discussion
- 20:30 - 20:45 **Farewell (Organizing Committee)**
- 21:00 **Gala Dinner**



Conference Secretariat



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