

DIONYSSOPOULOU EVA, PhD

Laboratory Teaching Staff
Department of Environmental and Natural
Resources Management
University of Western Greece, 2 Seferi Str.,
Agrinio, 30100, Greece
tel: +302641074213, +306946-293079
e-mail: edionys@cc.uoi.gr



PERSONAL INFORMATION:

Birthplace: *Agrinio, Greece*

Date of Birth: *03/03/1979*

Citizenship: *Greek*

Languages Spoken: Greek, English (Proficiency), Italian (Intermedio)

EDUCATION:

► **POSTGRADUATE EDUCATION**

2002-2007 : Ph.D. in Medical Sciences – Immunology , Medical School, University of Crete

Title: «The role of L-carnitine in the pathogenesis of endometriosis» ,Supervisor: Professor Athanassakis Irene

► **UNDERGRADUATE EDUCATION**

1997-2001 : Department of Biology, University of Crete, Greece

RESEARCH, PROFESSIONAL AND TEACHING ACTIVITY IN NATIONAL INSTITUTIONS

- **2010 - present:** Teaching laboratory courses of **Environmental Biochemistry, Microbiology, Environmental Microbiology I and II, Molecular and Genetic Engineering, Aquatic Ecosystems & Management** in the Department of Environmental and Natural Resources Management , University of Western Greece.
- **2010 - present:** Research activity in the Laboratory of Molecular Biology and Biochemistry, Department of Environmental and Natural Resources Management , University of Western Greece (Commission of the European Communities (80064): MICROBEGR: Support of the research potential of Western Greece in Environmental Microbiology and Biotechnology)
- **2008 - 2010:** Teaching laboratory courses of Genetics, Genetic Plant Improvement and research activity in the Department of Greenhouse Crops and Floriculture, Higher Technological Educational Institute of Messolonghi.
- **2007 - 2009:** Participation in the research program : Evaluation of health indicators and behaviours among students of Primary School in Agrinio, Laboratory of Nutrition and Clinical Dietetics , Department of Nutrition and Dietetics, Harokopio University of Athens
- **2002 - 2007:** Research activity in the Laboratory of Immunology, Department of Biology,

University of Crete and Department of Obstetrics and Gynaecology, University Hospital of Heraklion (as PhD candidate)

- ▶ **2005 -2006:** Assistant in laboratory courses of Methods in Genetics and Immunology Department of Biology, University of Crete, Greece (as PhD candidate)
- ▶ **2003 – 2006:** Participation in the supervision of 6 diploma thesis, 4 master rotations and 1 master thesis (as PhD candidate)
- ▶ **2002 - 2004:** Research activity in the Laboratory of Neurometabolic Diseases, Medical school (as PhD candidate)

PUBLICATIONS

PUBLICATIONS IN NATIONAL SCIENTIFIC CONGRESSES

Abstracts in Proceeding Books :

1. **Dionyssopoulou Eva** and Irene Athanassakis : *Experimental endometriosis induction in mouse by L-carnitine. 5^o National Congress of Immunology (Athens, 2001) (oral presentation)*
2. Mamoulakis D., Galanakis E., **Dionyssopoulou Eva**, Evaggeliou A., Sbyrakis S.: *Carnitine deficiency in children and adolescents with type 1 diabetes. 40th National Congress of Pediatrics (2002)*
3. **Dionyssopoulou Eva** and Irene Athanassakis: *Immunological Changes of the Peritoneal Cavity in Female Mice. 7^o National Congress of Immunology (Thessaloniki ,2007) (oral presentation)*
4. Augustinos A, **Dionyssopoulou E.**, Papapanagiotou A, Scarvelakis M, Doudoumis E, Marin A, Khadem M, Latorre A, Tsiamis G, Bourtzis K : *Shedding light to the current Wolbachia infection status of aphids: not an easy task... 3rd National MikroBioKosmos conference (Thessaloniki 2010) (poster presentation)*

PUBLICATIONS IN INTERNATIONAL SCIENTIFIC CONGRESSES

Abstracts in Journals:

1. Vassiliadis, S., Matalliotakis, I.M., Goumenou, A.G., **Dionyssopoulou, E.**, Athanassakis, I., and Koumantakis, E.E.: New markers for the diagnosis of endometriosis and its modulation by Danazol. *Gynaecological Endocrinology 15 (suppl.5):95, 2001*
9th World Congress of Gynecological Endocrinology, Hong Kong
2. Vassiliadis S, Matalliotakis IM, Goumenou AG, **Dionyssopoulou E**, Athanassakis I, Koumantakis EE. Novel diagnostic tests for endometriosis. *Fertil Steril. Feb; 77 Suppl 1:S45. 2002*
3. Vassiliadis, S., Matalliotakis, I.M., Goumenou, A.G., **Dionyssopoulou, E.**, Athanassakis, I., Koumantakis, E. Approaching endometriosis by new laboratory techniques. *Adol. Gyn. Reprod. Med.*, 14 (Suppl.3): 273, (2002)
4. G. Delimpasi, P. Miltiadou, D. Afchoudia, **E. Dionyssopoulou**, I. Athanassakis. Soluble class II antigens isolated from maternal serum during pregnancy specifically modulate the immune response. *American Journal of Reproductive Immunology 54 133– 168 (2005)*

Third European Congress of Reproductive Immunology (held jointly with the 6th ESRADI Congress and 10th AASIR Congress), University of Essex, UK

5. **E. Dionyssopoulou**, I. Athanassakis The Role of L-carnitine in the Immunological Changes of the Peritoneal Cavity in Female Mice. *American Journal of Reproductive Immunology* 5th European Congress of Reproductive Immunology, (Berlin, 2007) (**oral presentation**)

Abstracts in Proceeding Books :

1. Vassiliadis S., Matalliotakis I.M., Goumenou A.G., **Dionyssopoulou E.**, Athanassakis, I., Koumantakis, E.E. Novel Diagnostic tests for endometriosis. VIII World Congress on Endometriosis (2002).
2. Vassiliadis S, Matalliotakis IM, Goumenou AG, **Dionyssopoulou E**, Athanassakis I, Koumantakis EE. Approaching endometriosis by new laboratory techniques. 5th International Athens Congress on Woman's Health and Disease: Gynaecologic and Reproductive Issues. (2002)
3. **Dionyssopoulou E.**, Vassiliadis S., Athanassakis I. Constitutive or induced elevated levels of L-carnitine correlates with the cytokine and cellular profile of endometriosis. 15th European Congress of Immunology–EFIS2003 (Rhodes, 2003) (**oral presentation**)
4. **Dionyssopoulou E.**, Vassiliadis S., Evangelidou A., Koumantakis E., Athanassakis I*. Constitutive or induced elevated levels of L-carnitine correlate with the cytokine and cellular profile of endometriosis. International Congress of Endometriosis, Teheran, Iran, 2006. (INVITED SPEAKER)
5. **Dionyssopoulou E.** and Athanassakis I. Immunological effects of L-Carnitine in the aggravation of an already established endometriotic state. 1st Joint Meeting of European National Societies of Immunology 16th European Congress of Immunology - ECI (Paris, 2006) (**oral presentation**)

OTHER PARTICIPATIONS IN CONGRESSES, SEMINARS AND SYMPOSIUMS

- 3^o Balcan Congress of Immunology (Athens, 2001)
- Symposium of Rheumatology Current Issues (Heraklion, 2002)
- Seminar of Genetic Counseling and prenatal diagnosis (Heraklion, 2002)
- 1^o Symposium on Biomedical Research of University of Crete (Heraklion, 2002)
- 1^o National Congress of Endometriosis (Heraklion, 2002)
- 6^o National Congress of Immunology (Thessaloniki ,2004)
- 2^o Symposium on Biomedical Research of University of Crete (Heraklion, 2005)
- "Imaging Biomolecules in Time and Space" An Advanced Light Microscopy Symposium (University Campus, Rio Patra, 2010)

PUBLICATIONS IN INTERNATIONAL SCIENTIFIC JOURNALS:

TOTAL IMPACT FACTOR: 24.246

TOTAL CITATIONS (Scopus-Feb.2012) : >112, h index: 6

1. Augustinos AA, Santos-Garcia D, **Dionyssopoulou E**, Marin A, Moreira M, Papapanagiotou A, Scarvelakis M, Doudoumis V, Ramos S, Franquinho AM, Borges P, Khadem M, Latorre A, Tsiamis

G, Bourtzis K. Detection and characterization of *Wolbachia* infections in natural populations of aphids: is the hidden diversity fully unraveled?

PLoS One. 2011;6(12):e28695. Epub **2011** Dec 13

2. Lina Papadimitriou, Ioannis Morianos, Valentina Michailidou, **Eva Dionyssopoulou**, Simon Vassiliadis, Irene Athanassakis. Characterization of the intracellular profile of HLA-DR, -DM and – DO molecules in K562 and HL-60 leukemic cell lines. Mol Immunol. Sep;45: 3965-3973, **2008**
3. **Dionyssopoulou E.**, Vassiliadis S., Evangeliou A., Koumantakis E.E., Athanassakis I. Constitutive or induced elevated levels of L-carnitine correlates with the cytokine and cellular profile of endometriosis. Journal of Reproductive Immunology Apr;65:159-170, **2005**
4. Ranella A, Vassiliadis S, Mastora C, Valentina M, **Dionyssopoulou E**, Athanassakis I. Constitutive intracellular expression of human leukocyte antigen (HLA)-DO and HLA-DR but not HLA-DM in trophoblast cells. Human Immunology Jan;66: 43-55, **2005**
5. Mamoulakis D., Galanakis E., **Dionyssopoulou E.**, Evangeliou A. and Sbyrakis S. : Carnitine deficiency in children and adolescents with type 1 diabetes. Journal of Diabetes and its complication Sep-Oct;18: 271-274, **2004**
6. Athanassakis I., **Dionyssopoulou E.**, Papanikou S., Evangeliou A., Vassiliadis S. Early events of the exogenously provided L-carnitine in murine macrophages, T- and B-lymphocytes: modulation of prostaglandin E1 and E2 production in response to arachidonic acid. Journal of Nutritional Biochemistry June 14: 350-357, **2003**
7. Matalliotakis I., Goumenou A.G., Koumantakis G.E., Athanassakis I., **Dionyssopoulou E.**, Neonaki M.A., Vassiliadis S. Expression of serum human leukocyte antigen (HLA) and growth factor (VEGF and EGF-Rc) levels in a Greek case of familial endometriosis. J.Soc.Gynecol.Invest. Feb. 10: 118-121, **2003**
8. Matalliotakis I., Goumenou A.G., Koumantakis G.E., Neonaki M.A., Koumantakis E.E., **Dionyssopoulou E.**, Athanassakis I., Vassiliadis S. Serum concentrations of growth factors in women with endometriosis: The action of anti – endometriosis medicines. Intl. Immunopharmacology Jan; 3: 81-90, **2003**
9. Vassiliadis S., Evangeliou A., Basta E., **Dionyssopoulou E.**, Dimitriou H., Stiakaki E., Kalmanti M., Athanassakis I. The role of L-carnitine on a restricted number of myeloid leukaemia progenitor cells: Generation of atypical cell types. Haematologia Vol32 : 341-354, **2002**

CHAPTER TO BOOK:

- **Dionyssopoulou, E.**, Anagnostaki, E., Tselekidou, A., Vassiliadis, S., Athanassakis, I. Establishment or aggravation of endometriosis by L-carnitine: the role of PGE1 and PGE2 in the endometriosis-induction process. In New Developments in Endometriosis, Eds Matalliotakis, I.M., Arici, A., pp 144-162, **2011**

TO BE PUBLISHED IN INTERNATIONAL SCIENTIFIC JOURNALS:

1. **Dionyssopoulou, E.**, Koumantakis, E.E., Matalliotakis, I., Athanassakis, I. Protection or aggravation: dual role of l-carnitine depending on the nature of ectopically implanted endometrioma cells. (Submitted)

AWARDS

- ▶ New Investigator 2nd Award (Basic Science).
5th European Congress of Reproductive Immunology, Berlin (2007)
- ▶ Nominee for the 7th ROYAN INTERNATIONAL RESEARCH AWARD.
Reproductive Biomedicine & Stem Cells (2006)

SOCIETIES AND MEMBERSHIP

- ▶ Hellenic Society of MikroBioKosmos
- ▶ Hellenic Society of Immunology