

Past, Present and Future

International Conference

commemorating the

50 Years Anniversary of the ETA

11-13 June 2015

European Cultural Centre of Delphi (ECCD)

Greece



Organized by



Under the Auspices of



Final Program

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Welcome Address

On behalf of the Thyroid Board of the Hellenic Endocrine Society (HES), it is my pleasure to welcome you to the International Conference **Past, Present and Future in Delphi**. This will be a three-day meeting, one celebrating the centennial of the discovery of thyroxine, one commemorating the 50 years of the ETA and a third day dedicated to the latest developments in the diagnosis and treatment of Graves' disease, the most common form of hyperthyroidism. We would like to cordially thank the Executive Committee of the European Thyroid Association (ETA) for having endorsed the Conference as well as the Executive Committee of the HES under whose auspices the event is taking place.

The venue of this event is Delphi. According to the myths of Ancient Greece (510-323 BC), this site was founded by Zeus who, in his effort to determine the exact centre of his "Grandmother Earth" (Ge, Gaea, or Gaia), sent two eagles flying from the eastern and western extremities: the path of the eagles crossed over Delphi where the omphalos, or navel of Gaia was located.

Thus, a unique event at a unique place!

I would like to warmly thank the European Cultural Centre of Delphi and the Municipality of Delphi for their considerable assistance in preparing this meeting. We are also grateful to Professor Constantinos Pantos for his helping to organize the first day of the meeting, as well as to the contributions of Prfs. Maria Alevizaki and Christina Kanaka-Gantenbein. Last but not least, warm thanks to all those who have accepted our invitation, speakers, and moderators, as well as all to the many companies that have generously supported us, making possible the holding of this important event.

Welcome in Delphi!

Leonidas Duntas

Thursday 11 June 2015

*Translating thyroid hormone action in non-thyroid care setting:
Current options and future perspectives*

- 08:30–09:00 Registrations**
- 09:00–09:30 Introduction** Constantinos Pantos (Athens), Leonidas Duntas (Athens)
- 09:30–11:45 Part 1 Thyroid hormone as a common player in development and stress response: Relevance to tissue repair**
- Chair** Josef Koehrle (Berlin), Constantinos Pantos (Athens)
- 09:30–10:00 Frederic Flamant (Lyon):** Thyroid hormone receptor alpha1 and neurodevelopment: a few target cells but big consequences
- 10:00–10:30 Nicola Hellen (London):** Deiodinase 3 and stem cell maturation
- 10:30–11:00 Warner S. Simonides (Amsterdam):** Deiodinase 3 and the response to cardiac injury
- 11:00–11:45 Constantinos Pantos (Athens):** TRα1: The secret player in tissue repair
- 11:45–12:00 Coffee Break**
- 12:00–13:45 Part 2 Translating thyroid hormone action into clinical practice: Epidemiology and therapeutic modalities**
- Chair** Milos Zarkovic (Belgrade), Agathokles Tsatsoulis (Ioannina)
- 12:00–12:35 Salman Razvi (Newcastle):** Subclinical hypothyroidism and ischemic heart disease
- 12:35–13:10 Alessandro Pingitore (Pisa):** Thyroid hormone therapy in acute myocardial infarction and heart failure
- 13:10–13:45 Iordanis Mourouzis (Athens):** Thyroid hormone and cardiopreservation in cardiac surgery and organ transplantation
- 13:45–14:30 Lunch Break**
- 14:30–16:15 Part 3 Thyroid hormone metabolites: Novel players in health and disease**
- Chair** Alessandro Pingitore (Pisa), Dimitrios Hadjidakis (Athens)
- 14:30–15:00 Carolin S. Hoefig (Stockholm):** Thyroid hormone metabolites in cardiovascular health and disease
- 15:00–15:30 Riccardo Zucchi (Pisa):** Thyronamines: potential physiological and pathophysiological role
- 15:30–16:15 Josef Koehrle (Berlin):** Thyromimetics in the regulation of metabolism and body temperature
- 16:15–16:30 Coffee Break**
- 16:30–18:15 Part 4 Clinical course on thyroid hormone and heart interplay**
- Chair** Constantinos Pantos (Athens)
- 16:30–17:00 Iordanis Mourouzis (Athens):** Amiodarone and Dronedaronone interaction with thyroid hormone: clinical implications
- 17:00–18:15 Case Reports – Presentation and Discussion**
- Chair** Evangeline Vassilatou (Athens), Lia Zapanti (Athens)
- Polixeni Mantzouratou (Athens):** Worsening heart failure in the setting of dronedarone initiation
- Maria Zairi, Katerina Saltiki (Athens):** Amiodarone induced thyroiditis
- Elena Grineva (St. Petersburg), Galina Melnichenko (Moscow):** Amiodarone and thyroiditis

Friday 12 June 2015

Past, Present and Future

- 08:30-09:00 **Registrations**
- 09:00-09:30 **Leonidas Duntas (Athens):** Introduction
- 09:30-10:15 **Part 1 Historical Section**
Chair Luigi Bartalena (Varese)
Peter Smyth (Galway): History of the ETA: Evolution of the Annual Scientific Meeting
- 10:15-10:45 **Part 2 Special Lecture I**
Chair Dillwyn Williams (Cambridge)
Jacques Dumont (Brussels): Signal transduction in the thyroid: from physiology to disease
- 10:45-11:00 **Coffee Break**
- 11:00-12:30 **Part 3 Changes in Research Priorities
Thyroid Autoimmunity**
Chair Ulla Feldt - Rasmussen (Copenhagen), Maria Alevizaki (Athens)
11:00-11:30 Mark Vanderpump (London): ETA Guidelines on Subclinical Hypothyroidism
11:30-12:00 John Lazarus (Cardiff): Thyroid and pregnancy
12:00-12:30 Luigi Bartalena (Varese): Developments in the treatment of thyroid - associated orbitopathy
- 12:30-12:45 **Discussion**
- 12:45-13:30 **Lunch Break**
- 13:30-15:15 **Thyroid Cancer**
Chair Jacques Dumont (Brussels), Sofia Tseleni - Balafouta (Athens)
13:30-14:00 Dillwyn Williams (Cambridge): Thyroid pathology: past, present and future
14:00-14:30 Ulla Feldt-Rasmussen (Copenhagen): Anti-thyroglobulin antibodies positivity in thyroid cancer: a practical approach
14:30-15:15 Maria Alevizaki (Athens): Current approach in the management of thyroid microcarcinoma
- 15:15-15:30 **Coffee Break**
- 15:30-16:15 **Part 4 Special Lecture II**
Chair Leonidas Duntas (Athens)
Peter Kopp (Chicago): Thyroid hormone synthesis from clinical aspects to molecular insights
- 16:15-17:00 **Part 5 Special Lecture III**
Chair Christina Kanaka - Gantenbein (Athens)
Catherine Dacou - Voutetakis (Athens): Central hypothyroidism: etiology, diagnostic steps and genetics
- 17:00-18:15 **Closure**

Saturday 13 June 2015

Insights into Hyperthyroidism

- 08:30-09:00 Registrations**
- Chair Luigi Bartalena (Varese), Leonidas Duntas (Athens)**
- 09:00-09:30 Konstantinos Markou (Patras):** Iodine and Hyperthyroidism
- 09:30-10:00 Milos Zarkovic (Belgrade):** The role of oxidative stress in the pathogenesis and management of Graves' disease
- 10:00-10:30 Constantinos Pantos (Athens):** Hyperthyroidism and cardiac remodeling
- 10:30 -11:00 Mark Vanderpump (London):** Epidemiology and cardiovascular mortality in subclinical and overt hyperthyroidism
- 11:00-11:30 Coffee Break**
- Chair Mark Vanderpump (London), Maria Alevizaki (Athens)**
- 11:30-12:00 Ulla Feldt-Rasmussen (Copenhagen):** The role of TSH-receptor antibodies in the pathogenesis, diagnosis and follow-up of Graves' disease patients
- 12:00-12:30 Christina Kanaka - Gantenbein (Athens):** Pediatric Graves' disease
- 12:30-13:00 Leonidas Duntas (Athens):** Selenium and Graves' disease
- 13:00-13:30 John Lazarus (Cardiff):** Diagnosis and treatment of Graves' disease during pregnancy
- 13:30-14:30 Lunch Break**
- Chair Ulla Feldt - Rasmussen (Copenhagen), George Mastorakos (Athens)**
- 14:30-15:00 Luigi Bartalena (Varese):** Trends and dilemmas in the treatment of Graves' disease
- 15:00-15:30 Symeon Tournis (Athens):** Hyperthyroidism and bones
- Chair Galina Melnichenko (Moscow), Evangelina Vassilatou (Athens)**
- 15:30-16:00 Gesthimani Mintzioti (Thessaloniki):** Hyperthyroidism and infertility
- 16:00-16:30 Theodora Pappa (Chicago):** Puzzling thyroid cases and the role of genetics: on the occasion of two novel mutations
- 16:30-18:00 Case Reports - Presentation and Discussion**
- Chair George Koukoulis (Athens), Christina Kanaka - Gantenbein (Athens)**
- Antonis Voutetakis (Athens):** Pharmacologically induced hyperthyroidism in infancy
- Eleni Magdalini Kyritsi (Athens):** Congenital hyperthyroidism
- Vasily Samitin, Galina Melnichenko (Moscow):** Thyrotoxicosis factitia associated with energy drinks consumption: a case presentation
- 18:00-18:30 Closure**

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General Information

Dates

11 - 13 June 2015

Venue

European Cultural Centre of Delphi, Greece

330 54, Delphi, Fokida, Greece

Tel.: (+30) 22650.82731-2

Website: www.eccd.gr

The European Cultural Centre of Delphi (ECCD) was founded upon the inspiration and initiative of Konstantine Karamanlis. It is a Conference Centre of European specifications and has hosted a number of national and international events. The congress will take place at the Konstantinos Karamanlis hall.

Language

The official language of the congress is **English**.

Registration cost (per participant)

200.00 €

The registration cost per participant includes:

- Attendance of the scientific program
- Congress Material
- Certificate of Attendance

The registration cost per participant does not include:

- VAT 23%

CME Credits

The congress will be accredited with 18 CME credits, mutually acknowledged by the Panhellenic Medical Association and U.E.M.S.

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Congress Secretariat



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Delphi

At the foot of Mount Parnassos, lies the Pan-Hellenic sanctuary of Delphi, which had the most famous oracle of ancient Greece. Delphi was regarded as the centre of the world. According to mythology, it is here that the two eagles sent out by Zeus from the ends of the universe to find the navel of the world met. The sanctuary of Delphi, set within a most spectacular landscape, was for many centuries the cultural and religious centre and symbol of unity for the Hellenic world. The history of Delphi begins in prehistory and in the myths of the ancient Greeks.



Between the sixth and fourth centuries BC, the Delphic oracle, which was regarded as the most trustworthy, was at its peak. It was delivered by the Pythia, the priestess, and interpreted by the priests of Apollo. Cities, rulers and ordinary individuals alike consulted the oracle, expressing their gratitude with great gifts and spreading its fame around the world. The oracle was thought to have existed since the dawn of time. Indeed, it was believed to have successfully predicted events related to the cataclysm of Deukalion, the Argonaut's expedition and the Trojan War; more certain are the consultations over the founding of the Greek colonies. It was the oracle's fame and prestige that caused two Sacred Wars in the middle of the fifth and fourth centuries BC. In the third century BC, the sanctuary was conquered by the Aetolians, who were driven out by the Romans in 191 BC. In Roman times, the sanctuary was favoured by some emperors and plundered by others, including Sulla in 86 BC.

Archaeological research in Delphi began in 1860 by Germans. In 1891, the Greek government granted the French School at Athens permission for long-term excavations on the site. It is then that the village of Kastri was removed to allow for the so-called "Great Excavation" to take place. The Great Excavation uncovered spectacular remains, including about three thousand inscriptions of great importance for our knowledge of public life in ancient Greece. Today, the Greek Archaeological Service and the French School at Athens continue to research, excavate and conserve the two Delphic sanctuaries. Of all the monuments, only the Treasury of the Athenians had enough of its original building material preserved to allow for its almost complete reconstruction. The project was financed by the City of Athens and carried through by the French School in 1903-1906. The Chiot altar, the temple of Apollo and the Tholos were also partially restored. In 1927 and 1930, the poet Angelos Sikelianos and his wife, Eva, revived the Delphic idea and attempted to make Delphi a global cultural centre that would include series of events and performances of ancient theatre.

Acknowledgments

The Organizing Committee
of the Thyroid Board of the Hellenic Endocrine Society (HES)
would like to express their sincere gratitude to the following
sponsors for their support:

