1<sup>st</sup> PANHELLENIC INTERDISCIPLINARY CONGRESS ON PEDIATRIC AND ADOLESCENT MULTIPLE SCLEROSIS

«Dialogues of Hellenic Neuroscientists on Pediatric and Adolescent Multiple Sclerosis»

### ROYAL OLYMPIC HOTEL ATHENS

#### Organization:

16-18

January 2015

> George Chroussos Professor of Pediatrics National and Kapodistrian University of Athens

Maria Anagnostouli Assistant Professor of Neurology National and Kapodistrian University of Athens

Under the auspice of: Medical School of Athens

Academy of Neurosciences





### INVITATION OF THE PRESIDENTS OF SCIENTIFIC AND ORGANIZING COMMITTEE

Dear colleagues, dear students,

Multiple Sclerosis is a disease that affects people of all ages but especially young people. A small percentage of all patients concerns individuals in childhood and adolescence, at about 3-5%, but with the apparent increasing incidence of the disease internationally in recent years raises the dire need to focus our attention in this category of patients, which we believe that it is the more delicate.

As much as pediatricians and pediatric neurologists who first encounter these cases of MS patients and neurologists who eventually undertake in later ages the management and further treatment of them, often express the need for exchange point of view, concerning the plurality of questions arising from the characteristics, both of the sensitive age, and from the transitivity of puberty and the consequent hormonal changes.

But other colleagues of other specialties are confronted with the range of manifestations of the disease, such as ophthalmologists, psychiatrists, neuroimaging radiologists and rheumatologists. The latter are often asked to submit their views on the correct differential diagnosis of these cases. Of course researchers and clinicians of all fields, biologists, psychologists, nurses also have to offer to improve the quality of life of these children.

Note that since 2013 the International Pediatric Multiple Sclerosis Study Group (IPMSSG) is working globally, but already several years ago, Professor of Neurology at the AUTH Mr. Orologas with his proposal sensitized the Multiple Sclerosis International Federation (MSIF) for the need to target and strengthen research efforts in the field of childhood MS.

With the belief that this scientific meeting opens new avenues of approach and interdisciplinary cooperation of relevant disciplines, to focus and optimization of treatment of these children, we invite you to honor us with your presence and your active participation, to always welcoming and panoramic views of the Acropolis, site of Royal Olympic, Athens!

Waiting for you!

Sincerely

George Chrousos Professor of Pediatrics Maria Anagnostouli Assistant Professor of Neurology

Medical School of National and Kapodistrian University

1st panhellenic interdisciplinary congress on pediatric and adolescent multiple sclerosis «Dialogues of Hellenic Neuroscientists on Pediatric and Adolescent Multiple Sclerosis»



## COMMITTEES

### PRESIDENT OF THE SCIENTIFIC COMMITTEE

Chrousos George

### PRESIDENT OF THE ORGANIZING COMMITTEE

Anagnostouli Maria

#### SCIENTIFIC COMMITTEE

Dalakas Marinos Kappos Ludwig Karussis Dimitrios Stefanis Leonidas Orologas Anastasios Theoharides Theoharis Youroukos Sotirios Toulas Panagiotis Moschos Marilita Banwell Brenda Chintis Tanujia Ghezzi Angelo

### ORGANIZING COMMITTEE

Konitsiotis Spyros Papavasiliou Antigone Katsarou Efi Mastroyianni Sotiria Ntinopoulos Argyrios Pons Rozer Vartzelis George Gika Artemis Tsitsami Helen

### HONORARY COMMITTEE

- Papadimitriou Alexandros Papathanasopoulos Panagiotis Kyritsis Athanasios Piperidou Charitomeni Hadjigeorgiou George Amiridis George Heliopoulos Ioannis Papageorgiou Charalambos Spengos Konstantinos
- Kilidireas Constantinos Voumvourakis Constantinos Grigoriadis Nikolaos Nikolaou Chrysoula Triantafyllou Nikolaos Kapaki Elisabeth Deretzi Georgia Pelidou Erietta



### SCIENTIFIC PROGRAMME

### FRIDAY 16 of JANUARY 2015

14.00pm – 15.00pm	Registrations
15.00pm – 16.00pm	Welcome - Addresses
16.00pm – 18.00pm	Round Table Chair: Orologas A., Katsarou E.
16.00pm – 16.30pm	<u>Anagnostouli M.</u> "Basic knowledge of the pathophysiology of MS Newer data"
16.30pm – 17.00pm	Ntinopoulos A. "Newer epidemiological and patho-physiology data on childhood and adolescent MS in Greece and internationally"
17.00pm – 17.30pm	Pons R. "Devic's disease in childhood and adolescence. Data on pathophysiology, diagnosis, differential diagnosis and treatment"
17.30pm – 18.00pm	<u>Mastroyianni S.</u> "The experience of children with MS in Pediatric Hospital. Peculiarities in medical care and in family, school and social adjustment"
18.00pm – 18.30pm	Coffee Break
18.30pm – 19.30pm	Satellite Symposium- Merk-Serono
19.30pm - 20.30pm	Honorary Inaugural Speech Chair: Chrousos G., Anagnostouli M. <u>Papatzikis E.</u> "Approaching Sound and Music as an Interdisciplinary Tool in Neuroscience Research against the Early Oncet Multiple Sclerosis: Truths and Misunder standings"
20.30pm – 21.30pm	Opening Ceremony

1st PANHELLENIC INTERDISCIPLINARY CONGRESS ON PEDIATRIC AND ADOLESCENT MULTIPLE SCLEROSIS «Dialogues of Hellenic Neuroscientists on Pediatric and Adolescent Multiple Sclerosis»



### SATURDAY 17 of JANUARY 2015

9.30am - 11.00am	Diagnosis – Differential Diagnosis 1 Chair: Stefanis L., Papavasiliou A.		
9.30am – 10.00am	<u>Gika A.</u> "ADEM, & childhood/adolescence MS. Differential Diagnosis "		
10.00am – 10.30am	<u>Vartzelis G.</u> "Autoimmune encephalitis and other encephalopathies & childhood/adolescence MS. Differential Diagnosis"		
10.30am – 11.00am	<u>Tsitsami H</u> "Neuromuscular manifestations of rheumatic diseases of childhood mimicking multiple sclerosis"		
11.00am – 11.30am	Coffee Break		
11.30am - 12.30pm	Satellite Symposium-Sanofi-Genzyme		
12.30pm – 13.00pm	Coffee Break		
13.00pm - 14.00pm	Diagnosis – Differential Diagnosis 2 Chair: Konitsiotis S., Mitsikostas D.		
13.00pm – 13.30pm	<u>Moschos M.</u> "Optic Neuritis in children and adults with MS and other demyelinating diseases. Similarities and differences"		
13.30pm – 14.00pm	<u>Toulas P.</u> "Conventional and non-conventional neuro-imaging in the differential diagnosis of MS in children and adolescents "		
14:00pm - 15:00pm	Satellite Symposium-Genesis Pharma		
15.00pm – 17.00pm	Lunch Break		
17.00pm - 18.30pm	Therapies in childhood/adolescent MS Chair: Dalakas M., Youroukos S.		
17.00pm - 18.30pm 17.00pm- 17.30pm			
	Chair: Dalakas M., Youroukos S. <u>Chitnis T.</u> "First and second line therapies in pediatric MS.		
17.00pm– 17.30pm	Chair: Dalakas M., Youroukos S. <u>Chitnis T.</u> "First and second line therapies in pediatric MS. New insights" <u>Banwell B.</u> "International Pediatric MS Study Group.		
17.00pm– 17.30pm 17.30pm18.00pm	Chair: Dalakas M., Youroukos S. <u>Chitnis T.</u> "First and second line therapies in pediatric MS. New insights" <u>Banwell B.</u> "International Pediatric MS Study Group. Current and future perspectives" <u>Ghezzi A.</u> "New drugs and new hopes for Pediatric MS.		
17.00pm– 17.30pm 17.30pm18.00pm 18.00pm – 18.30pm	Chair: Dalakas M., Youroukos S. <u>Chitnis T.</u> "First and second line therapies in pediatric MS. New insights" <u>Banwell B.</u> "International Pediatric MS Study Group. Current and future perspectives" <u>Ghezzi A.</u> "New drugs and new hopes for Pediatric MS. Ongoing protocols"		

16-18 January 2015

### SUNDAY 18 of JANUARY 2015

10.00am – 11.00am	Positions and Oppositions in Approach of Child and Adolescent MS - Special Topics Chair: Anagnostouli M., Fakas N.	
10.00am – 10.20am	<u>Katsavos S.</u> "The HLA system, the vitamin D and its potential therapeutic role in childhood / adolescence MS "	
10.20am – 10.40am	<u>Artemiadis A.</u> "Electrophysiological and neuroimaging evaluation of cognitive functions in patients with MS. Suggestions for child and adolescent MS"	
10.40am – 11.00am	<u>Christidi F.</u> "Detection and treatment of cognitive dysfunctions in children and adolescents with multiple sclerosis: neuropsychological approach"	
11.00am -11.30am	Coffee Break	
11.30am – 13.00pm	<b>State of the Art Lectures</b> Chair: Papadimitriou A., Orologas A.	
11.30am – 12.00pm	<u>Chrousos G.</u> "Stress and MS. The specificities of childhood and adolescence "	
12.00pm – 12.30pm	<u>Theoharides T.</u> "Autism, Rett syndrome and MS-molecular similarities and differences"	
12.30pm – 13.00pm	<u>Karussis D.</u> "Stem cells application in neurological diseases; Implications for childhood MS"	
13.00pm – 14.00pm	<b>Presentation of childhood and adolescence MS cases</b> Conversation on the therapeutic intervention	
14.00pm- 14.30pm	Conclusions - Discussion	
15.00	End of the Congress	

1st PANHELLENIC INTERDISCIPLINARY CONGRESS ON PEDIATRIC AND ADOLESCENT MULTIPLE SCLEROSIS «Dialogues of Hellenic Neuroscientists on Pediatric and Adolescent Multiple Sclerosis»



## **SPEAKERS - CHAIRMEN**

(in alphabetical order)

Banwell Brenda	MD, Division Chief, Neurology, Professor of Neurology and Pediatrics, Children's Hospital of Philadelphia, University of Pennsylvania, BanwellB@email.chop.edu	
Chitnis Tanujia	Associate Professor of Neurology, Harvard Medical School, Director, Partners Pediatric Multiple Sclerosis Center, Massachusetts General Hospital, Boston, USA, tchitnis@rics.bwh.harvard.edu	
Chrousos George	Professor of Pediatrics, Head of the 1st Paediatric Clinic, "Agia Sofia", Childrens' Hospital, Athens National and Kapodistrian University, chrousge@med.uoa.gr	
Dalakas Marinos	M.D., FAAN, Professor of Neurology, National and Kapodistrian University of Athens Medical School, Athens Greece, And Professor of Neurology, Department of Neurology, Thomas Jefferson University, Philadelphia, PA, USA, mdalakas@med.uoa.gr	
Ghezzi Angelo	Ospedale di Gallarate, Centro Studi Sclerosi Multipla, Gallarate, angelo.ghezzi@aogallarate.it	
Kappos Ludwig	Chair Neurology, University Hospital, Basel, Switzerland, lkappos@uhbs.ch;EBeregi@uhbs.ch	
Karussis Dimitrios	MD, PhD, Head of the MS Center at Hadassah, Department of Neurology, Jerusalem, Israel, dimitriosk@ekmd.huji.ac.il	
Theoharides Theoharis	MS, PhD, MD, FAAAAI, Professor of Pharmacology and Internal Medicine Director, Molecular Immunopharmacology and Drug Discovery, Department of Integrative Physiology and Pathobiology, Tufts University School of Medicine, theoharis.Theoharides@tufts.edu	
Anagnostouli Maria	Assistant Professor of Neurology-Neuroimmunologist Dept. of Demyelinating Diseases & Director of Immunogenetics Laboratory A´ Neurological Clinic, Aeginition Hospital, National and Kapodistrian University of Athens, managnost@med.uoa.gr	
Artemiadis Artemios	MD, MSc, Neurology Resident, 417 Army Share Fund Hospital, Research Associate, Medical School of Athens, <mark>kmwartem@yahoo.com</mark>	
Vartzelis George	Lecturer in Pediatrics Neurology, Second department of Academic Pedi- atrics, Athens Medical School, University of Athens, yioran@yahoo.com	
Youroukos Sotirios	Pediatric Neurologist, sotel@hol.gr	
Gika Artemis	MD MSc PhD MRCPCH CCT(UK), Consultant Pediatric Neurologist, Scientific Associate, 1st Department of Pediatric, University of Athens, Greece, adgika@doctors.org.uk	
Katsavos Serafim	MD, Consultant Neurologist, Dept of Neurology, Hellenic Airforce General Hospital, <u>serafkatsavos@yahoo.g</u> r	
Katsarou Efi	Consultant Child Neurologist, Children's Hospital of Athens, P. & A. Kyriakou, pectasid@otenet.gr	

### 16-18 January 2015

### ROYAL OLYMPIC HOTEL ATHENS

Konitsiotis Spyros	Associate Professor of Neurology, skonitso@gmail.com	
Mastroyianni Sotiria	Consultant Child Neurologist, Children's Hospital of Athens, P. & A. Kyriakou, smastr@otenet.gr	
Mitsikostas Dimos-Dimitris	MD, PhD, Athens Naval Hospital, Neurology Department Chief, dimosmitsikostas@me.com	
Moschos Marilita	Assistant Professor, 1st Department of Ophthalmology, University of Athens, moschosmarilita@yahoo.fr	
Ntinopoulos Argyrios	Assistant Professor Child Neurologist, argydino@gmail.com	
Papavasiliou Antigone	MD, FAAP, Head, Department Hospital, Athens, Greece, theon@otenet.gr	
Papadimitriou Alexandros	Emeritus Professor of Neurology, School of Medicine, University of Thessaly, Chairman of Neurological Department, Henry Dunant Hospital Center. ,alexpapadimitriou@yahoo.com	
Papatzikis Efthimios	Researcher/Lecturer in Educational Neuroscience, BMusEd, MMus, PhD, Prof.Cert.Ed., NeuroCert. FHEA, QTS, efp331@mail.harvard.edu	
Pons Rozer	Pediatric Neurologist, First Department of Pediatrics, University of Athens Children's hospital Agia Sofia roserpons@med.uoa.gr	
Stefanis Leonidas	Professor of Neurology, Director of B'Dept. of Neurology, "ATTIKON" Hospital, Director of Laboratory for Neurodegenerative Diseases, Institute for Biomedical Research, Academy of Athens, lstefanis@bioacademy.gr	
Toulas Panagiotis	Consultant Neuroradiologist, MDDirector of Imaging Dept, Encephalos-EuromedicaScientific Fellow, EKPA, ptoulas@yahoo.gr	
Tsitsami Helen	MD, PhD, Head of Pediatric Rheumatology Unit, First Department of Pediatrics, School of Medicine, University of Athens, Children's Hospital Aghia Sophia, Athens, Greece, <u>elena@tsitsamis.gr</u>	
Fakas Nikolaos	MD, PhD, Neurologist, Head of Neurology Department 401 General Military Hospital of Athens, <mark>drfakas@yahoo.g</mark> r	
Christidi Fotini	Clinical Neuropsychologist, MSc, PhD candidate, Scientific Associate, A' Department of Neurology, Aeginition Hospital, Medical School, National & Kapodistrian University, Athens, Greece, christidi.f.a@gmail.com	
Orologas Anastasios	MD, PhD, Professor of Neurology, Aristotle University of Thessaloniki, Head, A' University Dept., of Neurology, AHEPA Hospital, Thessaloniki, Greece, orologas@med.auth.gr	

1st PANHELLENIC INTERDISCIPLINARY CONGRESS ON PEDIATRIC AND ADOLESCENT MULTIPLE SCLEROSIS «Dialogues of Hellenic Neuroscientists on Pediatric and Adolescent Multiple Sclerosis»



# **GENERAL INFORMATION**

### **Congress Venue**

Royal Olympic Hotel 28-34 Athanasiou Diakou Str. 117 43, Athens, GREECE Tel.: +30 210 92.88.400

### Dates

16-18 January 2014

### Language

The official language of the Congress is Greek Bilingual translation will be provided

### **Registration Cost**

Doctors	100€
Junior Doctors	Free
Nurses/ Technicians	Free
Medical Students	Free

### **Congress Secretariat**



E.T.S. Events & Travel Solutions A.E. 154 El. Venizelou Str., N. Smyrni, Athens, Greece, 171 22 Tel.: +30 210 98 80 032, Fax.: +30 210 98 81 303 E-mail: ets@events.gr, ets@otenet.gr, Website: www.events.gr

#### **Cover artwork:** Spyros Poulimenos

19