

CURRICULUM VITAE



First Name: **Andrea Paola**
Surname: **Rojas Gil**
Date of birth: 27 06 1971
Place of birth: Ibague Tolima, Colombia
Nationality: Colombian, Greek
Country of residence: Greece
e-mail: arojas@uop.gr, apaola71@yahoo.com.mx

Studies:

1977-1981 Primary School (Escuela Anexa Femenina, Colombia)
1981-1987 Secondary School (Liceo Nacional, Colombia)
1988-1989 Czech language school
1989-1994 Studies in Molecular Biology and Genetics at the Faculty of Natural Sciences, Charles University, Prague, Czech Republic (scholarship from UNESCO)
1992-1994 Master Thesis Work: *The impact of phosphorylation on transactivation properties of v-myb oncoprotein* (Institute of Molecular Genetics, Department of Molecular Virology
Supervisor: Dr. Michal Dvorak
1994 Master Degree at the Faculty of Natural Sciences, Charles University
1994 –1998 Ph.D. studies in Biomedicine at the branch of Molecular and Cellular Biology of the Department of Microbiology and Genetics, Charles University (Grant from the Ministry of Education, Czech Republic)

Ph.D. Thesis Title: "Papillae tumors on colonies of the yeast *Saccharomyces Cerevisiae* and the phenomenon of Cairnsian mutations" / Supervisor: Prof. Vladimir Vondrejs

1999 Ph.D. degree from the Faculty of Natural Sciences, Charles University

2014- 2017 Master degree in Clinical Dietology and Nutrition. Xarokopeio University Athens, Greece

Languages: Spanish, English, Czech, Greek

Courses and research activities:

1994 Advances in PCR technology and its application

1994 Advances in Molecular Biology and Genetics (Academy of Sciences of the Czech Republic)

1994 4th European Congress of Cellular Biology

1995 Cellular and Molecular Biology of the plant regeneration

1995 Molecular Diagnosis (III Faculty of Medicine, Prague)

1995 Advances in Biology of the Yeast (Faculty of Microbiology, Charles University)

1996 1st World Congress in Oncology (Athens-Greece)

1996 Three-month stay in the Laboratory of Molecular Biology, Department of Genetics, University of Patras, Greece (Dr. A. Mintzas)

1997-1998 Research Fellow in the Laboratory of Molecular Biology, Department of Genetics, Developmental and Cellular Biology, University of Patras, Greece (Assistant Prof. A. Mintzas and Prof. A. Zacharopoulou)

1999 Research Fellow in the Laboratory of Microbiology, Department of Genetics and Microbiology, Faculty of Sciences, Charles University, Prague, Czech Republic (4 months)

2000 4th Postgraduate Course in Molecular and Cellular Endocrinology Como, Italy (May)

2000 EMBO Course on Microinjection and Detection of Probes in Cells
EMBL, Heidelberg, Germany (June)

Appointments:

1992-1994 Technical Assistant in the Institute of Molecular Genetics of the
Department of Molecular Virology

1994 –1997 Assistant Scientist in the Faculty of Natural Sciences, Department of
Microbiology and Genetics, Charles University

1997-1998 Assistant Scientist in the Laboratory of Molecular Biology,
Department of Genetics, Developmental and Cellular Biology,
University of Patras, Greece (Assistant Prof. A Mintzas and Prof. A
Zacharopoulou)

1999- 2001 Postdoctoral Fellow in the Laboratory of Biological Chemistry,
School of Medicine, University of Patras (Prof. Athanasios G.
Papavassiliou)

1999-2006 Postdoctoral Fellow in the Laboratory of Molecular Pediatric
Endocrinology, School of Medicine, University of Patras (Prof.
Bessie Spiliotis)

2006-2010 Scientific Collaborator, responsible of the Laboratory of Pediatric
Endocrinology School of Medicine, University of Patras (Prof.
Bessie Spiliotis)

2009 Visiting Profesor (Lecturer) at the University of Peloponisos School
of Nursing

2009 Visiting assistant professor at the University of Valle, Cali
Colombia, Department of Human Genetics.

2010-2014 Lecturer in Biology- Biochemistry at the University of Peloponiso
School of Nursing School.

2011 Visiting assistant professor at the University of Valle, Cali
Colombia, Department of Nursing.

2014- Today Assistant Professor of Biology and Biochemistry at the University of
Peloponese School of Nursing School. Director of the Laboratory of
Biology and Biochemistry

Awards

2002

Greek Endocrinology Society. First award Novartis (29th Greek Congress Endocrinology and Metabolism.

2002

Award « Σωτήρης Παπασταματης» 28th Greek Congress of Medicine (ΕΠΙΣ) from the Greek Medicine Association

2003

Travel Grant Award. The Endocrine Society`s 85th Annual Meeting. Pennsylvania.USA.

2003

Travel Grant Award ESPE 42nd Annual Meeting Slovenia

2004

Award“Health and Child” Procter and Gamble

2005

Travel Grant Award ESPE 44nd Annual Meeting France

2006

Travel Grant Award 45nd Annual Meeting of ESPE Rotterdam Holland

2009

Award for the best presentation, 30^o Congress of the Greek Diabetic Association.

2010

Award from the Greek Obesity Association for the best presentation in basic research during the 8th obesity congress

2013

Greek Endocrinology Society. Award for the best publication in Basic Endocrinology During 2012 in Greece

2013

3th award of the **Greek Association for Cardiovascular Risk**

2013

Awards for the best oral and research presentation in 11o polythematic medical conference

2014

Award for the **best oral presentation in 41o Greek Nursing Conference**

2014

Award for the **best oral presentation** in 41^o Greek Nursing Conference

2014

Award for the **best oral presentation** in the 2o Greek Psychical Health Conference

2015

Award for the **best oral presentation** in 5o Greek Psychiatric Conference

2016

Award for the **best oral presentation** in in 43^o Greek Nursing Conference

2018

Award for the best oral presentation in in 45^o Greek Nursing Conference

PUBLICATIONS

Original research papers in scientific journals:

1. Storchová, Z., **Rojas-Gil, A-P.**, Vlasák, V., Janderová, B., Vondrejs, V. (1997) Accumulation of Ade⁺ reversions in isoauxotrophic strains of *Saccharomyces cerevisiae* allelic in *RAD6* during adenine starvation, *Folia Microbiol.* 42: 47 - 51.
2. **Rojas-Gil, A-P.**, Storchová, Z., Vondrejs, V. (1997) Uracilles death and papilla formation in *rad6-1* polyauxotrophic strains of *Saccharomyces cerevisiae*. *Folia Microbiol.* 42 (557-561).
3. Storchová, Z., **Rojas-Gil, A-P.**, Vondrejs, V. (1998) The involvement of the *RAD6* gene in starvation-induced reverse mutation in *Saccharomyces cerevisiae*. *Molecular and General Genetics*, 258: 546-552.
4. **Rojas-Gil, A-P.**, Vondrejs, V. (1999) Development of papillae on colonies of two isopolyauxotrophic strains of *Saccharomyces cerevisiae* allelic in *RAD6* under various conditions. *Folia Microbiol.* 44 (3): 299-305.

5. Vondrejs, V., Vlasák, J., **Rojas-Gil, A-P.**, Storchová, Z. (1995) The ubiquitination system in *Saccharomyces cerevisiae*. *Biol. list.* **60** (4): 275-292. (Review-Czech).
6. Ziros, P.G., **Rojas-Gil, A-P.**, Georgakopoulos, T., Habeos, I., Kletsas, D., Basdra, E.K., Papavassiliou A.G. (2002) The bone-specific transcriptional regulator Cbfa1 is a target of mechanical signals in osteoblastic cells. *J Biol Chem* **28**; 277 (26): 23934-41.
7. Kalosaka, K., Chrysanthis, G., **Rojas-Gil, A-P.**, Theodoraki, M., Gourzi, P., Kyriakopoulos, A., Tatari, M., Zacharopoulou, A. and Mintzas, A.C. (2006). Evaluation of the activities of the medfly and *Drosophila hsp70* promoters *in vivo* in germ-line transformed medflies *Insect Mol Biol.* **15** (3):373-82.
8. **Rojas-Gil, A-P.**, Ziros, PG., Diaz, L., Kletsas, D., Basdra, E., Alexandridis, T K., Zadik, Z., Frank, S., Papathanasopoulou, B., Beratis, N., Papavassiliou, A G., Spilioti, B.E. (2006) Growth Hormone / JAK–STAT Axis Signal Transduction Defect: A Novel Treatable Cause of Growth Failure. *FEBS J.* **273** 3435-3466.
9. **Rojas-Gil, A-P.** * Ziros, P.*, Kanetsis, E., Papathanasopoulou, B., Papabassiliou A. G. Spiliotis B.E. (2007) Combined effect of the mutations in the GH1 gene and its proximal promoter region of in a child with growth hormone Neurosecretory Dysfunction (GHND) *J Mol Med.*;85(9):1005-13. *Equal contribution
10. A. Dettoraki, **A. P. Rojas Gil.** B. E. Spiliotis (2009) Association between serum levels of soluble receptor (sRAGE) for Advanced Glycation Endproducts (AGEs) and Receptor for AGEs (RAGE) protein expression in peripheral blood mononuclear cells (PBMCs) in subjects with type I diabetes mellitus (IDDM) *J. Pediatr Endocrinol Metab* **22**(10): 895-904.
11. Karvela A, **Rojas-Gil AP.** Samkinidou E, Papadaki H, Pappa A, Georgiou G, Spiliotis BE. (2010). Endocannabinoid (EC) receptor, CB1, and EC enzymes' expression in primary adipocyte cultures of lean and obese pre-pubertal children in relation to adiponectin and insulin. *J Pediatr Endocrinol Metab.* 2010 Oct;23 (10):1011-24.
12. **Andrea Paola Rojas Gil** *, Eirini Kostopoulou , Ioulia Karageorgou , Konstantinos Kamzelas and Bessie Eugenia Spiliotis (2012) Increased growth hormone receptor (GHR)degradation due to over-expression of cytokine inducible SH2 domain-containing protein (CIS) as a cause of GH transduction defect

(GHTD) * **Corresponding Author.** J Pediatr Endocr Met 2012; 25(9-10): 897–908

13. Nikolitsa Koutroumani , Ioanna Partsalaki , Fotini Lamari , Athina Dettoraki **Andrea Paola Rojas Gil** , Alexia Karvela , Eirini Kostopoulou and Bessie E. Spiliotis (2013) Protective mechanisms against oxidative stress and angiopathy in young patients with diabetes type 1 (DM1) Journal of Pediatric Endocrinology and Metabolism. Volume 26, Issue 3-4, Pages 309–317
14. Sofia Zyga, Colin A Hutchison, Stephanie Stringer, **Andrea Paola Rojas Gil**, Georgia Christopoulou, Paraskevi Giata, Maria Malliarou (2014) Inflammation and endothelial dysfunction in the initiation and propagation of cardiovascular disease in patients with chronic kidney disease. British Journal of Medicine & Medical Research 4(13): 2568-2580.
15. Eleni Grouni, Maria Tsironi, Panayiotis Prezerakos, Georgios I. Panoutsopoulos, **Andrea Paola Rojas Gil**, Victoria Alikari, Sofia Zyga, (2014) Correlation of presence of endogenous causative or aggravating factors as to the occurrence of pressure ulcers in patients of intensive care units, Perioperative Nursing 3, (3) 127-133.
16. Anna Maria Pistikou, Sofia Zyga, Athanasios Sachlas, Maria Efthymia Katsa, Maria Daratsianou and **Andrea Paola Rojas Gil**. (2014) Determinative Factors of being an Effective Health-care Role Model. International Journal of Occupational Health and Public Health Nursing, vol.1, no.3, 2014, 3-14.
17. Panagiotis Andriopoulos , Antonia Kalogerakou, Dimitra Rebelou, **Andrea Paola Rojas Gil**, Sofia Zyga, Vassiliki Gennimata, Maria Tsironi. (2015) Prevalence of Brucella antibodies on a previously acute Brucellosis infected population. Sensitivity, specificity and predictive values of Rose Bengal and Wright Standard Tube Agglutination tests. Infection DOI 10.1007/s15010-015-0748-z
18. Aspioti E., Tsironi M., **Rojas Gil AP.** , Sachlas A , Alikari V. , Zyga S. (2015) Recording and management of abdominal acute pain cases in the emergency department hospital of Peloponnese region. A case study. Interscientific Health Care (2015) Vol 7, Issue3, 118-127.
19. S. Tahtsidou, T. Bellali, V. Alikari, **A.P. Rojas Gil**, G. Panoutsopoulos , J. Stathoulis , S. Zyga. (2016). The effect of dependence on mobile phones and computers on the lifestyle and health of nursing students at the University of the Peloponnese. Archives of Hellenic Medicine, 33:1–14

20. Kargakou Aikaterini, Sachlas Athanasios, Lyrakos N. Georgios, Zyga Sofia, Tsironi Maria and **Rojas Gil Andrea Paola** (2015) Association between optimism, dietary habits, lifestyle and general health self-assessment: a pilot study. *International Journal of Health and Psychology Research*. Vol.1, No.3, pp.13-28.
21. Kostopoulou E, **Rojas-Gil AP**, Karvela A, Spiliotis BE. (2017) Epidermal growth factor receptor (EGFR) involvement in successful growth hormone (GH) signaling in GH transduction defect. *J Pediatr Endocrinol Metab*. 2017 Jan 18. pii: /j/jpem.ahead-of-print/jpem-2016-0189/jpem-2016-0189.xml. doi: 10.1515/jpem-2016-0189.
22. Labrinakou Stavroula*, Katsa Maria Efthymia*, Zyga Sofia, Ioannidis Anastasios, Sachlas Athanasios, Panoutsopoulos Georgios, Pistikou Anna Maria, Magana Maria, Kougioumtzi Dimoligianni Dafni Eleni, Kolovos Petros, **Rojas Gil Andrea Paola**. (2017) Correlations between nutrition habits, anxiety and metabolic parameters in Greek healthy adults. *Adv Exp Med Biol*. 2017;987:23-34. doi: 10.1007/978-3-319-57379-3_3.
23. Aikaterini Kargakou, Athanasios Sachlas, Georgios Lyrakos, Sofia Zyga, Maria Tsironi, Andrea Paola Rojas Gil. (2017) Does health perception, dietary habits and lifestyle effect optimism? A quantitative and qualitative study. *Adv Exp Med Biol*. 2017;988:49-61. doi: 10.1007/978-3-319-56246-9_4.
24. Paraskevi Patra , Alikari Victoria, Evangelos Fradelos, Athanasios Sachlas, Michael Kourakos, **Andrea Paola Rojas Gil**, Fotoula Babatsikou, Sofia Zyga. (2017) Assessment of depression in elderly. Is perceived social support related? A nursing home study. *Adv Exp Med Biol*. 2017;987:139-150. doi: 10.1007/978-3-319-57379-3_13
25. Maria Efthymia Katsa, Anastasios Ioannidis, Sofia Zyga, Maria Tsironi, Paraskevas Koutsovitis, Stylianos Chatzipanagiotou, Demosthenes Panagiotakos, Athanasios Sachlas, Petros Kolovos, Kleopatra Routsis, Anna Maria Pistikou, Dafni Eleni Kougioumtzi Dimoliani, **Andrea Paola Rojas Gil**. (2018) The Effect of Nutrition and Sleep Habits on Predisposition for Metabolic Syndrome in Greek Children. *J Pediatr Nurs*. 2018 May - Jun;40:e2-e8. doi: 10.1016/j.pedn.2018.01.012. Epub 2018 May 7.
26. Notara V, Antonogeorgos G, Prapas C, Velentza A, Kordoni ME, Manifava E, **Rojas-Gil AP**, Kornilaki EN, Panagiotakos DB. (2018) Gender impact on

- children's knowledge and perceptions regarding cardiovascular disease risk factors: A school-based survey in Greece. *J Educ Health Promot.* Aug 2;7:102. doi: 10.4103/jehp.jehp_28_18. eCollection 2018.
27. Oikonomou E, Kostopoulou E, **Rojas-Gil AP**, Georgiou G, Spiliotis BE. (2018) Adipocyte aquaporin 7 (AQP7) expression in lean children and children with obesity. Possible involvement in molecular mechanisms of childhood obesity. *J Pediatr Endocrinol Metab.* Oct 25;31(10):1081-1089. doi: 10.1515/jpem-2018-0281.PMID: 30226208
 28. Notara V, Antonogeorgos G, Kordoni ME, Sakellari E, Prapas C, Velentza A, Manifava E, **Rojas-Gil AP**, Kornilaki EN, Lagiou A, Panagiotakos DB (2018) Family characteristics and children's knowledge of cardiovascular risk factors. *Pediatr Int.* Dec;60(12):1081-1089. doi: 10.1111/ped.13710. Epub 2018 Dec 10.
 29. Kostopoulou E, **Rojas Gil AP**, Spiliotis BE (2018) The role of p21/CIP1/WAF1 (p21) in the negative regulation of the growth hormone/growth hormone receptor and epidermal growth factor/epidermal growth factor receptor pathways, in growth hormone transduction defect. *Ann Pediatr Endocrinol Metab.* Dec;23(4):204-209. doi: 10.6065/apem.2018.23.4.204. Epub 2018 Dec 31
 30. Andriopoulos P, Floros D, Gioti N, Mariolis A, **Rojas Gil AP**, Tsironi M. Brucella Seroprevalence in a High-Risk Population in Greece: A Cross-Sectional Study. *Interdiscip Perspect Infect Dis.* 2018 Dec 25;2018:8751921. doi: 10.1155/2018/8751921.
 31. Gioldasi S, Karvela A, **Rojas-Gil AP**, Rodi M, de Lastic AL, Thomas I, Spiliotis BE, Mouzaki A. (2019) Metabolic Association between Leptin and the Corticotropin Releasing Hormone. *Endocr Metab Immune Disord Drug Targets.* Feb 6. doi: 10.2174/1871530319666190206165626.
 32. Maria Efthymia Katsa, Anastasios Ioannidis, Athanasios Sachlas, Ioannis Dimopoulos, Stylianos Chatzipanagiotou, **Andrea Paola Rojas Gil** (2019) Further insight into the role of TG/HDL ratio and Uric Acid as predisposing factors for Metabolic Syndrome in healthy children. *Ann Pediatr Endocrinol Metab*, Accepted, under publication.
 33. Notara V, Antonogeorgos G, Prapas C, Velentza A, Kordoni ME, Manifava E, **Rojas-Gil AP**, Kornilaki EN, Panagiotakos DB. (2019) Parental weight status and early adolescence body weight in association with socioeconomic factors. *Journal of Education and Health Promotion.* Accepted, under publication.

International Conference Papers

1. **Rojas-Gil, A-P.**, Storchová, Z., Vondrejs, V. (1995): Tumours of yeast colonies. *Int. J. Oncology* 7:309.
2. **Rojas-Gil, A-P.**, Storchová, Z., Vlasák, J., Janderová, B., Vondrejs, V (1995): Late-arising mutations in *rad6* strains of *Saccharomyces cerevisiae*. *Folia Microbiol.* 40:560.
3. **Rojas-Gil, A-P.**, Storchová, Z., Vondrejs, V. (1995): Uracil-less death of *rad6* mutants of *Saccharomyces cerevisiae*. *Folia Microbiol.* 40: 560.
4. **Rojas-Gil, A-P.**, Vondrejs, V. (1995): Tumours on colonies of *rad6* mutants in *Saccharomyces cerevisiae* . *Folia Microbiol.* 40: 566.
5. **Rojas-Gil, A-P.**, Vondrejs, V. (1995): Use of *ade2* for estimating the moment of mutation in *Saccharomyces cerevisiae*. *Folia Microbiol.* 40: 561.
6. Vlasák, J., **Rojas-Gil, A-P.**, Janderová, B., Vondrejs, V., Angelis, K. (1995): Dependence of killing and induced mutagenesis of *Saccharomyces cerevisiae rad6* mutants on the wavelength of UV radiation. *Folia microbiol.* 40: 566.
7. **Rojas-Gil, A-P.**, Storchova, Z., Vondrejs, V. (1996): Effect of osmotic stabilization on viability of *rad6-1* mutants of *Saccharomyces cerevisiae*. *Folia Microbiol.* 41: 288.
8. **Rojas-Gil, A-P.**, Vondrejs, V. (1996): Qualitative and Quantitative analysis of papilla formation under various conditions of adenine starvation in *Saccharomyces cerevisiae*. *Folia Microbiol.* 41: 288.
9. **Rojas-Gil, A-P.**, Bartošová, M., Storchová, Z., Vondrejs, V. (1997): Growth of colonies and topology of papilla formation in *Saccharomyces cerevisiae*. *Folia microbiol.* 42:650.
10. Storchová, Z., **Rojas-Gil, A-P.**, Janderová, B., Vondrejs, V. (1998): Adaptive mutation in yeast *Saccharomyces cerevisiae*. Kongres Československé společnosti mikrobiologické. Hradec Kralové abst. p.71. Czech Republic.
11. **Rojas-Gil, A-P.**, Čejka, P., Hlavatá, L., Vondrejs, V. (1998): Charakterizace papil na koloniích *Saccharomyces cerevisiae* BJC3. Abstrakta, XXVII. výroční konference o kvasinkách, Smolenice (13. – 15.5.), str. 61. Czech Republic.

12. Storchová, Z., **Rojas-Gil, A-P**, Vondrejs, V. (1998): Vliv inaktivace různých genů na mutagenezi indukovanou specifickým hladověním u *Saccharomyces cerevisiae*. Abstrakta, XXVII. výroční konference o kvasinkách, Smolenice (13. – 15. 5.) str. 60. Czech Republic.
13. **Rojas-Gil, A-P**, Vondrejs, V. Storchová, Z. (1998): Papilla formation in related strains of *S. cerevisiae* (*ade2-1*) under adenine-starvation. XIX International conference on yeast genetics and molecular biology. Rimini. Italy. (Poster)
14. Storchová, Z., **Rojas-Gil, A-P**, Vondrejs, V. (1998): Starvation-associated (adaptive) mutation in *Saccharomyces cerevisiae*. XIX International conference on yeast genetics and molecular biology. Rimini. Italy. (Poster)
15. Kokolakis, G. Papadimitriou, E., Chrisanthis, G., **Rojas-Gil, A-P**, Kalosaka, K., Chrisanthakopoulou, B., Zacharopoulou, A., Mintzas, A. (1999): Heat shock puff, genes and promoters in the Mediterranean fruit fly *Ceratitidis Capitata*. Third International Workshop on transgenesis of Invertebrate Organism. Orthodox Academy of Crete. Kolymbari, Crete, Grece.
16. Ziros, P.G., **Rojas-Gil, A-P**, Georgakopoulos, T, Basdra, E.K., Papavassiliou, A.G. (2002) “Targeting of Mechanical Signals to the Osteoblast-Specific Transcriptional Regulator Cbfa1.” “9th Workshop on Cell Biology of Bone and Cartilage in Health and Disease” Davos Switzerland, March 16-19.
17. Ziros, PG, **Rojas-Gil, A-P**, Georgakopoulos, T, Habeos, I, Kletsas, D, Basdra, EK, Papavassiliou, AG. (2002) The bone-specific transcriptional regulator Cbfa1 is a target of mechanical signals in osteoblastic cells. 29th European Symposium on Calcified Tissues. Zagreb Croatia May 25-29.
18. **Rojas-Gil, A-P**, Ziros, P., Diaz, L., Kletsas, D., Basdra, E.K., Alexandridis, T., Beratis, N.G., Papavassiliou, A.G., Spiliotis, B.E (2002) Molecular profiles of the GH/IGF-I axis in fibroblasts of children with bioinactive GH: New insights into the defect. ESPE. Madrid Spain September.
19. **Rojas-Gil, A-P**, Papathanasopoulou, B, Kanetsis, E., Karinos, T., Ziros, PG., Basdra, EK., Alexandridis, T., Beratis, NG., Papavassiliou, AG., Spiliotis, BE. (2003) Novel Aberrant splicing of the GH1 gene as a cause of idiopathic short stature. 12th Balkan Congress of Endocrinology and 30th Pan-Hellenic Congress of Endocrinology Thessalonica May 21-25.

20. Habeos, I., Ziros, P.G., Georgakopoulos. T., **Rojas-Gil, A-P**, Vagenakis, A., Papavassiliou. A.G. (2003) “Mechanism of statin action on triglyceride metabolism” “12th Balkan Congress of Endocrinology and 30th Congress of the Greek Endocrine Society” Thessalonica May 21-25.
21. **Rojas-Gil, A-P**, Ziros, P., Diaz, L., Kletsas, D., Basdra, E.K., Alexandridis, T., Propona, A., , B., Beratis, N.G., Papavassiliou, A.G., Spiliotis, B.E (2003) GH signal transduction defect: Open the black box of idiopathic short stature. The Endocrine Society’s 85th Annual Meeting. Pennsylvania.USA. June 19-21.
22. **Rojas-Gil, A-P**, Papathanasopoulou, B, Kanetsis, E., Nikolakopoulou, N., Karinos, T., Dimitracopoulos, A., Ziros, P.G., Basdra, E.K., Alexandridis, T., Beratis. N.G., Papavassiliou, AG., Spiliotis, B.E. (2003). Novel Aberrant splicing of the growth hormone gene as a cause of familial bioinactive growth hormone. ESPE 42nd Annual Meeting 18-21 September, Ljubljana Slovenia.
23. Ziros, P.G., Nikolakopoulou, N.M., **Rojas-Gil, A-P**, Chatzantoni, K. , Mouzaki, A., Eliopoulou, M.I., Alexandrides, T.K., Spiliotis, B.E. (2004). Novel Mutations of the melanocortin 4 receptor gene ESPE 43nd Annual Meeting 10-13 September, Basel, Switzerland.
24. **Rojas-Gil, A-P.**, Ziros, P., Karageorgou, I., Spiliotis, B.E. (2005). Negative regulation of the GH/IGF-I pathway is implicated in the pathogenesis of Growth Hormone Transduction Defect (GHTD). ESPE 42nd Annual Meeting Lyon, France
25. Ziros, P., **Rojas-Gil, A-P.**, Kanetsis, E.,Nikolakopoulou, N.M., Spiliotis, B.E. (2005) Novel Mutations of the GH-1 gene in a child with GH Neurosecretory Dysfunction (GHND) ESPE 42nd Annual Meeting Lyon, France
26. **Rojas-Gil, A-P.**, Ziros, P., Karageorgou, I., Papavassiliou, A. Spiliotis, B. (2006) Defecto en la Transducción de Señales de la Hormona de Crecimiento Como Resultado de la Regulación Negativa y Activación Defectuosa del Eje GH/IGF-I . International Congress of Genetics. Bucaramanga Feb. Colombia
Rojas-Gil, A-P., Ziros, P., Karageorgou, I., Papavassiliou, A. Spiliotis, B. (2006) Defecto en la Transducción de Señales de la Hormona de Crecimiento Como Resultado de la Regulación Negativa y Activación Defectuosa del Eje GH/IGF-I . International Congress of Genetics. Bucaramanga Feb. Colombia

27. Ziros, P., **Rojas-Gil, A-P.**, Kanetsis, E., Spiliotis, B.E. (2006) Two novel mutations in the promoter region of GH1 gene in a child with GH Neurosecretory Dysfunction (GHND) attenuate the DNA binding activity of Pit1 transcription factor. ESPE 43nd Annual Meeting. Rotterdam Holland. Hormone Research 65:21-21 · January 2006
28. Karvela A., **Rojas-Gil, A-P.**, Papadaki H., Avgeropoulos A., Varakis J., Georgiou G., Spiliotis B.E. (2006) The involvement of adiponectin receptor 1 (AdipoR1) and peroxisome proliferator-activated receptor γ (PPAR- γ) in adipocyte differentiation in obese children. ESPE 43nd Annual Meeting. Rotterdam Holland.
29. **Rojas-Gil, A-P.**, Karageorgou, Ioulia, Basdra, Efthymia, Varakis, John, Papavasiliou, Athanasios, Spiliotis, Bessie E. (2006) Enhanced inhibition of the GH transduction pathway by CIS in patients with Growth Hormone Transduction Defect (GHTD) is possibly overcome by Epidermal Growth Factor (EGF) administration. ESPE 43nd Annual Meeting. Rotterdam Holland.
30. **Rojas-Gil A-P.**, Karageorgou, Ioulia, Ziros Panos Basdra, Efthymia, Varakis, John, Papavasiliou, Athanasios, Spiliotis, Bessie E. (2007) Enhanced protein degradation of the GHR/JAK2 complex through the proteasomes as a cause of abnormal GH signaling in GH Transduction Defect (GHTD) . ESPE 44nd Annual Meeting. Helsinki Finland. Horm Res Paediat (suppl 1)
31. Karvela Alexia, **Rojas-Gil A-P.**, Pappa Alik, Papadaki Helen, Samkinidou Eustratia, Varakis John, Georgiou George, Spiliotis Bessie E. (2007) Expression of AdipoR1, PPAR- γ and CB1 in adipocyte primary cultures and serum Adiponectin in childhood obesity. ESPE 44nd Annual Meeting. Helsinki Finland. Horm Res Paediat (suppl 1)
32. **Rojas-Gil, AP.**, Karageorgou, I, Ziros P Basdra, E, Varakis, J, Papavasiliou, AG, Spiliotis, BE. (2007) Enhanced protein degradation of the GHR/JAK2 complex through the proteasomes as a cause of abnormal GH signaling in GH Transduction Defect (GHTD). General Meeting of International proteolysis society. Patras, October
33. A. Karvela, **A. P. Rojas-Gil.**, A. Pappa, H. Papadaki, E. Samkinidou , J. Varakis, G. Georgiou, B. E. Spiliotis (2007) Serum adiponectin and expression of

AdipoR1, PPAR- γ and CB1 in primary adipocyte cultures from abdominal adipose tissue of lean pre-pubertal children. ISPAD Berlin

34. A. Karvela, **A. P. Rojas-Gil**, A. Pappa, H. Papadaki, E. Samkinidou , J. Varakis, G. Georgiou, B. E. Spiliotis. (2007) Differences in waist circumference and expression of AdipoR1, PPAR- γ and CB1 in primary adipocyte cultures from abdominal adipose tissue of obese and lean pre-pubertal children. ISPAD Berlin
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Research Interests

My current research interests concern:

- 1) The field of Molecular Endocrinology with emphasis on diabetes, obesity, thyroid and growth disorders and the prevention and treatment of eating disorders at the biochemical, molecular, epidemiological and educational levels.
- 2) The field of Molecular Oncology with emphasis on the effect of olive oil's components in the cell cycle and apoptosis processes in chronic lymphocyte leukemia and myeloma.
- 3) The field of Molecular Oncology with emphasis on the effect of natural honey bee and plant components in the cell cycle and apoptosis processes in neoplastic processes.

