



First Department of Pediatrics
Choremeion Research Laboratories
University of Athens

Chairman: Professor **G. Chrousos** MD, FAAP, MACP, MACE, MD(Hon)

ESPE
European Society for
Paediatric Endocrinology

**ESPE Science School (ESS)
May 16-20, 2012 - Heraklio, Crete, Greece**

November 27, 2011

Dear ESPE member,

RE: Call for ESS Student applications

This is our annual call for ESPE members to have their younger colleagues apply for ESS, including the NICHe Conference, which will be on “**Stress Response and Child Health**” in May 16-20, 2012 in Heraklio, Crete, Greece.

Applicants for ESS can be postdoctoral fellows, last year PhD students or young research faculty in Pediatric Endocrinology within 5 years of their fellowship or PhD.

The program (attached) is based on core lectures (marked by C), research concepts (R) and new technologies (N), as well as projects’ presentation and discussion by the students, and practical exercise in reviewing an article.

ESS will cover travel and participation costs.

Applications should include a letter of application, CV and a letter by the direct supervisor, and should be submitted to the Conference Organizer, Mr. Kavadias, by email only [KKavadias@era.gr] until January 10th, 2012. Decisions will be announced by January 31st, 2012.

On behalf of the Organizing Committee

George P. Chrousos, MD, MACP, MACE, FRCP (London)
ESPE Science School Coordinator

Organizing Committee

George P. Chrousos
Evangelia Charmandari
Wiley Vale
Jean-Claude Carel
John Achermann
Olle Söder

Conference Organizer

Mr. Kostas Kavadias
ERA Ltd

e-mail: info@era.gr



First Department of Pediatrics
Choremeion Research Laboratories
University of Athens

Chairman: Professor **G. Chrousos** MD, FAAP, MACP, MACE, MD(Hon)

ESPE
European Society for
Paediatric Endocrinology

ESPE Science School (ESS) May 16-20, 2012 - Heraklio, Crete, Greece

Scientific Program

C - Core lectures, R - Research concepts, N - New technologies

Wednesday, May 16

- 08.45-09.00 Opening, George P. Chrousos
- 09.00-09.45 R Linking the CNS to the endocrine system
George Chrousos (Athens, Greece)
- 09.45-10.30 R Evolutionary Medicine, *Ze'ev Hochberg (Haifa, Israel)*
- 10.30-11.00 *Break*
- 11.00-11.45 C Epidemiology, *Jean-Claude Carel (Paris, France)*
- 11.45-12.30 R New insights into steroidogenesis, *John Achermann (London, UK)*
- 12.30-14.00 *Lunch*
- 14.00-14.45 N A genome wide approach to studying nuclear receptor actions
John Cidlowski (NC, USA)
- 14.45-15.30 N Dissecting the molecular basis of 17,20-lyase deficiency
Walter Miller (San Francisco, CA, USA)

Organizing Committee

George P. Chrousos
Evangelia Charmandari
Wiley Vale
Jean-Claude Carel
John Achermann
Olle Söder

Conference Organizer

Mr. Kostas Kavadias
ERA Ltd

e-mail: info@era.gr

15.30-16.00		<i>Break</i>
16.00-16.45		Projects discussion, students in groups
16.45-17.30	R	Endocrine disruptors, <i>Olle Soder (Stockholm, Sweden)</i>
17.30-18.00		<i>Break</i>
18.00-18.45		Projects discussion, students in groups
18.45-19.30	C	Designing a clinical trial <i>Anita Hokken-Koelega (Amersfoort, The Netherlands)</i>
19.30		<i>Dinner</i>

Thursday, May 17

09.00-09.45	C	Designing a basic science research project <i>Andreas Margioris (Heraklio, Greece)</i>
09.45-10.30		Reviewing an article, students in groups
10.30-11.00		<i>Break</i>
11.00-11.45	N	Strategies to detect a new gene and prove its importance <i>Mehul Dattani (London, UK)</i>
11.45-12.30	C	Career development, <i>Olle Soder (Stockholm, Sweden)</i>
12.30-14.00		<i>Lunch</i>
14.00-14.45	R	Cross-talk between neurosteroids and neurotrophins in brain development and aging, <i>Achilleas Gravanis (Heraklio, Greece)</i>
14.45-15.30	N	Assessing neurosteroid function <i>in vivo</i> and <i>in vitro</i> <i>Synthia Mellon (San Francisco, CA, USA)</i>
15.30-16.15	N	How to develop a new hormone, <i>Wiley Vale (La Jolla, CA, USA)</i>
16.15-16.45		<i>Break</i>

Organizing Committee

George P. Chrousos
Evangelia Charmandari
Wiley Vale
Jean-Claude Carel
John Achermann
Olle Söder

Conference Organizer

Mr. Kostas Kavadias
ERA Ltd

e-mail: info@era.gr

- 16.45-17.30 R Recent advances in glucocorticoid receptor research
Tomoshige Kino (Bethesda, MD, USA)
- 17.30-18.15 C How to write and appraise a scientific paper
Nancy Gough (Washington DC, USA)
- 18.15 Course summary, George Chrousos
- 19.30 *Dinner*

Friday - Sunday, May 18-20

NICHe Conference: Stress Response and Child Health

Organizing Committee

George P. Chrousos
Evangelia Charmandari
Wiley Vale
Jean-Claude Carel
John Achermann
Olle Söder

Conference Organizer

Mr. Kostas Kavadias
ERA Ltd

e-mail: info@era.gr



First Department of Pediatrics
Choremeion Research Laboratories
University of Athens

Chairman: Professor **G. Chrousos** MD, FAAP, MACP, MACE, MD(Hon)

ESPE
European Society for
Paediatric Endocrinology

NICHe Conference 'Stress Response and Child Health'

Friday, May 18

SESSION 1: INTRODUCTION

- 08.45-09.00 Opening, George P. Chrousos
- 09.00-10.00 Concepts of stress and neuroendocrinology of the stress response
George P. Chrousos (Athens, Greece)
- 10.00-11.00 Stress-system disorders: Overview of behavioral homeostasis
Gold PW (Bethesda, MD, USA)
- 11.00-11.30 *Break*
- 11.30-12.30 Evolutionary perspective in the stress response
Ze'ev Hochberg (Haifa, Israel)
- 12.30-14.00 *Lunch*

SESSION 2: ENDOCRINOLOGY OF THE STRESS RESPONSE

- 14.00-15.00 The CRF family of peptides and their role in stress responsiveness and behavior
Wylie W. Vale (La Jolla, CA, USA)

Organizing Committee

George P. Chrousos
Evangelia Charmandari
Wiley Vale
Jean-Claude Carel
John Achermann
Olle Söder

Conference Organizer

Mr. Kostas Kavadias
ERA Ltd

e-mail: info@era.gr

- 15.00-16.00 Glucocorticoid receptor isoforms and the networks of glucocorticoid actions
John Cidlowski (NC, USA)
- 16.00-16.30 *Break*
- 16.30-17.30 Alterations in the circadian rhythm of glucocorticoid secretion: Potential clinical implications
Tomoshige Kino (Bethesda, MD, USA)
- 17.30-18.30 Alterations in the ultradian glucocorticoid secretion: Implications for GR-mediated gene transcription
Gordon Hager (Bethesda, MD, USA)
- 19.30 *Dinner*

Saturday, May 19

- 09.00-10.00 P450 oxidoreductase deficiency: A new disorder of steroidogenesis with multiple clinical manifestations
Walter Miller (San Francisco, CA, USA)
- 10.00-11.00 Allopregnanolone: Neurosteroids as regulators of stress
Synthia Mellon (San Francisco, CA, USA)
- 11.00-11.30 *Break*

SESSION 3: EFFECTS OF CHRONIC HYPERACTIVATION OR HYPOACTIVATION OF THE STRESS SYSTEM

- 11.30-12.30 The effects of acute and chronic stress on growth
Lars Sävendahl (Stockholm, Sweden)
- 12.30-14.00 *Lunch*

Organizing Committee

George P. Chrousos
Evangelia Charmandari
Wiley Vale
Jean-Claude Carel
John Achermann
Olle Söder

Conference Organizer

Mr. Kostas Kavadias
ERA Ltd

e-mail: info@era.gr

- 14.00-15.00 The effects of acute and chronic stress on puberty/reproduction
Jean Claude Carel (Paris, France)
- 15.00-16.00 Stress and cognition
Seckl JR (Edinburgh, UK)
- 16.00-16.30 *Break*
- 16.30-17.30 Long-term effects of social status and psychological stress on health and
longevity
M.G. Marmot (London, UK)
- 17.30-18.30 The effects of acute and chronic stress on diabetic control
Franco Chiarelli (Chieti, Italy)
- 19.30 *Dinner*

Sunday, May 20

- 09.00-10.00 Stress and Sleep
Alexandros Vgontzas (Hershey, PA, USA)
- 10.00-11.00 Primary Generalized Glucocorticoid Resistance and Hypersensitivity
States: The End-organ Involvement in the Stress Response
Evangelia Charmandari (Athens, Greece)
- 11.00-11.30 *Break*
- 11.30-12.30 Effects of intrauterine stress exposure on long-term human health and
disease risk outcomes: focus on metabolism, HPA function, immunity,
cognition and cellular aging
Pathic Wadhwa (Irvine, CA, USA)
- 12.30-13.00 Concluding Remarks - George Chrousos

Organizing Committee

George P. Chrousos
Evangelia Charmandari
Wiley Vale
Jean-Claude Carel
John Achermann
Olle Söder

Conference Organizer

Mr. Kostas Kavadias
ERA Ltd

e-mail: info@era.gr

ESPE Science School (ESS)

May 16-20, 2012 - Heraklio, Crete, Greece

Supported by an educational grant by **Pfizer Health care**


First Department of Pediatrics
Choremeion Research Laboratories
University of Athens
Chairman: Professor **G. Chrousos** MD, FAAP, MACP, MACE, MD(Hon)


European Society for
Paediatric Endocrinology

APPLICATION FOR REGISTRATION

Please type or use block letters and return this form to the Meeting Secretariat:



ERA Ltd., 17, Asklipiou Str. 106 80, Athens - Greece, Tel.: +30 210 3634 944, Fax: +30 210 3631 690, E-mail: info@era.gr Web Site: www.era.gr

PERSONAL INFORMATION

Family name: First name(s):.....

Title: Prof. Dr. Mr. Ms. Date of birth:

Contact Address / University:.....

Hospital: Department:

City: Zip code: Country:

Tel: Mobile Tel. Number: Fax:

E-mail*:.....

Qualifications:

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

5 most important papers:

1.
2.
3.
4.
5.

Scholarly achievements:

.....

.....

* Please fill in legibly to avoid time consuming correspondence. **All correspondence will be made via e-mail.**

I do / I do not allow giving my address details to third parties.

In case your application is approved ESS will cover travel and participation costs therefore please fill the below boxes.

TRAVEL INFORMATION	
Departure date/time	
Return date/time	
Airport you wish to depart from	
Airline company you prefer	1st choice:
	2nd choice:
Your air ticket will be issued by ERA LTD and will be sent to you by courier or electronically, up to May 1st, 2012	

ACCOMMODATION INFORMATION

<input type="checkbox"/> Double room FOR SINGLE USE
Check in date: _____ Check out date: _____
Notes: _____

Applications are to include **this letter of application, a CV and a letter by the direct supervisor**, and be submitted to the meeting secretariat by email only, at info@era.gr by January 10th, 2012. Decisions will be announced by January 31st, 2012.

Signature

Date:...../...../.....



First Department of Pediatrics
Choremeion Research Laboratories
University of Athens
Chairman: Professor **G. Chrousos** MD, FAAP, MACP, MACE, MD(Hon)

ESPE
European Society for
Paediatric Endocrinology

NICHe Conference
‘Stress Response and Child Health’
May 18-20, 2012 - Heraklio, Crete, Greece

December 1, 2011

Dear Colleagues and friends ESPE members,

It is a pleasure to invite you to participate in the 2012 **New Inroads to Child Health (NICHe) Conference** (<http://www.eurospe.org/meetings/NiCHE.html>) on May 18-20, 2012, in Crete, on the topic **STRESS RESPONSE AND CHILD HEALTH**.

This is the fifth in ESPE series of high-profile conferences devoted to future research directions in child health. The series is based on our conviction that it is the responsibility of those of us involved in today's biomedical research enterprise to translate the remarkable scientific innovations we are witnessing into health gains for children.

The Scientific Committee is pleased to invite those interested to register with the Conference Organizer Mr. Kostas Kavadias [kkavadias@era.gr] before January 10th, 2012. Twenty five slots are available for ESPE members on a first-come, first-served basis.

For participants the conference will cover the cost of scientific sessions, registration, accommodation and provision of meals. Travel expenses are not covered by the conference organization.

We look forward to see you in Crete.

On behalf of the scientific committee

George P. Chrousos, MD, MACP, MACE, FRCP (London)
Professor and Chairman, First Department of Pediatrics
University of Athens Medical School
Athens 115 27, Greece

Organizing Committee

George P. Chrousos
Evangelia Charmandari
Wiley Vale
Jean-Claude Carel
John Achermann
Olle Söder

Conference Organizer

Mr. Kostas Kavadias
ERA Ltd

e-mail: info@era.gr



First Department of Pediatrics
Choremeion Research Laboratories
University of Athens

Chairman: Professor **G. Chrousos** MD, FAAP, MACP, MACE, MD(Hon)

ESPE
European Society for
Paediatric Endocrinology

NICHe Conference 'Stress Response and Child Health'

Scientific Program

Friday, May 18

<i>SESSION 1:</i>	<i>INTRODUCTION</i>
08.45-09.00	Opening, George P. Chrousos
09.00-10.00	Concepts of stress and neuroendocrinology of the stress response <i>George P. Chrousos (Athens, Greece)</i>
10.00-11.00	Stress-system disorders: Overview of behavioral homeostasis <i>Gold PW (Bethesda, MD, USA)</i>
11.00-11.30	<i>Break</i>
11.30-12.30	Evolutionary perspective in the stress response <i>Ze'ev Hochberg (Haifa, Israel)</i>
12.30-14.00	<i>Lunch</i>

Organizing Committee

George P. Chrousos
Evangelia Charmandari
Wiley Vale
Jean-Claude Carel
John Achermann
Olle Söder

Conference Organizer

Mr. Kostas Kavadias
ERA Ltd

e-mail: info@era.gr

SESSION 2: ENDOCRINOLOGY OF THE STRESS RESPONSE

- 14.00-15.00 The CRF family of peptides and their role in stress responsiveness and behavior
Wylie W. Vale (La Jolla, CA, USA)
- 15.00-16.00 Glucocorticoid receptor isoforms and the networks of glucocorticoid actions
John Cidlowski (NC, USA)
- 16.00-16.30 *Break*
- 16.30-17.30 Alterations in the circadian rhythm of glucocorticoid secretion: Potential clinical implications
Tomoshige Kino (Bethesda, MD, USA)
- 17.30-18.30 Alterations in the ultradian glucocorticoid secretion: Implications for GR-mediated gene transcription
Gordon Hager (Bethesda, MD, USA)
- 19.30 *Dinner*

Saturday, May 19

- 09.00-10.00 P450 oxidoreductase deficiency: A new disorder of steroidogenesis with multiple clinical manifestations
Walter Miller (San Francisco, CA, USA)
- 10.00-11.00 Allopregnanolone: Neurosteroids as regulators of stress
Synthia Mellon (San Francisco, CA, USA)
- 11.00-11.30 *Break*

Organizing Committee

George P. Chrousos
Evangelia Charmandari
Wiley Vale
Jean-Claude Carel
John Achermann
Olle Söder

Conference Organizer

Mr. Kostas Kavadias
ERA Ltd

e-mail: info@era.gr

SESSION 3: EFFECTS OF CHRONIC HYPERACTIVATION OR HYPOACTIVATION OF THE STRESS SYSTEM

- 11.30-12.30 The effects of acute and chronic stress on growth
Lars Sävendahl (Stockholm, Sweden)
- 12.30-14.00 *Lunch*
- 14.00-15.00 The effects of acute and chronic stress on puberty/reproduction
Jean Claude Carel (Paris, France)
- 15.00-16.00 Stress and cognition
Seckl JR (Edinburgh, UK)
- 16.00-16.30 *Break*
- 16.30-17.30 Long-term effects of social status and psychological stress on health and longevity
M.G. Marmot (London, UK)
- 17.30-18.30 The effects of acute and chronic stress on diabetic control
Franco Chiarelli (Chieti, Italy)
- 19.30 *Dinner*

Sunday, May 20

- 09.00-10.00 Stress and Sleep
Alexandros Vgontzas (Hershey, PA, USA)
- 10.00-11.00 Primary Generalized Glucocorticoid Resistance and Hypersensitivity States: The End-organ Involvement in the Stress Response
Evangelia Charmandari (Athens, Greece)
- 11.00-11.30 *Break*

Organizing Committee

George P. Chrousos
Evangelia Charmandari
Wiley Vale
Jean-Claude Carel
John Achermann
Olle Söder

Conference Organizer

Mr. Kostas Kavadias
ERA Ltd

e-mail: info@era.gr

- 11.30-12.30 Effects of intrauterine stress exposure on long-term human health and disease risk outcomes: focus on metabolism, HPA function, immunity, cognition and cellular aging
Pathic Wadhwa (Irvine, CA, USA)
- 12.30-13.00 Concluding Remarks - George Chrousos

Organizing Committee

George P. Chrousos
Evangelia Charmandari
Wiley Vale
Jean-Claude Carel
John Achermann
Olle Söder

Conference Organizer

Mr. Kostas Kavadias
ERA Ltd

e-mail: info@era.gr