

Καθηγήτρια Παιδιατρικής – Παιδιατρικής και Εφηβικής Ενδοκρινολογίας
Μονάδα Ενδοκρινολογίας, Μεταβολισμού και Διαβήτη
Α' Παιδιατρική Κλινική
Ιατρική Σχολή Εθνικού & Καποδιστριακού Πανεπιστημίου Αθηνών
Νοσοκομείο Παιδων 'Η Αγία Σοφία'
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ΤΙΤΛΟΙ ΣΠΟΥΔΩΝ – ΕΙΔΙΚΟΤΗΤΕΣ

- **Πιστοποιητικό Ολοκλήρωσης της Εκπαίδευσης στην Παιδιατρική Ενδοκρινολογία**
Certificate of Completion of Specialist Training in Pediatric Endocrinology
Royal College of Paediatrics and Child Health, London, United Kingdom
Χορηγήθηκε: 5 Σεπτεμβρίου, 2005
- **Πιστοποιητικό Ολοκλήρωσης της Εκπαίδευσης στην Γενική Παιδιατρική**
Certificate of Completion of Specialist Training in General Pediatrics
Royal College of Paediatrics and Child Health, London, United Kingdom
Χορηγήθηκε: 5 Σεπτεμβρίου, 2005
- **Διδακτορικό Δίπλωμα Παιδιατρικής Ενδοκρινολογίας**
London Centre for Paediatric Endocrinology
University of London, London, United Kingdom
Τίτλος Διατριβής: 'Congenital Adrenal Hyperplasia: The Influence of Puberty on Cortisol Pharmacokinetics'
Επιβλέποντες Καθηγητές: Professor Charles G. D. Brook, Professor Peter C. Hindmarsh
Χορηγήθηκε: 31 Ιουλίου, 2001
- **Master of Science in Clinical Pediatrics**
University of London, London, United Kingdom
Χορηγήθηκε: 1 Νοεμβρίου, 1998
- **Ειδικότητα Παιδιατρικής**
Α' Πανεπιστημιακή Παιδιατρική Κλινική
Αριστοτέλειο Πανεπιστήμιο Θεσσαλονίκης
Χορηγήθηκε: 21 Νοεμβρίου, 1996
- **Membership of Royal College of Physicians [MRCP (UK)], Part II**
London, United Kingdom
Χορηγήθηκε: 25 Ιουνίου, 1996
- **Membership of Royal College of Physicians [MRCP (UK)], Part I**
London, United Kingdom
Χορηγήθηκε: 12 Ιουλίου, 1994

ΥΠΟΤΡΟΦΙΕΣ – ΒΡΑΒΕΙΑ

- **Υποτροφία ΙΚΥ** 1983, 1984, 1985, 1986, 1987, 1988
- **Clinical Fellows Travel Grant Award** The Endocrine Society
June 2002, San Francisco, California, USA
- **Henning Andersen Prize** European Society for Pediatric Endocrinology
June 2007, Helsinki, Finland
- **Βραβείο 1^ο Ερευνητικού Πρωτοκόλλου στην Παιδοενδοκρινολογία** Ελληνική Ενδοκρινολογική Εταιρεία
Αθήνα, 2010
- **Βραβείο 1^ο Ερευνητικού Πρωτοκόλλου στην Παιδοενδοκρινολογία** Ελληνική Ενδοκρινολογική Εταιρεία
Αθήνα, 2012
- **Βραβείο ‘Φαρμακιώτη’ (καλύτερη αναρτημένη ανακοίνωση)** Ελληνική Ενδοκρινολογική Εταιρεία
Αθήνα, 2013
- **Βραβείο ‘Ίκκου’ (καλύτερη δημοσιευμένη εργασία στην Κλινική Έρευνα)** Ελληνική Ενδοκρινολογική Εταιρεία
Αθήνα, 2016
- **Βραβείο Βασικής Έρευνας (καλύτερη δημοσιευμένη εργασία στην Βασική Έρευνα)** Ελληνική Ενδοκρινολογική Εταιρεία
Αθήνα, 2016
- **Health Care Business Awards** Βραβείο e-Health – Ψηφιακές εφαρμοφές για την ολοκληρωμένη φροντίδα ασθενών

ΑΚΑΔΗΜΑΪΚΗ ΕΚΠΑΙΔΕΥΣΗ

1982 – 1988:

ΙΑΤΡΙΚΗ ΣΧΟΛΗ
ΑΡΙΣΤΟΤΕΛΕΙΟ ΠΑΝΕΠΙΣΤΗΜΙΟ
ΘΕΣΣΑΛΟΝΙΚΗ, ΕΛΛΑΔΑ

Πτυχίο Ιατρικής (Άριστα)

Σεπτ. 1996 – Σεπτ. 1998:

UNIVERSITY OF LONDON
LONDON, UNITED KINGDOM

Μάστερ Επιστημών στην Κλινική Παιδιατρική

Σεπτ. 1998 – Νοεμβ. 2000:

**LONDON CENTRE FOR PAEDIATRIC ENDOCRINOLOGY
AND METABOLISM
GREAT ORMOND STREET HOSPITAL FOR CHILDREN
& THE MIDDLESEX HOSPITAL
UNIVERSITY COLLEGE LONDON, UNIVERSITY OF LONDON
LONDON, UNITED KINGDOM**

Δίπλωμα Διαδακτορικής Διατριβής

Δεκ. 2000 – Σεπτ. 2004:

**PEDIATRIC AND REPRODUCTIVE ENDOCRINOLOGY BRANCH
NATIONAL INSTITUTE OF CHILD HEALTH
AND HUMAN DEVELOPMENT
NATIONAL INSTITUTES OF HEALTH
BETHESDA, MARYLAND, USA**

Μεταδιδακτορική Ερευνήτρια

ΠΑΡΟΥΣΑ ΘΕΣΗ

- Καθηγήτρια Παιδιατρικής – Παιδιατρικής και Εφηβικής Ενδοκρινολογίας
Μονάδα Ενδοκρινολογίας, Μεταβολισμού και Διαβήτη
Ιατρική Σχολή Εθνικού και Καποδιστριακού Πανεπιστημίου Αθηνών
Α' Παιδιατρική Κλινική, Νοσοκομείο Παίδων 'Αγία Σοφία'

ΣΥΝΤΟΜΗ ΚΛΙΝΙΚΗ ΚΑΙ ΕΡΕΥΝΗΤΙΚΗ ΕΜΠΕΙΡΙΑ

1. ΚΛΙΝΙΚΗ, ΔΙΔΑΚΤΙΚΗ & ΕΡΕΥΝΗΤΙΚΗ ΕΜΠΕΙΡΙΑ ΣΤΗΝ ΠΑΙΔΙΑΤΡΙΚΗ ΚΑΙ ΕΦΗΒΙΚΗ ΕΝΔΟΚΡΙΝΟΛΟΓΙΑ

- **Καθηγήτρια Παιδιατρικής – Παιδιατρικής και Εφηβικής Ενδοκρινολογίας**
Μονάδα Ενδοκρινολογίας, Μεταβολισμού και Διαβήτη
Ιατρική Σχολή ΕΚΠΑ, Νοσοκομείο Παίδων 'Η Αγία Σοφία', Αθήνα
3 Δεκεμβρίου, 2015 – Σήμερα
- **Αν. Καθηγήτρια Παιδιατρικής και Εφηβικής Ενδοκρινολογίας**
Μονάδα Ενδοκρινολογίας, Μεταβολισμού και Διαβήτη
Ιατρική Σχολή ΕΚΠΑ, Νοσοκομείο Παίδων 'Η Αγία Σοφία', Αθήνα
2 Φεβρουαρίου, 2010 – 2 Δεκεμβρίου 2015

Μονάδα Ενδοκρινολογίας και Μεταβολισμού
Ευγενίδειο Θεραπευτήριο, Αθήνα
1 Νοεμβρίου, 2007 – 1 Νοεμβρίου 2012

- **Διευθύντρια Παιδιατρικής και Εφηβικής Ενδοκρινολογίας**
St. James's University Hospital and Leeds General Infirmary, Leeds, United Kingdom
24 Ιουλίου, 2006 – 16 Απριλίου, 2007
- **Επιμελήτρια στην Παιδιατρική και Εφηβική Ενδοκρινολογία**
London Centre for Paediatric Endocrinology and Metabolism
Great Ormond Street Hospital for Children, The Middlesex Hospital and
University College Hospital, University College London, London, United Kingdom
1 Σεπτεμβρίου, 1997 – 30 Νοεμβρίου, 2000 και 6 Σεπτεμβρίου, 2004 – 5 Μαρτίου, 2006
(4 χρόνια και 9 μήνες, Πλήρης απασχόληση)

2. ΕΡΕΥΝΗΤΙΚΗ ΕΜΠΕΙΡΙΑ ΣΤΗΝ ΚΛΙΝΙΚΗ ΚΑΙ ΜΟΡΙΑΚΗ ΕΝΔΟΚΡΙΝΟΛΟΓΙΑ

- **Ερευνήτρια στην Ενδοκρινολογία και Μεταβολικά Νοσήματα**
Μονάδα Ενδοκρινολογίας και Μεταβολισμού
Ίδρυμα Ιατροβιολογικών Ερευνών της Ακαδημίας Αθηνών
1 Ιουνίου, 2007 – Σήμερα
- **Μεταδιδακτορική Ερευνήτρια στην Κυτταρική Βιολογία και Μοριακή Ενδοκρινολογία**
Pediatric and Reproductive Endocrinology Branch
National Institute of Child Health and Human Development
National Institutes of Health, Bethesda, Maryland, USA
1 Δεκεμβρίου, 2000 – 3 Σεπτεμβρίου, 2004 και 5 Μαΐου, 2006 – 15 Ιουλίου, 2006
(4 χρόνια, Πλήρης απασχόληση)
- **Διδακτορική Ερευνήτρια στην Παιδιατρική και Εφηβική Ενδοκρινολογία**
London Centre for Paediatric Endocrinology and Metabolism
Great Ormond Street Hospital for Children and The Middlesex Hospital
University College London, London, United Kingdom
1 Σεπτεμβρίου, 1998 – 30 Νοεμβρίου 2000 (2 χρόνια και 3 μήνες, Πλήρης απασχόληση)

3. ΚΛΙΝΙΚΗ ΕΜΠΕΙΡΙΑ ΣΤΗΝ ΓΕΝΙΚΗ ΠΑΙΔΙΑΤΡΙΚΗ

- **Επιμελήτρια στην Γενική Παιδιατρική**
Basildon Hospital, Basildon, and Queen Elizabeth Hospital for Children
London, United Kingdom
1 Σεπτεμβρίου, 1995 – 31 Αυγούστου 1997 (2 χρόνια, Πλήρης απασχόληση)
 - **Ειδικευόμενη στην Γενική Παιδιατρική**
Alder Hey Children's Hospital, Withington Hospital, Hope Hospital, Preston Royal Hospital
and Pontefract General Infirmary, United Kingdom
1 Αυγούστου 1992 – 31 Αυγούστου 1995 (3 χρόνια, Πλήρης απασχόληση)
- Νοσοκομείο Λοιμωδών Νοσημάτων Θεσσαλονίκης
17 Ιουλίου, 1990 – 16 Ιουλίου 1992 (2 χρόνια, Πλήρης απασχόληση)

A. Δημοσιεύσεις σε Διεθνή Περιοδικά του SCI

1. Charmandari E, Brook CGD. 20 years of experience in idiopathic central diabetes insipidus. *Lancet* 1999; 353 (9171): 2212-2213.
2. Koziell A, Charmandari E, Hindmarsh PC, Scambler P, Brook CGD. Frasier syndrome and the Wilm's tumour suppressor Gene. *Clinical Endocrinology (Oxford)* 2000; 52(4): 519-524.
3. Charmandari E, Meadows N, Patel M, Johnston A, Benjamin N. Plasma nitrate concentrations in patients with infective and non-infective enteritis. *Journal of Pediatric Gastroenterology and Nutrition* 2001; 32(4): 423-427.
4. Charmandari E. Is hydrocortisone clearance 50% slower in the evening than in the morning? *Journal of Clinical Endocrinology & Metabolism* 2001; 86(2): 948-949.
5. Charmandari E, Johnston A, Brook CGD, Hindmarsh PC. Bioavailability of oral hydrocortisone in patients with congenital adrenal hyperplasia. *Journal of Endocrinology* 2001; 169(1): 65-70.
6. Charmandari E, Hindmarsh PC, Johnston A, Brook CGD. Alterations in cortisol pharmacokinetics at puberty. *Journal of Clinical Endocrinology & Metabolism* 2001; 86(6): 2701-2708.
7. Charmandari E, Lichtarowicz-Krynska E, Hindmarsh PC, Aynsley-Green A, Brook CGD. Congenital adrenal hyperplasia: management during critical illness. *Archives of Disease in Childhood* 2001; 85(1): 26-28.
8. Charmandari E, Pincus SM, Matthews DR, Dennison E, Fall CHD, Hindmarsh PC. Joint growth hormone and cortisol spontaneous secretion is more asynchronous in older females than their male counterparts. *Journal of Clinical Endocrinology & Metabolism* 2001; 86(7): 3393-3399.
9. Charmandari E, Matthews DR, Johnston A, Brook CGD, Hindmarsh PC. Serum cortisol and 17-hydroxyprogesterone interrelation in classic 21-hydroxylase deficiency: Is current replacement therapy satisfactory? *Journal of Clinical Endocrinology & Metabolism* 2001; 86(10): 4679-4685.
10. Charmandari E, Dattani MT, Perry LA, Hindmarsh PC, Brook CGD. Kinetics and effect of percutaneous administration of dihydrotestosterone in children. *Hormone Research* 2001; 56(5-6): 177-181.
11. Charmandari E, Brook CGD, Hindmarsh PC. Why is management of patients with classical congenital adrenal hyperplasia more difficult at puberty? *Archives of Disease in Childhood* 2002; 86(4): 266-269.
12. Charmandari E, Weise M, Bornstein SR, Eisenhofer G, Keil MF, Chrousos GP, Merke DP. Children with classic congenital adrenal hyperplasia have elevated serum leptin concentrations and insulin resistance: Potential clinical implications. *Journal of Clinical Endocrinology & Metabolism* 2002; 87(5): 2114-2120.

13. Charmandari E, Pincus SM, Matthews DR, Johnston A, Brook CGD, Hindmarsh PC. Oral hydrocortisone administration in children with classic 21-hydroxylase deficiency leads to more synchronous joint GH and cortisol Secretion. *Journal of Clinical Endocrinology & Metabolism* 2002; 87(5): 2238-2244.
14. Charmandari E, Johnston A, Honour JW, Brook CGD, Hindmarsh PC. Treatment with flutamide decreases cortisol clearance: implications for therapy in congenital adrenal hyperplasia. *Journal of Pediatric Endocrinology & Metabolism* 2002; 15(4): 435-439.
15. Charmandari E, Eisenhofer G, Mehlinger SL, Carlson A, Wesley R, Keil MF, Chrousos GP, New MI, Merke DP. Adrenomedullary function may predict phenotype and genotype in classic 21-hydroxylase deficiency. *Journal of Clinical Endocrinology & Metabolism* 2002; 87(7): 3031-3037.
16. Charmandari E, Calis KA, Keil MF, Mohassel MR, Remaley A, Merke DP. Flutamide decreases cortisol clearance in patients with congenital adrenal hyperplasia. *Journal of Clinical Endocrinology & Metabolism* 2002; 87(7): 3197-3200.
17. Kino T, Vottero A, Charmandari E, Chrousos GP. Familial/sporadic glucocorticoid resistance syndrome and hypertension. *Annals of the New York Academy of Sciences* 2002; 970: 101-111.
18. Spoudeas HA, Charmandari E, Brook CGD. Hypothalamo-pituitary-adrenal axis integrity after radiotherapy for childhood posterior fossa tumours. *Medical and Pediatric Oncology* 2003; 40(4): 224-229.
19. Charmandari E, Kino T, Souvatzoglou E, Chrousos GP. Pediatric stress: Hormonal mediators and stress response. *Hormone Research* 2003; 59(4): 161-179.
20. Roche E, Charmandari E, Dattani MT, Hindmarsh PC. Blood pressure in children and adolescents with congenital adrenal hyperplasia (21-hydroxylase deficiency) – A preliminary report. *Clinical Endocrinology (Oxford)* 2003; 58(5): 589-596.
21. Kino T, DeMartino M, Charmandari E, Mirani M, Chrousos GP. Tissue glucocorticoid resistance/hypersensitivity syndromes. *Journal of Steroid Biochemistry and Molecular Biology* 2003; 85(2-5): 457-467.
22. Charmandari E, Pincus SM, Matthews DR, Johnston A, Brook CGD, Hindmarsh PC. Sexual dimorphism in the synchrony of joint growth hormone and cortisol secretion in children with classic 21-hydroxylase deficiency. *Journal of Pediatric Endocrinology & Metabolism* 2003; 16(8): 1119-1130.
23. Kino T, Charmandari E, Chrousos GP. Basic and clinical implications of glucocorticoid action – Focus on development: Conference Proceedings. *Hormone and Metabolic Research* 2003; 35(10): 628-648.
24. Chrousos GP, Charmandari E, Kino T. Glucocorticoid action networks: An introduction to systems biology. *Journal of Clinical Endocrinology & Metabolism* 2004; 89(2): 563-564.

25. Weise M, Mehlinger SL, Drinkard B, Rawson E, Charmandari E, Hiroi M, Eisenhofer G, Yanovski J, Chrousos GP, Merke DP. Patients with classic congenital adrenal hyperplasia have decreased epinephrine reserve and defective glucose elevation in response to high intensity exercise. *Journal of Clinical Endocrinology & Metabolism* 2004; 89(2): 591-597.
26. Charmandari E, Kino T, Vottero A, Souvatzoglou E, Bhattacharyya N, Chrousos GP. Natural glucocorticoid receptor mutants causing generalized glucocorticoid resistance: molecular genotype, genetic transmission and clinical phenotype. *Journal of Clinical Endocrinology & Metabolism* 2004; 89(4): 1939-1949.
27. Charmandari E, Merke DP, Negro PJ, Keil MF, Martinez PE, Haim A, Gold PW, Chrousos GP. Endocrinologic and psychologic evaluation of 21-hydroxylase deficiency carriers and matched normal subjects: evidence for physical and/or psychologic vulnerability to stress. *Journal of Clinical Endocrinology & Metabolism* 2004; 89(5): 2228-2236.
28. Charmandari E, Kino T, Chrousos GP. Glucocorticoids and their actions. *Annals of the New York Academy of Sciences* 2004; 1024: 1-8.
29. Charmandari E, Kino T, Chrousos GP. Familial/Sporadic glucocorticoid resistance: Clinical phenotype and molecular mechanisms. *Annals of the New York Academy of Sciences* 2004; 1024: 168-181.
30. Weise M, Mehlinger SL, Drinkard B, Rawson E, Charmandari E, Chrousos GP, Merke DP. Stress dose of hydrocortisone is not beneficial in patients with classic congenital adrenal hyperplasia undergoing short-term high-intensity exercise. *Journal of Clinical Endocrinology & Metabolism* 2004; 89(8): 3670-3684.
31. Charmandari E, Brook CGD, Hindmarsh PC. Classic congenital adrenal hyperplasia and puberty. *European Journal of Endocrinology* 2004; 151 Suppl 3: U77-82.
32. Charmandari E, Chrousos GP, Ichijo T, Bhattacharyya N, Vottero A, Souvatzoglou E, Kino T. The human glucocorticoid receptor (GR) β isoform suppresses the transcriptional activity of GR α by interfering with formation of active coactivator complexes. *Molecular Endocrinology* 2005; 19(1): 52-64.
33. Kino T, DeMartino MU, Charmandari E, Outas T, Ichijo T, Pavlakis GN, Chrousos GP. The human immunodeficiency virus type-1 (HIV-1) accessory protein Vpr inhibits the effect of insulin on the Foxo subfamily of Forkhead transcription factors by interfering with their binding to 14-3-3 proteins: Potential clinical implications regarding the insulin resistance of HIV-1-infected patients. *Diabetes* 2005; 54(1): 23-31.
34. Charmandari E, Chrousos GP, Merke DP. Pituitary adenoma with adrenocorticotropin hypersecretion following bilateral adrenalectomy in a patient with classic 21-hydroxylase deficiency. *Journal of Pediatric Endocrinology & Metabolism* 2005; 18(1): 97-101.
35. Charmandari E, Tsigos C, Chrousos GP. Endocrinology of the stress response. *Annual Reviews of Physiology* 2005; 67: 259-284.
36. Charmandari E, Raji A, Kino T, Ichijo T, Tiulpakov A, Zachman K, Chrousos GP. A novel point mutation in the ligand-binding domain (LBD) of the human glucocorticoid receptor (hGR)

causing generalized glucocorticoid resistance: The importance of C-terminus of hGR LBD in conferring transactivational activity. *Journal of Clinical Endocrinology & Metabolism* 2005; 90(6): 3696-3705.

37. Kino T, Liu SH, Charmandari E, Chrousos GP. Glucocorticoid receptor mutants demonstrate increased motility inside the nucleus of living cells: Time of fluorescence recovery after photobleaching (FRAP) is an integrated measure of receptor function. *Molecular Medicine* 2004; 10(7-12): 80-88.
38. Charmandari E, Kino T, Ichijo T, Zachman K, Alatsatianos A, Chrousos GP. Functional characterization of the natural human glucocorticoid receptor (hGR) mutants hGR α R477H and hGR α G679S associated with generalized glucocorticoid resistance. *Journal of Clinical Endocrinology & Metabolism* 2006; 91(4): 1535-1543.
39. Kino T, Souvatzoglou E, Charmandari E, Ichijo T, Driggers P, Mayers C, Alatsatianos A, Manoli I, Westphal H, Chrousos GP, Segars JH. RHO family guanine nucleotide exchange factor BRX couples extracellular signals to the glucocorticoid signaling system. *Journal of Biological Chemistry* 2006; 281(14): 9118-9126.
40. Charmandari E, Chrousos GP. Metabolic syndrome manifestations in classic congenital adrenal hyperplasia: Do they predispose to atherosclerotic cardiovascular disease and secondary polycystic ovary syndrome? *Annals of the New York Academy of Sciences* 2006; 1083: 37-53.
41. Leong GM, Abad V, Charmandari E, Reynolds JC, Hill S, Chrousos GP, Nieman LK. Effects of child- and adolescent-onset endogenous Cushing syndrome on bone mass, body composition, and growth: a 7-year prospective study into young adulthood. *Journal of Bone and Mineral Research* 2007; 22(1): 110-118.
42. Charmandari E, Kino T. Novel causes of generalized glucocorticoid resistance. *Hormone and Metabolic Research* 2007; 39(6): 445-450.
43. Charmandari E, Kino T, Ichijo T, Jubiz W, Mejia L, Zachman K, Chrousos GP. A novel point mutation in helix11 of the ligand-binding domain of the human glucocorticoid receptor gene causing generalized glucocorticoid resistance. *Journal of Clinical Endocrinology & Metabolism* 2007; 92(10): 3986 - 90.
44. Charmandari E, Kino T, Ichijo T, Chrousos GP. Generalized Glucocorticoid Resistance: Clinical aspects, molecular mechanisms and implications of a rare genetic disorder. *Journal of Clinical Endocrinology & Metabolism* 2008; 93(5): 1563-72.
45. Kino T, Ichijo T, Zachman K, Chrousos GP, Charmandari E. A novel point mutation in the amino terminal domain of the human glucocorticoid receptor (hGR) gene enhancing hGR-mediated gene expression. *Journal of Clinical Endocrinology & Metabolism* 2008; 93(12): 4963-8.
46. Chrousos GP, Kino T, Charmandari E. Evaluation of the hypothalamic-pituitary-adrenal axis function in childhood and adolescence. *Neuroimmunomodulation* 2009; 16(5): 272-283.

47. Charmandari E, Chrousos GP, Kino T. Identification of natural human glucocorticoid receptor (hGR) mutations or polymorphisms and their functional consequences at the hormone-receptor interaction level. *Methods in Molecular Biology* 2009; 590:33-60.
48. Nicolaides N, Galata Z, Chrousos GP, Charmandari E. The glucocorticoid receptor: Evolution, structure and molecular basis of biologic function. *Steroids* 2010; 75(1): 1-12.
49. Charmandari E, Kino T. Chrousos Syndrome: A seminal report, a phylogenetic enigma and the clinical implications of glucocorticoid signaling changes. *European Journal of Clinical Investigation* 2010; 40(10): 932-42.
50. Galata Z, Moschonis G, Makridakis M, Dimitraki P, Nicolaides N, Manios Y, Bartzeliotou A, Chrousos GP, Charmandari E. Plasma proteomic analysis in overweight and obese children. *European Journal of Clinical Investigation* 2011; 41(12): 1275-83.
51. Charmandari E. Primary generalized glucocorticoid resistance and hypersensitivity. *Hormone Research* 2011; 76(3): 145-55.
52. Charmandari E, Chrousos GP, Lambrou GI, Pavlaki A, Koide H, Ng SSM, Kino T. Peripheral CLOCK regulates target-tissue glucocorticoid receptor transcriptional activity in a circadian fashion in man. *PLoS One* 2011; 6(9): e25612.
53. Kino T, Charmandari E, Chrousos GP. Glucocorticoid receptor: Implications for rheumatic diseases. *Clinical and Experimental Rheumatology*, 2011; 29(5 Suppl 68): S32-41.
54. Charmandari E, Sertedaki A, Kino T, Merakou C, Hoffman DA, Hatch MM, Hurt DE, Lin L, Xekouki P, Stratakis CA, Chrousos GP. A novel point mutation in the KCNJ5 gene causing primary hyperaldosteronism and early-onset autosomal dominant hypertension. *Journal of Clinical Endocrinology & Metabolism* 2012; 97(8): E1532-9.
55. Moschonis G, Chrousos GP, Lionis C, Mougios V, Manios Y; Healthy Growth Study group (Charmandari E). Association of total body and visceral fat mass with iron deficiency in preadolescents: the Healthy Growth Study. *British Journal of Nutrition* 2012; 108(4): 710-9.
56. Charmandari E. Primary generalized glucocorticoid resistance and hypersensitivity: the end-organ involvement in the stress response. *Science Signaling* 2012; 5(244): pt5.
57. Charmandari E, Achermann JC, Carel JC, Soder O, Chrousos GP. Stress response and child health. *Science Signaling* 2012; 5(248): mr1.
58. Birbilis M, Moschonis G, Mougios V, Manios Y; Healthy Growth Study' group (Charmandari E). Obesity in adolescence is associated with perinatal risk factors, parental BMI and sociodemographic characteristics. *European Journal of Clinical Nutrition* 2013; 67(1): 115-21.
59. Charmandari E, Kino T, Chrousos G. Primary generalized glucocorticoid resistance (Chrousos syndrome) and hypersensitivity. *Endocrine Development* 2013; 24: 67-85.

60. Peters CJ, Hill N, Dattani MT, Charmandari E, Matthews DR, Hindmarsh PC. Deconvolution analysis of 24h serum cortisol profiles informs the amount and distribution of hydrocortisone replacement therapy. *Clinical Endocrinology (Oxford)* 2013; 78(3): 347-51.
61. Roberts ML, Kino T, Nicolaidis NC, Hurt DE, Katsantoni E, Sertedaki A, Komianou F, Kassiou K, Chrousos GP, Charmandari E. A novel point mutation in the DNA-Binding Domain (DBD) of the human glucocorticoid receptor causes Primary Generalized Glucocorticoid Resistance by disrupting the hydrophobic structure of its DBD. *Journal of Clinical Endocrinology & Metabolism* 2013; 98(4): E790-5.
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ΠΑΡΟΥΣΙΑΣΕΙΣ ΣΕ ΔΙΕΘΝΗ ΣΥΝΕΔΡΙΑ - ΔΗΜΟΣΙΕΥΣΕΙΣ ΣΕ ΠΡΑΚΤΙΚΑ ΣΥΝΕΔΡΙΑ

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38. Michel-Calemard L, Charmandari E, Achermann J, Scordis N, Morel Y. (2005) Large rearrangements of the HSD17B3 gene: A new type of mutation responsible for 17 β -HSD deficiency. **Poster presentation** at the ESPE/LWPES 7th Joint Meeting, Lyon, France.

39. Charmandari E, Kino T, Ichijo T, Jubiz W, Zachman K, Mejia L, Chrousos GP. (2006) A novel point mutation in Helix 11 of the ligand-binding domain of the human glucocorticoid receptor gene causing generalized glucocorticoid resistance. **Poster presentation** at the 88th Endocrine Society Annual Meeting, Boston, Massachusetts, USA.
40. Charmandari E, Ichijo T, Jubiz W, Zachman K, Chrousos GP, Kino T. (2006) A novel point mutation in the amino terminal domain of the human glucocorticoid receptor gene enhances glucocorticoid-mediated gene expression. **Poster presentation** at the 88th Endocrine Society Annual Meeting, Boston, Massachusetts, USA.
41. Charmandari E, Kino T, Ichijo T, Zachman K, Chrousos GP. (2007) A novel, point mutation in Helix 11 of the ligand-binding domain of the human glucocorticoid receptor gene and molecular characterization of the mutant receptor hGR α F737L. **Poster presentation** at the Society for Endocrinology Meeting, March 5-8 2007, Birmingham, UK.
42. Charmandari E, Kino T, Ichijo T, Zachman K, Chrousos GP. (2007) Novel causes of generalized glucocorticoid insensitivity: Lessons from the crystal structure of the ligand-binding domain of the human glucocorticoid receptor. **Poster presentation** at the 89th Endocrine Society Annual Meeting, Toronto, Canada.
43. Charmandari E, Kino T, Ichijo T, Chrousos GP. (2007) Generalized glucocorticoid insensitivity: Clinical phenotype and molecular mechanisms. **Oral (Symposium) presentation** at the 46th European Society for Pediatric Endocrinology Meeting, Helsinki, Finland (*Henning-Andersen Prize*).
44. Charmandari E, Kino T, Ichijo T, Zachman K, Chrousos GP. (2007) Novel causes of generalized glucocorticoid insensitivity: Lessons from the crystal structure of the ligand-binding domain of the human glucocorticoid receptor. **Oral (Symposium) presentation** at the 46th European Society for Pediatric Endocrinology Meeting, Helsinki, Finland.
45. Arundel P, Alvi S, Barth J, Field H, Majumdar R, Butler G, Charmandari E. (2007) Adrenocorticotropin hypersecretion and pituitary microadenoma in a child with adrenal hypoplasia congenita. **Poster presentation** at the 46th European Society for Pediatric Endocrinology Meeting, Helsinki, Finland.
46. Charmandari E, Ichijo T, Jubiz W, Zachman K, Chrousos GP, Kino T. (2007) Identification of a novel, point mutation in the amino terminal domain of the human glucocorticoid receptor (hGR) gene enhancing glucocorticoid-mediated gene expression and molecular characterization of the mutant receptor hGR α D401H. **Poster presentation** at the 46th European Society for Pediatric Endocrinology Meeting, Helsinki, Finland.
47. Majumdar R, Feltbower R, Shapiro L, Arundel P, Charmandari E, Butler G, Alvi S. (2007) Incidence and aetiology of congenital hypothyroidism in Leeds, UK. **Poster presentation** at the 46th European Society for Pediatric Endocrinology Meeting, Helsinki, Finland.
48. Charmandari E, Kino T, Komianou E, Sertedaki A, Kassiou K, Chrousos GP. (2008) A novel point mutation in the DNA-binding domain of the human glucocorticoid receptor gene causing generalized glucocorticoid resistance. **Poster presentation** at the 90th Endocrine Society Annual Meeting, San Francisco, California, USA.

49. Sertedaki A, Braatvedt G, Galata Z, Nicolaides NC, Chrousos GP, Charmandari E. (2009) A novel point mutation in the ligand-binding domain of the human glucocorticoid receptor gene causing Generalized Glucocorticoid Resistance. Accepted for **Poster presentation** at the joint Lawson Wilkins & European Society for Pediatric Endocrinology Meeting, New York, USA.
50. Galata Z, Moschonis G, Makridakis M, Dimitraki P, Nicolaides NC, Chrousos GP, Manios Y, Vlahou A, Charmandari E. (2009) Obese children demonstrate alterations in the expression of lipoproteins and coagulation factors in plasma proteomic analysis. **Poster presentation** at the joint Lawson Wilkins & European Society for Pediatric Endocrinology Meeting, New York, USA.
51. Galata Z, Moschonis G, Makridakis M, Dimitraki P, Nicolaides NC, Chrousos GP, Manios Y, Vlahou A, Charmandari E. (2010) Plasma proteomic analysis in obese and overweight children. **Oral presentation** at the 49th European Society for Pediatric Endocrinology Meeting, Prague, Czech Republic.
52. Androutsos O, Moschonis G, Drakopoulou M, Tanagra S, Siatista PE, Charmandari E., Pervanidou P, Kanaka-Gantenbein C, Manios Y, Chrousos GP. (2010) Risk factors for metabolic syndrome and hypovitaminosis D in primary school students. **Poster presentation** at the Annual Meeting of the Society for Atherosclerosis, Ioannina, Greece.
53. Moschonis G, Androutsos O, Drakopoulou M, Tanagra S, Koumbitski A, Charmandari E, Pervanidou P, Kanaka-Gantenbein C, Manios Y, Chrousos GP. (2010) High risk for hypovitaminosis D in primary school students with increased total and visceral fat mass. Health growth study. **Poster presentation** at the Annual Meeting of the Society for Atherosclerosis, Ioannina, Greece.
54. Galata Z, Moschonis G, Makridakis M, Dimitraki P, Nicolaides NC, Chrousos GP, Manios Y, Vlahou A, Charmandari E. (2010) Plasma proteomic analysis in obese and overweight children. **Oral presentation** at the joint 49th European Society for Pediatric Endocrinology Meeting, Prague, Czech Republic.
55. Charmandari E. (2010) Adrenals - Yearbook of Pediatric Endocrinology. **Oral presentation** at the joint 49th European Society for Pediatric Endocrinology Meeting, Prague, Czech Republic.
56. Charmandari E. (2011) Generalized glucocorticoid resistance and hypersensitivity states. **Oral presentation** at the 45th Annual Scientific Meeting of the European Society for Clinical Investigation, Heraklion, Crete, Greece.
57. Papadopoulou N, Maria-Christina Zennaro, Kanaka-Gantenbein C, Chrousos GP, Charmandari E. (2011) A *de novo* mutation of the mineralocorticoid receptor gene causing Pseudohypoaldosteronism type I. **Poster presentation** at the Annual Meeting of the Hellenic Endocrine Society, Greece.
58. Kino T, Charmandari E., Lambrou GI, Pavlaki A, Koide H, Ng SSM, Chrousos GP. (2011) Circadian CLOCK-mediated gene-specific regulation of peripheral glucocorticoid receptor transcriptional activity by acetylation in man. **Oral presentation** at the 92nd Endocrine Society Annual Meeting, Boston, MA, USA.

59. Nicolaides NC, Geer E, Sertedaki A, Charmandari E. (2011) Novel mutation in glucocorticoid receptor gene causing Primary Generalized Glucocorticoid Resistance (Chrousos syndrome). **Poster presentation** at the joint 50th European Society for Pediatric Endocrinology Meeting, Glasgow, United Kingdom.
60. Roberts ML, Kino T, Nicolaides NC, Katsantoni E, Sertedaki A, Charmandari E. (2011) Novel mechanisms of Primary Generalized Glucocorticoid Resistance or Chrousos Syndrome. **Poster presentation** at the joint 50th European Society for Pediatric Endocrinology Meeting, Glasgow, United Kingdom.
61. Charmandari E. (2011) Primary Generalized Glucocorticoid Resistance and Hypersensitivity. **Poster presentation** at the joint 50th European Society for Pediatric Endocrinology Meeting, Glasgow, United Kingdom.
62. Hindmarsh PC, Hill N, Dattani MT, Peters CJ, Charmandari E., Matthews DR. (2011) Deconvolution analysis of 24h serum cortisol profiles informs the amount and distribution of Hydrocortisone replacement therapy. **Poster presentation** at the joint 50th European Society for Pediatric Endocrinology Meeting, Glasgow, United Kingdom.
63. Charmandari E. (2011) Adrenals - Yearbook of Pediatric Endocrinology. **Oral presentation** at the joint 50th European Society for Pediatric Endocrinology Meeting, Glasgow, United Kingdom.
64. Hindmarsh PC, Hill N, Dattani MT, Peters CJ, Charmandari E., Matthews DR. (2011) Deconvolution analysis of 24h serum cortisol profiles informs the amount and distribution of Hydrocortisone replacement therapy. **Oral presentation** at the 30th Meeting of the British Society for Paediatric Endocrinology and Diabetes, London, UK.
65. Davies P, Borkenstein M, Charmandari E., Kim HS, Kirk J, Kostalova L, Lebl J, Loche S, Luczay A, Nicolino M, Norgren S, Rodriguez Arnao D, VanderMeulen J, Gasteyer C, Zieschang J, Zignani M; on behalf of the ECOS investigator group. (2012) Quantifying Adherence to Growth Hormone Treatment: The EasyPodTM Connect Observational Study (ECOS) **Poster presentation** at the 93rd Endocrine Society Annual Meeting, Houston, TX, USA.
66. Charmandari E., Sertedaki A, Kino T, Merakou C, Hoffman D, Hutch MM, Hurt D, Lin L, Xekoiki P, Stratakis C, Chrousos GP. (2012) A novel point mutation in the KCNJ5 gene causing primary hyperaldosteronism and early onset autosomal dominant hypertension. **Oral presentation** at the joint 51st European Society for Pediatric Endocrinology Meeting, Leipzig, Germany.
67. Nicolaides NC, Roberts ML, Kino T, Katsantoni E, Sertedaki A, Chrousos GP, Charmandari E. (2012) The Role of S-Palmitoylation of human glucocorticoid receptor in mediating the non-genomic actions of glucocorticoids. **Poster presentation** at the joint 51st European Society for Pediatric Endocrinology Meeting, Leipzig, Germany.
68. Roberts ML, Nicolaides NC, Kino T, Katsantoni E, Sertedaki A, Chrousos GP, Charmandari E. (2012) Functional characterization of a novel mutation in the human glucocorticoid receptor gene causing Primary Generalized Glucocorticoid Resistance. **Oral presentation** at the joint 51st European Society for Pediatric Endocrinology Meeting, Leipzig, Germany.

69. Farakla I, Kouli E, Arditi J, Moutsatsou P, Drakopoulou M, Papassotiriou I, Chrousos GP, Charmandari E. (2012) Comparative effects of oral honey versus glucose tolerance test solutions on circulating glucose and insulin concentrations in obese prepubertal girls. **Poster presentation** at the joint 51st European Society for Pediatric Endocrinology Meeting, Leipzig, Germany.
70. Charmandari E., Katsantoni E, Triantafyllou P, Christophoridis A, Katzos G, Kino T, Nicolaides NC, Sertedaki A, Chrousos GP. (2012) Transient Generalized Glucocorticoid Hypersensitivity: Clinical manifestations and transcriptomics profile. **Poster presentation** at the joint 51st European Society for Pediatric Endocrinology Meeting, Leipzig, Germany.
71. Nicolaides NC, Sertedaki A, Chrousos GP, Charmandari E. (2012) Molecular mechanisms of action of a novel point mutation of the human glucocorticoid receptor gene causing Primary Generalized Glucocorticoid Resistance. **Poster presentation** at the joint 51st European Society for Pediatric Endocrinology Meeting, Leipzig, Germany.
72. Charmandari E. (2012) 2012 Working Party on ‘Disorders of Sex Development’ (DSD): Evaluation report. **Oral presentation** at the joint 51st European Society for Pediatric Endocrinology Meeting, Leipzig, Germany.
73. Charmandari E. (2012) Adrenals - Yearbook of Pediatric Endocrinology. **Oral presentation** at the joint 51st European Society for Pediatric Endocrinology Meeting, Leipzig, Germany.
74. Nicolaides NC, Roberts ML, Kino T, Hurt DE, Katsantoni E, Sertedaki A, Chrousos GP, Charmandari E. (2013) A novel point mutation in the DNA-binding domain of the human glucocorticoid receptor gene causing Primary Generalized Glucocorticoid Resistance (Chrousos syndrome). **Oral presentation** at the 40th Hellenic Endocrine Society Meeting, Athens, Greece.
75. Nicolaides NC, Roberts ML, Kino T, Braadvedt G, Katsantoni E, Sertedaki A, Chrousos GP, Charmandari E. (2013) Identification and functional characterization of a novel point mutation of the human glucocorticoid receptor gene causing Primary Generalized Glucocorticoid Resistance (Chrousos syndrome). **Oral presentation** at the 40th Hellenic Endocrine Society Meeting, Athens, Greece.
76. Sertedaki A, Markou A, Piaditis G, Chrousos GP, Charmandari E. (2013) Mutations in the KCNJ5 gene in patients with idiopathic hypertension and hyperresponsiveness of aldosterone to ACTH. **Oral presentation** at the 40th Hellenic Endocrine Society Meeting, Athens, Greece.
77. Farakla I, Kouli E, Arditi J, Moutsatsou P, Drakopoulou M, Papassotiriou I, Chrousos GP, Charmandari E. (2013) The effect of honey on the concentrations of glucose and insulin in obese prepubertal girls. **Oral presentation** at the 40th Hellenic Endocrine Society Meeting, Athens, Greece.
78. Nicolaides NC, Sertedaki A, Chrousos GP, Charmandari E. (2013) Molecular mechanisms through which a novel point mutation of the human glucocorticoid receptor gene causes Primary Generalized Glucocorticoid Resistance. **Poster presentation** at the 40th Hellenic Endocrine Society Meeting, Athens, Greece.

79. Nicolaides NC, Roberts ML, Kino T, Katsantoni E, Sertedaki A, Chrousos GP, Charmandari E. (2013) The role of S-palmitoylation of the human glucocorticoid receptor in mediating the non-genomic actions of glucocorticoids. **Poster presentation** at the 40th Hellenic Endocrine Society Meeting, Athens, Greece.
80. Nicolaides NC, Katsantoni E, Triantafyllou P, Christoforidis A, Katzos G, Kino T, Sertedaki A, Chrousos GP, Charmandari E. (2013) Transient Generalized Glucocorticoid Hypersensitivity: Clinical manifestations and transcriptomics profile. **Poster presentation** at the 40th Hellenic Endocrine Society Meeting, Athens, Greece.
81. Hurt DE, Mayama T, Charmandari E. Kino T. (2013) Structural analysis on the ligand-binding domain of the known pathologic glucocorticoid receptors reveals structure-function link in its ligand-binding pocket and activation function (AF)-2. **Poster presentation** at the 94th Endocrine Society Annual Meeting, San Francisco, CA, USA.
82. Charmandari E. (2013) Adrenals - Yearbook of Pediatric Endocrinology. **Oral presentation** at the 9th Joint Meeting of Paediatric Endocrinology, Milan, Italy (September 19 - 22, 2013).
83. Charmandari E. Zhang M, Gontijo Silveira L, Chrousos GP, Sertedaki A, Latronico AC, Segaloff DL. (2013) A case of Leydig cell hypoplasia associated with two distinct homozygous mutations of the human Luteinizing Hormone/Chorionic Gonadotropin receptor that include a novel mutation with unusual functional properties. **Oral presentation** at the 9th Joint Meeting of Paediatric Endocrinology, Milan, Italy (September 19 - 22, 2013).
84. Nicolaides NC, Geer E, Sertedaki A, Chrousos GP, Charmandari E. (2013) A novel point mutation in the ligand-binding domain of the human glucocorticoid receptor (hGR) gene causing Primary Generalized Glucocorticoid Resistance. **Oral presentation** at the 9th Joint Meeting of Paediatric Endocrinology, Milan, Italy (September 19 - 22, 2013).
85. Davies PSW, Kirk J, Lebl J, Luczay A, VanderMeulen J, Loche S, Norgren S, Kostalova L, Kim HS, Nicolino M, Charmandari E. Zieschang J, Stoyanov G. (2013) The easypodTM connect observational study (ECOS): adherence to recombinant human growth hormone (rhGH) therapy in younger and older children. **Poster presentation** at the 9th Joint Meeting of Paediatric Endocrinology, Milan, Italy (September 19 - 22, 2013).
86. Nicolaides NC, Sertedaki A, Chrousos GP, Charmandari E. (2013) Molecular mechanisms of action of the natural human glucocorticoid receptor (hGR) mutant hGR α T556I causing Primary Generalized Glucocorticoid Resistance. **Poster presentation** at the 9th Joint Meeting of Paediatric Endocrinology, Milan, Italy (September 19 - 22, 2013).
87. Sertedaki A, Nicolaides NC, Chrousos GP, Charmandari E. (2013) A novel mutation of the human glucocorticoid receptor (hGR) gene causing mild Primary Generalized Glucocorticoid Resistance. **Poster presentation** at the 9th Joint Meeting of Paediatric Endocrinology, Milan, Italy (September 19 - 22, 2013).
88. Sertedaki A, Markou A, Piaditis G, Chrousos GP, Charmandari E. (2013) Mutations of the KCNJ5 gene in patients with hypertension and increased aldosterone response to ACTH. **Poster presentation** at the 9th Joint Meeting of Paediatric Endocrinology, Milan, Italy (September 19 - 22, 2013).

89. Charmandari E. (2014) Development of a national system for the prevention and management of overweight and obesity. **Oral presentation** at the 7th State of the Art Adolescent Medicine Meeting, Athens, Greece (April 4-5, 2014).
90. Penio Kassari, Charmandari E. (2014) www.childhood-obesity.gr - information on the prevention and management of overweight and obesity. **Oral presentation** at the 7th State of the Art Adolescent Medicine Meeting, Athens, Greece (April 4-5, 2014).
91. Nicolaides NC, Roberts ML, Kino T, Katsantoni E, Sertedaki A, Chrousos GP, Charmandari E. (2014) Molecular mechanisms of non genomic glucocorticoid actions: The role of S-palmitoylation of human glucocorticoid receptor. **Poster presentation** at the 41st Hellenic Endocrine Society Meeting, Porto Cheli, Greece (May 14-17, 2014).
92. Nicolaides NC, Lamprokosopoulou A, Polyzos A, Kino T, Katsantoni E, Triantafyllou P, Christoforidis A, Katzos G, Sertedaki A, Chrousos GP, Charmandari E. (2014) Clinical presentation and transcriptomic profile of a rare case of Transient Generalized Glucocorticoid Hypersensitivity. **Oral presentation** at the 41st Hellenic Endocrine Society Meeting, Porto Cheli, Greece (May 14-17, 2014).
93. Nicolaides NC, Sertedaki A, Chrousos GP, Charmandari E. (2014) A novel point mutation of the human glucocorticoid receptor gene causes Primary Generalized Glucocorticoid Resistance (Chrousos syndrome) through multiple molecular mechanisms. **Poster presentation** at the 41st Hellenic Endocrine Society Meeting, Porto Cheli, Greece (May 14-17, 2014).
94. Nicolaides NC, Vlachakis D, Sertedaki A, Kossida S, Chrousos GP, Charmandari E. (2014) A novel point mutation of the human glucocorticoid receptor gene causes Primary Generalized Glucocorticoid Resistance (Chrousos syndrome) through reduced flexibility of Helix 10 of the ligand-binding domain. **Oral presentation** at the 41st Hellenic Endocrine Society Meeting, Porto Cheli, Greece (May 14-17, 2014).
95. Farakla I, Kouli E, Arditi J, Moutsatsou P, Drakopoulou M, Papassotiriou I, Chrousos GP, Charmandari E. (2014) The effect of honey on the concentrations of glucose and insulin in obese prepubertal girls. **Oral presentation** at the 41st Hellenic Endocrine Society Meeting, Porto Cheli, Greece (May 14-17, 2014).
96. Lamprokostopoulou A, Moschonis G, Manios I, Chrousos GP, Charmandari E. (2014) Obesity in childhood and adolescence is associated with shorter leukocyte telomere length. **Oral presentation** at the 41st Hellenic Endocrine Society Meeting, Porto Cheli, Greece (May 14-17, 2014).
97. Nicolaides NC, Geer EB, Vlachakis D, Sertedaki A, Bacopoulou I, Kossida S, Chrousos GP, Charmandari E. (2014) A novel point mutation of the human glucocorticoid receptor gene causes Primary Generalized Glucocorticoid Resistance through reduced flexibility of helix 10 of the ligand-binding domain of the receptor and decreased affinity for the ligand. **Poster presentation** at the 95th Endocrine Society Annual Meeting, Chicago, IL, USA.
98. Sertedaki A, Markou A, Kaltsas G, Androulakis I, Pappa T, Gouli A, Papanastasiou L, Zacharoulis A, Karavidas A, Ragkou D, Vlachakis D, Kossida S, Campanac E, Hoffman DA, De La Luz M, Xekouki P, Stratakis CA, Charmandari E. Chrousos GP, Piaditis GP. (2014) Mutations of the KCNJ5 gene in patients with hypertension and increased aldosterone response

to ACTH. **Power-point Preview presentation** at the 95th Endocrine Society Annual Meeting, Chicago, IL, USA.

99. Charmandari E. (2014) Congenital Adrenal Hyperplasia. **Oral (Symposium) presentation** at the 53rd European Society for Pediatric Endocrinology Meeting, Dublin, Ireland (September 18-20, 2014).
100. Charmandari E. (2014) Adrenals - Yearbook of Pediatric Endocrinology. **Oral presentation** at the 53rd European Society for Pediatric Endocrinology Meeting, Dublin, Ireland (September 18-20, 2014).
101. Nicolaides NC, Lamprokostopoulou A, Polyzos A, Kino T, Katsantoni E, Triantafyllou P, Christophoridis A, Katzos G, Drakopoulou M, Sertedaki A, Chrousos GP, Charmandari E. (2014) Transient Generalized Glucocorticoid Hypersensitivity: Clinical manifestations, endocrinologic evaluation and transcriptomic profile: The potential role of NF-κB. **Poster presentation** at the 53rd European Society for Pediatric Endocrinology Meeting, Dublin, Ireland (September 18-20, 2014).
102. Nicolaides NC, Vlachakis D, Sertedaki A, Kossida S, Chrousos1 GP, Charmandari E. (2014) Functional characterization of a novel heterozygous point mutation in the human glucocorticoid receptor gene causing Primary Generalized Glucocorticoid Resistance. **Poster presentation** at the 53rd European Society for Pediatric Endocrinology Meeting, Dublin, Ireland (September 18-20, 2014).
103. Nicolaides NC, Roberts ML, Kino T, Katsantoni E, Sertedaki A, Chrousos GP, Charmandari E. (2014) Molecular mechanisms of nongenomic glucocorticoid actions: The role of human glucocorticoid receptor S-Palmitoylation. **Oral presentation** at the 53rd European Society for Pediatric Endocrinology Meeting, Dublin, Ireland (September 18-20, 2014).
104. Farakla I, Papadopoulos GE, Kouli E, Arditi J, Moutsatsou P, Drakopoulou M, Papasotiriou I, Chrousos GP, Charmandari E. (2014) The effect of honey on plasma glucose and insulin concentrations in obese prepubertal girls. **Poster presentation** at the 53rd European Society for Pediatric Endocrinology Meeting, Dublin, Ireland (September 18-20, 2014).
105. Fragouli T, Sertedaki A, Farakla I, Nicolaides NC, Drakopoulou M, Papasotiriou I, Chrousos GP, Charmandari E. (2014) Expression levels of the Growth-arrest-specific transcript 5 (Gas5) in overweight and obese children and adolescents. **Poster presentation** at the 53rd European Society for Pediatric Endocrinology Meeting, Dublin, Ireland (September 18-20, 2014).
106. Lamprokostopoulou A, Moschonis G, Manios I, Chrousos GP, Charmandari E. (2014) Obesity in childhood and adolescence is associated with decreased leucocyte telomere length. **Oral presentation** at the 53rd European Society for Pediatric Endocrinology Meeting, Dublin, Ireland (September 18-20, 2014).
107. Giannios C, Farakla I, Papadopoulos G, Bakopoulou I, Nicolaides NC, Papathanasiou C, Drakopoulou M, Chrousos GP, Charmandari E. (2014) The prevalence of 25-hydroxyvitamin D insufficiency and deficiency among overweight and obese children and adolescents in Greece. **Power-point Oral presentation** at the 53rd European Society for Pediatric Endocrinology Meeting, Dublin, Ireland (September 18-20, 2014).

108. Davies P, Luczay A, Charmandari E, Kirk J, Kim HS, Kostalova L, Nicolino M, Borckenstein M, Rodriguez Arnao MD, Calzada-León R, Norgren S, VanderMeulen J, Loche S, Belgorosky A, Du M, Stoyanov G, Koledova E, Zhao, Lebl J. (2015) The Easypod™ Connect Observational Study (ECOS): results from the 2014 interim analysis. **Poster presentation** at the 96th Endocrine Society Annual Meeting, San Diego, CA, USA.
109. Penio Kassari, Charmandari E. (2015) Development of a national system for the prevention and management of overweight and obesity in Greece. **Oral presentation** at the 8th State of the Art Adolescent Medicine Meeting, Athens, Greece (March 13-14, 2015).
110. Nicolaides NC, Skyrla E, Vlachakis D, Sertedaki A, Kossida S, Chrousos GP, Charmandari E. (2015) The mutant human glucocorticoid receptor hGR α T556I causes Primary Generalized Glucocorticoid Resistance (Chrousos syndrome) through reduced binding to glucocorticoids and delayed nuclear translocation. **Oral presentation** at the 42nd Hellenic Endocrine Society Meeting, Thessaloniki, Greece (May 6-10, 2015).
111. Kassari P, Papaioannou P, Charmandari E. (2015) A Systemic Approach for the Management of the Program entitled 'Development of a National System for the Prevention and Management of Overweight and Obesity in Childhood and Adolescence in Greece'. **E-Poster presentation** at the 54th European Society for Pediatric Endocrinology Meeting, Barcelona, Spain (October 1-3, 2015).
112. Nicolaides NC, Skyrla E, Vlachakis D, Psarra AMG, Sertedaki A, Kossida S, Charmandari E. (2015) The Natural Mutant Receptor hGR α T556I Causes Primary Generalized Glucocorticoid Resistance Through Decreased Affinity for the Ligand and Impaired Interaction with the GRIP1 Coactivator. **E-Poster presentation** at the 54th European Society for Pediatric Endocrinology Meeting, Barcelona, Spain (October 1-3, 2015).
113. Papadopoulos G, Farakla I, Bakopoulou S, Giannios C, Kouli E, Georgiou A, Romas S, Terzioglou E, Koniari E, Papathanasiou C, Kassari P, Nicolaides N, Critselis E, Manios Y, Charmandari E. (2015) The Effectiveness of a Comprehensive and Personalized Plan of Action in the Prevention and Management of Overweight and Obesity in Childhood and Adolescence. **E-Poster presentation** at the 54th European Society for Pediatric Endocrinology Meeting, Barcelona, Spain (October 1-3, 2015).
114. Koltsida G, Farakla I, Papanikolaou A, Kolaitis G, Mantzou E, Charmandari E. (2015) Carriers of 21- Hydroxylase Deficiency Demonstrate Increased Psychological Vulnerability to Stress. **Mini-Poster (Oral) and E-Poster presentation** at the 54th European Society for Pediatric Endocrinology Meeting, Barcelona, Spain (October 1-3, 2015).
115. Giannios C, Farakla I, Papadopoulos G, Koniari E, Papathanasiou C, Kassari P, Charmandari E. (2015) Increased prevalence of 25-hydroxyvitamin D insufficiency and deficiency among overweight and obese children and adolescents in Greece. **E-Poster presentation** at the 54th European Society for Pediatric Endocrinology Meeting, Barcelona, Spain (October 1-3, 2015).
116. Charmandari E. (2015) Adrenals - Yearbook of Pediatric Endocrinology. **Oral presentation** at the 54th European Society for Pediatric Endocrinology Meeting, Barcelona, Spain (October 1-3, 2015).

117. Charmandari E, Hindmarsh PC (2015) Discordance between the cortisol dose for replacement and that required for suppression of Androstenedione (A4) and 17-hydroxyprogesterone (17-OHP) in Congenital Adrenal Hyperplasia. **E-Poster presentation** at the 43rd Annual Meeting of the British Society for Paediatric Endocrinology and Diabetes, Sheffield, UK (November 25-27, 2015).
118. Charmandari E, Hindmarsh PC (2015) Variation in absorption and half-life of Hydrocortisone: A need to consider plasma terminal half-life in dosing schedules. **E-Poster presentation** at the 43rd Annual Meeting of the British Society for Paediatric Endocrinology and Diabetes, Sheffield, UK (November 25-27, 2015).
119. Charmandari E. (2016) Adrenals - Yearbook of Pediatric Endocrinology. **Oral presentation** at the 55th European Society for Pediatric Endocrinology Meeting, Paris, France (September 10 – 12, 2016).
120. Georgiou A, Karampatsou S, Genitsaridi S, Nikolaou M, Farakla I, Papadopoulos G, Giannios C, Papageorgiou I, Boleti O, Kouli E, Tsoutsouloupoulou K, Manios Y, Charmandari E. (2016) Dietary habits of children and adolescents attending an Out-patient Clinic for the Prevention and Management of Overweight and Obesity in Greece. **E-Poster presentation** at the 55th European Society for Pediatric Endocrinology Meeting, Paris, France (September 10 – 12, 2016).
121. Genitsaridi S, Karampatsou S, Papageorgiou I, Papadopoulos G, Farakla I, Kouli E, Georgiou A, Romas S, Terzioglou E, Papathanasiou C, Kassari P, Giannios C, Nicolaides NC, Manios Y, Charmandari E. (2016) A comprehensive and multidisciplinary management plan is extremely effective at reducing the prevalence of overweight and obesity in childhood and adolescence. **E-Poster presentation** at the 55th European Society for Pediatric Endocrinology Meeting, Paris, France (September 10 – 12, 2016).
122. Stefa A, Lamprokostopoulou A, Kontogeorgou A, Briana D, Malamitsi-Puchner A, Tsitsilonis O, Gagos S, Charmandari E. (2016) The effect of intrauterine stress on leukocyte telomere length in newborns. **E-Poster presentation** at the 55th European Society for Pediatric Endocrinology Meeting, Paris, France (September 10 – 12, 2016).
123. Stavrou S, Nicolaides NC, Papageorgiou I, Papadopoulou P, Terzioglou E, Darviri C, Chrousos GP, Charmandari E. (2016) The effectiveness of a stress management intervention program in the management of overweight and obesity in childhood and adolescence. **E-Poster presentation** at the 55th European Society for Pediatric Endocrinology Meeting, Paris, France (September 10 – 12, 2016).
124. Nicolaides NC, Polyzos A, Koniari E, Lamprokostopoulou A, Golfinooulou E, Papathanasiou C, Sertedaki A, Thanos D, Charmandari E. (2016) Transcriptomic analysis in healthy subjects with differences in tissue sensitivity to glucocorticoids identifies novel disease-associated genes. **Oral presentation** at the 55th European Society for Pediatric Endocrinology Meeting, Paris, France (September 10 – 12, 2016).
125. Lamprokostopoulou A, Varela A, Katsimpoulas M, Dimitriou C, Athanasiadis N, Soutou E, Stefa A, Mavroides M, Davos CH, Chrousos GP, Kino T, Georgopoulos S, Charmandari E. (2016) Impaired cardiac function in a mouse model of Generalized Glucocorticoid Resistance.

Oral presentation at the 55th European Society for Pediatric Endocrinology Meeting, Paris, France (September 10 – 12, 2016).

126. Kassari P, Papaioannou P, Billiris A, Karanikas H, Eleftheriou S, Thireos E, Manios Y, Chrousos GP, Charmandari E. (2016) e-Health: A National Registry and Therapeutic Algorithm for the Prevention and Management of Overweight and Obesity in Childhood and Adolescence in Greece. **E-Poster presentation** at the 55th European Society for Pediatric Endocrinology Meeting, Paris, France (September 10 – 12, 2016).
127. Bacopoulou F, Koliass E, Aravantinos L, Mantzou A, Doulgeraki A, Spanoudi F, Deligeoroglou E, Charmandari E. (2016) Randomized controlled study comparing vitamin D and omega 3-fatty acids supplementation in adolescents with polycystic ovary syndrome. **E-Poster presentation** at the 55th European Society for Pediatric Endocrinology Meeting, Paris, France (September 10 – 12, 2016).
128. Vlachakis D, Nicolaidis NC, Papageorgiou L, Lamprokostopoulou A, Charmandari E. (2016) Tracing the Glucocorticoid Receptor evolutionary pedigree: insights from a comprehensive phylogenetic analysis of the full NR super-family. **Oral presentation** at the 55th European Society for Pediatric Endocrinology Meeting, Paris, France (September 10 – 12, 2016).
129. Kyritsi EM, Nicolaidis NC, Lamprokostopoulou A, Xaidara A, Georgiadou E, Dimitropoulou V, Stefa A, Sertedaki A, Chrousos GP, Charmandari E. (2016) Transient Generalized Glucocorticoid Hypersensitivity Syndrome. **E-Poster presentation** at the 55th European Society for Pediatric Endocrinology Meeting, Paris, France (September 10 – 12, 2016).
130. Sertedaki A, Polyzos A, Nicolaidis NC, Thanos D, Charmandari E. (2016) Transient Generalized Glucocorticoid Hypersensitivity Syndrome. **E-Poster presentation** at the 55th European Society for Pediatric Endocrinology Meeting, Paris, France (September 10 – 12, 2016).

ΔΙΑΛΕΞΕΙΣ ΜΕΤΑ ΑΠΟ ΠΡΟΣΚΛΗΣΗ

1. Charmandari E. (2004) Congenital adrenal hyperplasia and puberty. Invited lecture at 3rd Ferring Pharmaceuticals International Paediatric Endocrinology Symposium, Barcelona, Spain.
2. Charmandari E. (2004) Endocrinologic and psychologic evaluation of 21-hydroxylase deficient carriers and normal subjects: Evidence for physical and psychologic vulnerability to stress. Invited lecture at the 5th International Congress of Neuropsychiatry, Athens, Greece.
3. Charmandari E. (2005) Classic congenital adrenal hyperplasia and the metabolic syndrome. Invited lecture at the 39th Annual Meeting of the European Society for Clinical Investigation, Athens, Greece.
4. Charmandari E. (2006) Generalized glucocorticoid resistance: Clinical phenotype and molecular mechanisms. Invited lecture at the Cortisol Secretion Abnormalities-I Meeting [25 years studying stress mediators: A symposium honouring George P. Chrousos], Bethesda, Maryland, USA.

5. Charmandari E. (2006) Glucocorticoid resistance. Invited lecture at the 12th European Meeting of the International Society for Adolescent Health, Athens, Greece.
6. Charmandari E. (2007) Classic Congenital Adrenal Hyperplasia. Invited lecture at the Annual Meeting of the Hellenic Society for Pediatric and Adolescent Endocrinology, Athens, Greece.
7. Charmandari E. (2008) Phytoestrogens and Child Health. Invited lecture at the 41st Annual Meeting of the First Department of Pediatrics of the University of Athens, Athens, Greece.
8. Charmandari E. (2008) Cushing Syndrome. Invited lecture at the 34th Annual Meeting of the Hellenic Medical Society, Athens, Greece.
9. Charmandari E. (2008) Steroid Hormone Receptors. Invited lecture at the Annual Meeting of the Hellenic Endocrine Society, Pelion, Greece.
10. Charmandari E. (2008) Glucocorticoids and their Uses. Invited lecture at the Annual Meeting of the Hellenic Society for Pediatric and Adolescent Endocrinology, Athens, Greece.
11. Charmandari E. (2009) Genetic Forms of Obesity. Invited lecture at the 35th Annual Meeting of the Hellenic Medical Society, Athens, Greece.
12. Charmandari E. (2009) Macronodular and micronodular Adrenal Hyperplasia. Invited lecture at the Hellenic Endocrine Society Meeting on Adrenal Disorders, May 9, Athens, Greece.
13. Charmandari E. (2009) Case Presentations in Clinical Pediatric Endocrinology. Invited lecture at the 'Ef'Olis Tis Ylis' Meeting, October 10-11, Athens, Greece.
14. Charmandari E. (2009) Precocious Puberty. Invited lecture at the Annual Meeting of the Hellenic Endocrine Society, Pelion, Greece.
15. Charmandari E. (2010) Precocious breast development in girls. Invited lecture at the Annual Meeting of the Hellenic College of Pediatrics, Athens, Greece (March 2010).
16. Charmandari E. (2010) Adrenocortical tumors. Invited lecture at the Annual Meeting of the A' Department of Pediatrics, University of Athens Medical School, Athens, Greece (April 2010).
17. Charmandari E. (2010) Exercise and the Adrenals. Invited lecture at the Annual Meeting of Pediatric and Adolescent Endocrinology, University of Athens Medical School, Athens, Greece (September 2010).
18. Charmandari E. (2010) Yearbook of Pediatric Endocrinology - Adrenals. Invited lecture at the 49th European Society for Pediatric Endocrinology Meeting, Prague, Czech Republic. (September 2010).
19. Charmandari E. (2010) Precocious Puberty. Invited lecture at the 'Ef'Olis Tis Ylis' Meeting, Meeting, Athens, Greece (October 8-9, 2010).
20. Charmandari E. (2010) Case Presentations in Clinical Pediatric Endocrinology. Invited lecture at the 'Ef'Olis Tis Ylis' Meeting, Athens, Greece (October 8-9, 2010).

21. Charmandari E. (2010) Generalized glucocorticoid resistance syndrome. Invited lecture at the Mastercourse in Paediatric Endocrinology, Erasmus MC, Rotterdam, The Netherlands (October 12, 2010).
22. Charmandari E. (2011) Generalized glucocorticoid resistance and hypersensitivity states. Invited lecture at the 45th Annual Scientific Meeting of the European Society for Clinical Investigation, Heraklion, Crete, Greece (April 13-16, 2011).
23. Charmandari E. (2011) Genetic causes of obesity. Invited lecture at the 7th Annual Pediatric Meeting 'Earinai Pediatrikai Hmerai', Santorini, Greece (May 5-8, 2011).
24. Charmandari E. (2011) The role of human glucocorticoid receptor in mediating glucocorticoid signal transduction. Invited lecture at the 37th Annual Meeting of the Hellenic Medical Society, Athens, Greece (May 17-20, 2011).
25. Charmandari E. (2011) Recent advances in steroid receptor research. Invited lecture at the European Society for Pediatric Endocrinology (ESPE) Science School, Berlin, Germany (May 24-26, 2011).
26. Charmandari E. (2011). Glucocorticoids and their Therapeutic Uses. Invited lecture at the Annual Pediatric Respiratory Meeting, Ioannina, Greece (September 8-10, 2011).
27. Charmandari E. (2011) Yearbook of Pediatric Endocrinology - Adrenals. Invited lecture at the 50th European Society for Pediatric Endocrinology Meeting, Glasgow, United Kingdom (September 25-28, 2011).
28. Charmandari E. (2012). Precocious Puberty. Invited lecture at the 1st Meeting of Developmental and Behavioural Pediatrics and Adolescent Medicine, Athens, Greece (March 3-4, 2012).
29. Charmandari E. (2012). Glucocorticoids and their Therapeutic Uses. Invited lecture at the Annual Meeting of Pediatric Subspecialties, Athens, Greece (March 3-4, 2012).
30. Charmandari E. (2012) Metabolic Syndrome. Invited lecture at the 8th Annual Pediatric Meeting 'Earinai Pediatrikai Hmerai', Santorini, Greece (May 26-29, 2012).
31. Charmandari E. (2012) Primary Generalized Glucocorticoid Resistance and Hypersensitivity States. Invited lecture at the European Society for Pediatric Endocrinology (ESPE) Science School (ESS), Hraklio, Crete, Greece (May 16-20, 2012).
32. Charmandari E. (2012) 2012 Working Party on 'Disorders of Sex Development' (DSD): Evaluation report. Invited lecture at the joint 51st European Society for Pediatric Endocrinology Meeting, Leipzig, Germany (September 20-23, 2012).
33. Charmandari E. (2012) Yearbook of Pediatric Endocrinology - Adrenals. Invited lecture at the 51st European Society for Pediatric Endocrinology Meeting, Leipzig, Germany (September 20-23, 2012).

34. Charmandari E. (2012) Classic Congenital Adrenal Hyperplasia. Invited lecture at the *Pediatric Hmeres – 3rd and 4th Pediatric Clinic*, Thessaloniki, Greece (September 29-30, 2012).
35. Charmandari E. (2012) Obesity in Childhood and Adolescence. Invited lecture at the *Meeting on Childhood Obesity*, Athens, Greece (October 24, 2012).
36. Charmandari E. (2012) Diagnosis and treatment of acute adrenal failure. Invited lecture at the *6th Meeting of the Hellenic College of Pediatrics*, Athens, Greece (November 10-11, 2012).
37. Charmandari E. (2013) The Genetics of Obesity and Type 2 Diabetes. Invited lecture at the *Department of Obstetrics and Gynaecology, Aretaieion Hospital*, Athens, Greece (January 8, 2013).
38. Charmandari E. (2013) Precocious and Delayed Puberty and Congenital Adrenal Hyperplasia. Invited lecture at the *Hellenic Endocrine Society Course of Endocrinology Fellows*, Athens, Greece (January 14-18, 2013).
39. Charmandari E. (2013) Familial Hyperaldosteronism. Invited lecture at the *Hellenic Society for Pediatric Endocrinology*, Athens, Greece (February 9, 2013).
40. Charmandari E. (2013) The Greek experience on the use of mekasermine in the treatment of short stature. Invited lecture at the *Hellenic Society for Pediatric Endocrinology*, Athens, Greece (February 9, 2013).
41. Charmandari E. (2013) Neonatal Screening for Congenital Adrenal Hyperplasia. Invited lecture at the *Seminar on Genetics – ‘Aghia Sophia’ Children’s Hospital*, Athens, Greece (February 16, 2013).
42. Charmandari E. (2013) Genetics of Obesity. Invited lecture at the *16th Meeting of Intensive Training in Endocrinology – Metabolic Disorders*, Athens, Greece (February 22-24, 2013).
43. Charmandari E. (2013) Genetic causes of Obesity in Childhood and Adolescence. Invited lecture at the *8th Meeting of the Hellenic Medical Society of Obesity*, Thessaloniki, Greece (March 15-16, 2013).
44. Charmandari E. (2013) ESPA Program on the Prevention and Management of Overweight and Obesity in Childhood and Adolescence. Invited lecture at the *7th Meeting of the Hellenic College of Pediatrics*, Athens, Greece (April 5-7, 2013).
45. Charmandari E. (2013) Therapeutic Developments - Adrenals. Invited lecture at the annual *‘Therapeutic Developments’ Meeting*, Athens, Greece (April 27, 2013).
46. Charmandari E. (2013) Prevention and management of obesity. Invited lecture at the *46th Annual Treatment Update of the First Department of Pediatrics, University of Athens Medical School*, Athens, Greece (May 11-12, 2013).
47. Charmandari E. (2013) Debate: GnRH analogs in the treatment of early puberty – No. Invited lecture at the *1st Combo Endocrinology Course, Monastery ‘Evangelistria’*, Viotia, Greece (September 11-14, 2013).

48. Charmandari E. (2013) Yearbook of Pediatric Endocrinology - Adrenals. Invited lecture at the 9th Joint Meeting of Pediatric Endocrinology, Milan, Italy (September 19-22, 2012).
49. Charmandari E. (2013) ESPA Program on the Prevention and Management of Overweight and Obesity in Childhood and Adolescence. Invited lecture at the Meeting on Health and Prevention in Greece, Athens, Greece (October 11-12, 2013).
50. Charmandari E. (2013) Precocious puberty. Invited lecture at the 'Ef'Olis Tis Ylis' Meeting, Athens, Greece (October 11-12, 2013).
51. Charmandari E. (2013) Newborns with ambiguous genitalia. Invited lecture at the 17th Panhellenic Congress of Perinatal Medicine, Athens, Greece (November 1-3, 2013).
52. Charmandari E. (2013) Development of a National System for the prevention and management of overweight and obesity in childhood and adolescence in Greece. Invited lecture at the 12th Panhellenic Meeting of Nutrition and Dietetics, Athens, Greece (December 5-8, 2013).
53. Charmandari E. (2014) The use of liraglutide in obesity. Invited lecture at the Novonordisk Meeting, Athens, Greece (March 7-8, 2014).
54. Charmandari E. (2014) Newborns with ambiguous genitalia: Diagnosis and management. Invited lecture at the 8th Meeting of the Hellenic College of Pediatrics, Athens, Greece (March 21-22, 2014).
55. Charmandari E. (2014) Childhood obesity. Invited lecture at the 10th Panhellenic Congress of Public Health, Athens, Greece (March 31-April 2, 2014).
56. Charmandari E. (2014) Development of a national system for the prevention and management of obesity in childhood and adolescence. Invited lecture at the 7th State of The Art Adolescent Medicine Course, Athens, Greece (April 4-7, 2014).
57. Charmandari E. (2014) Greek reality in childhood obesity and current preventive strategies. Invited lecture at the European Scientific Meeting on Maternal and Infant Nutrition, Athens, Greece (April 5, 2014).
58. Charmandari E. (2014) Obesity in childhood and adolescence. Invited lecture at the 10th Annual Pediatric Meeting 'Earinai Pediatrikai Hmerai', Nafplio, Greece (April 10-13, 2014).
59. Charmandari E. (2014) Prevention and management of obesity in childhood and adolescence. Invited lecture at the Nestle Hellenic College of Pediatrics Meeting, Costa Navarino, Greece (May 3, 2014).
60. Charmandari E. (2014) Recent advances in the molecular mechanisms determining tissue sensitivity to glucocorticoids. Invited lecture at the 41st Hellenic Endocrine Society Meeting, Porto Cheli, Greece (May 14-17, 2014).
61. Charmandari E. (2014) Adrenal Insufficiency. Invited lecture at the ESPE Summer School of the 53rd European Society for Pediatric Endocrinology Meeting, Dublin, Ireland (September 14-17, 2014).

62. Charmandari E. (2014) Congenital Adrenal Hyperplasia. Invited (Symposium) lecture at the 53rd European Society for Pediatric Endocrinology Meeting, Dublin, Ireland (September 18-20, 2014).
63. Charmandari E. (2014) Adrenals - Yearbook of Pediatric Endocrinology. Invited lecture at the 53rd European Society for Pediatric Endocrinology Meeting, Dublin, Ireland (September 18-20, 2014).
64. Charmandari E. (2014) Development of a national system for the prevention and management of obesity in childhood and adolescence. Invited lecture at the 1st Panhellenic Congress on Diabetes, Metabolic Syndrome and Obesity, Athens, Greece (October 10-12, 2014).
65. Charmandari E. (2014) Circadian endocrine rhythms: The HPA axis and its actions. Invited lecture at the International Congress on Stress, Chronic Inflammation and Nutrition, Venice, Italy (October 17-18, 2014).
66. Charmandari E. (2015) The year in Pediatric Endocrinology. Invited lecture at the Annual Endorama Meeting, Patras, Greece (January 30-31, 2015).
67. Charmandari E. (2015) Assessment of the effectiveness of interventions of diet and exercise in overweight and obese children and adolescents. Invited lecture at the 9th Meeting of the Hellenic College of Pediatrics, Athens, Greece (March 13-14, 2015).
68. Charmandari E. (2015) Assessment of the effectiveness of interventions of diet and exercise in overweight and obese children and adolescents. Invited lecture at the 9th Meeting of the Hellenic College of Pediatrics, Athens, Greece (March 13-14, 2015).
69. Charmandari E. (2015) Early puberty: Is treatment with GnRH analogues necessary? Invited lecture at the 48th Annual Treatment Update of the First Department of Pediatrics, University of Athens Medical School, Athens, Greece (April 17-19, 2015).
70. Charmandari E. (2015) Rare causes of adrenal failure. Invited lecture at the IPOKRATES Meeting, Athens, Greece (April 20-22, 2015).
71. Charmandari E. (2015) Prevention and management of childhood obesity in our country: Development of a national system for documentation and therapeutic management. Invited lecture at the Novonordisk Meeting, Athens, Greece (April 24-25, 2015).
72. Charmandari E. (2015) Clinical Research. Invited lecture at the ESPE Science School Meeting, Annecy, France (June 3-6, 2015).
73. Charmandari E. (2015) Development of a national system for documentation and therapeutic management of childhood obesity. Invited lecture at the 41st Panhellenic Medical Society Meeting, Athens, Greece (June 10-13, 2015).
74. Charmandari E. (2015) Growth Hormone insufficiency and treatment in survivors of childhood malignancy. Invited lecture at the 41st Panhellenic Medical Society Meeting, Athens, Greece (June 10-13, 2015).

75. Charmandari E. (2015) Adrenals - Yearbook of Pediatric Endocrinology. Invited lecture at the 54th European Society for Pediatric Endocrinology Meeting, Barcelona, Spain (October 1-3, 2015).
76. Charmandari E. (2015) Prevention and management of childhood obesity: Development of a National System of electronic documentation and therapeutic guidance. Invited lecture at the 13th Panhellenic Meeting of Nutrition and Dietetics, Athens, Greece (November 27-29, 2015).
77. Charmandari E. (2015) Development of a National System for the prevention and management of overweight and obesity in childhood and adolescence in Greece. Invited lecture at the eHealth Forum 2015, Athens, Greece (December 3-4, 2015).
78. Charmandari E. (2015) Congenital adrenal hyperplasia: Transition to adulthood. Invited lecture at the Hellenic Pediatric Endocrinology Meeting on Gonadal Disorders, Athens, Greece (December 12, 2015).
79. Charmandari E. (2016) Congenital adrenal hyperplasia. Invited lecture at the Hellenic Pediatric Endocrinology Meeting, Athens, Greece (February 27-28, 2016).
80. Charmandari E. (2016) Prevention and management of obesity in childhood and adolescence: Development of a National System of electronic documentation and therapeutic guidance. Invited lecture at the 11th Panhellenic Meeting of Public Health, Athens, Greece (March 21-23, 2016).
81. Charmandari E. (2016) Prevention and Management of Childhood Obesity: Development of a National System of Electronic Documentation and Guidance for the Prevention and Management of Childhood Obesity. Invited lecture at the 12th Annual Pediatric Meeting 'Earinai Pediatrikai Hmerai', Corfu, Greece (April 21-33, 2016).
82. Charmandari E. (2016) Molecular Mechanisms of Glucocorticoid Action – Syndromes of Generalized Glucocorticoid Resistance and Hypersensitivity. Invited Lecture at the 'Hot Topics in Pediatric Endocrinology' Meeting, Stocholm, Sweeden (May 12, 2016).
83. Charmandari E. (2016) Adrenals - Yearbook of Pediatric Endocrinology. Invited lecture at the 55th European Society for Pediatric Endocrinology Meeting, Paris, France (September 10-12, 2016).
84. Charmandari E. (2016) National System for the Prevention and Management of Childhood Obesity. Invited lecture at the '26th ECOG Congress, Thessaloniki, Greece (October 6-8, 2016).
85. Charmandari E. (2016) Development of a National e-Health System for the Prevention and Management of Childhood Obesity. Invited lecture at the '2nd Congress of Pharmacogenomics and Personalized Diagnosis and Therapy' Meeting, Athens, Greece (November 4-6, 2016).
86. Charmandari E. (2016) 'Loose Weight – Gain Life': Development of a National System of Electronic Documentation and Guidance for the Prevention and Management of Childhood Obesity. Invited lecture at the '7th Panhellenic Congress of Atherosclerosis' Meeting, Athens, Greece (December 1-3, 2016).

A. Ερευνητικά Προγράμματα που επιχορηγήθηκαν

1. **ENTER Grant** - Λειτουργικός Χαρακτηρισμός των Μεταλλάξεων F737L και D401H του Ανθρώπινου Γλυκοκορτικοειδικού Υποδοχέα άλφα (hGRα), οι οποίες συνοδεύονται από Γενικευμένη Αντίσταση στα Γλυκοκορτικοειδή - *Ευρωπαϊκή Ένωση – Ευρωπαϊκό Κοινωνικό Ταμείο και Υπουργείο Ανάπτυξης – Γενική Γραμματεία Έρευνας και Τεχνολογίας* – 78,000 Ευρώ, 2007 – 2009.
2. Chrousos GP (PI), Charmandari E (Co-PI). Gas5 and Obesity – *Ministry of Health, Athens, Greece*– 10,000 Euros; 2009 - 2010.
3. Chrousos GP (PI), Charmandari E (Co-PI). Molecular mechanisms of membrane glucocorticoid receptor action – *Hrakteitos, Ministry of Education, Athens, Greece* – 45,000 Euros; 2010 - 2013.
4. Charmandari E (PI). Molecular mechanisms of nongenomic glucocorticoid actions – *Hellenic Endocrine Society, Athens, Greece* – 5,000 Euros; 2011 - 2012.
5. Chrousos GP (PI), Charmandari E (Co-PI). Molecular mechanisms and clinical implications of glucocorticoid receptor action – *Thalis, Ministry of Education, Athens, Greece* – 600,000 Euros; 2011 – 2015.
6. Charmandari E (PI). Prevention and management of overweight and obesity in childhood and adolescence – *ESPA, Ministry of Health, Athens, Greece* – 1,000,000 Euros; 2012 – 2014.
7. Charmandari E (PI). Molecular mechanisms of tissue sensitivity to glucocorticoids – *Hellenic Endocrine Society, Athens, Greece* – 5,000 Euros; 2013 - 2015.
8. Delopoulos A (PI), Charmandari E (Co-PI). Big data against childhood Obesity – *Horizon 2020 Framework Programme H2020-SC1-2016-2017 (H2020-SC1-2016-CNECT)* – 134,000 Euros; 2017 – 2020.

ΜΕΛΟΣ ΣΥΝΤΑΚΤΙΚΩΝ ΕΠΙΤΡΟΠΩΝ ΚΑΙ ΔΙΟΙΚΗΤΙΚΩΝ ΣΥΜΒΟΥΛΙΩΝ ΕΠΙΣΤΗΜΟΝΙΚΩΝ ΕΤΑΙΡΕΙΩΝ

1. Associate Editor, *Pediatrici* (2008 – 2011)
2. Associate Editor, *Clinicae Paediatricae Universitatis Atheniensis* (2009 – Present)
3. Associate Editor, *Yearbook of Pediatric Endocrinology* (2010 – Present)
4. Chair, Committee for Approval of Growth Hormone Treatment (2011 – 2016)
5. Γενική Γραμματέας, Ελληνικό Κολλέγιο Παιδιάτρων (2014 – Present)
6. Γενική Γραμματέας, Ελληνική Εταιρεία Παιδιατρικής και Εφηβικής Ενδοκρινολογίας (2015 – Present)
7. Committee for Approval of Growth Hormone Treatment (2016 - Present)
8. Chair, Clinical Practice Committee of ESPE (2016 – Present)
9. ESPE Council (2016 – Present)

TAKTIKO MEΛΟΣ ΕΠΙΣΤΗΜΟΝΙΚΩΝ ΕΤΑΙΡΕΙΩΝ

1. The Endocrine Society (2000 – Present)
2. European Society for Pediatric Endocrinology (ESPE) (1998 – Present)
3. ESPE Clinical Practice Committee (2011 – Present)
4. ECOS International Scientific Steering Committee (2011 – Present)
5. ESPE Science School Committee (2013 – Present)
6. Ελληνικό Κολλέγιο Παιδιάτρων (2011 – Present)
7. Ελληνική Εταιρεία Παιδιατρικής και Εφηβικής Ενδοκρινολογίας (2008 – Present)
8. Ελληνική Ενδοκρινολογική Εταιρεία (2008 – Present)
9. Ελληνική Ιατρική Εταιρεία Παχυσαρκίας (2008 – Present)
10. Society for Endocrinology (1998 – 2012)
11. British Society for Pediatric Endocrinology and Diabetes (1998 – 2012)
12. Knowledge Network Forum on the Advances of Growth Hormone Research (2010-2012)
13. European Society for Clinical Investigation (2012 – 2014)