

CURRICULUM VITAE
OURANIA E. TSITSILONIS

ADDRESS

Department of Animal and Human Physiology, Faculty of Biology, National and Kapodistrian University of Athens, Panepistimiopolis, 15784, Ilissia, Athens, Greece

tel: (+30) 210 7274215, fax: (+30) 210 7274635, e-mail:<rtsitsil@biol.uoa.gr>

EDUCATION

1986: BSc in Biology, University of Athens

1993: Ph.D., University of Athens

1995: BSc in Medicine, University of Athens

APPOINTMENTS

1993-1995: Post-doctoral research in the framework of the EU projects AIR 1-CT92-0521 and BIO 2-CT93-0022, Department of Biology, University of Athens and Physiologisch-chemisches Institut, University of Tuebingen

1995-1997: Specialization in Histopathology-Cytology, Regional Anticancer-Oncologic Hospital ‘Saint Savvas’, Athens

1998-1999: Obligatory service as general practitioner

2000-2001: Specialization in Biopathology, General Oncologic Hospital ‘Saint Anargiri’, Kifissia

2001-2002: Specialization in Biopathology, Regional Anticancer-Oncologic Hospital ‘Saint Savvas’, Athens

1996-2002: Senior Investigator at the Department of Immunology, Regional Anticancer-Oncologic Hospital ‘Saint Savvas’ (Director: M. Papamichail)

6/2002-11/2007: Lecturer in Immunobiology, Department of Animal and Human Physiology, Faculty of Biology, University of Athens.

11/2007-present: Assistant Professor in Immunology, Department of Animal and Human Physiology, Faculty of Biology, University of Athens.

AWARDS-RECOGNITIONS

1991-1993: Post-graduate fellowship, University of Athens

1993: 1st poster award, 4th Panhellenic Congress on Senology, Thessaloniki

2001: 1st poster award, 3rd Balkan Congress of Immunology, Athens

2004: Research award from the Empirikeion Foundation (Athens)

TEACHING ASSISTANCE

2002-present: Lectures and practicals in Immunology, Animal Physiology and Comparative Animal Physiology for pre-graduate students of the Faculty of Biology

2002-present: Lectures and practicals in Advanced Courses in Immunology and Special Topics in Physiology for PhD students and MSc students of the Faculty of Biology, following the MSc programmes: Applications of Biology in Medicine, Clinical Biochemistry-Molecular Diagnostics and New Trends in Biology and Novel Technologies

2005-present: Educational courses for secondary education professors (Ministry of Education)

2002-present: Responsible tutor for 31 pre-graduate diploma theses (27 are completed)

2004-present: Responsible tutor for 10 MSc theses (7 are completed)

2000-present: Responsible tutor for 6 PhD theses (3 are completed)

RESEARCH PROGRAMMES

Since 2002, I was the scientist-in-charge of 10 research grants funded by the Special account of the University of Athens, the Hellenic Ministry of Education, the General Secretariat for Research and Technology-Ministry of Development, the Ministry of Health, IKY (IKYDA 2003, 2010) and EU.

LIST OF SELECTED PUBLICATIONS

1. **Tsitsiloni OE**, Yialouris PP, Heimer EP, Felix AM, Evangelatos GP, Soteriadis-Vlahos C, Stiakakis J, Hannappel E, Haritos AA. A radioimmunoassay for parathymosin α using antibodies to synthetic N-terminal peptide 1-30. *J Immunol Meth* 113: 175-84, 1988.
2. **Tsitsiloni OE**, Yialouris PP, Sekeri-Pataryas K, Haritos AA. Prothymosin alpha is not a nuclear polypeptide. *Experientia* 45: 332-4, 1989.
3. **Tsitsiloni OE**, Yialouris PP, Echner H, Voelter W, Haritos AA. Evidence for the extranuclear localization of thymosins in thymus. *Experientia* 48: 398-402, 1992.
4. **Tsitsiloni OE**, Stiakakis J, Koutselinis A, Gogas J, Markopoulos Ch, Yialouris P, Bekris S, Panoussopoulos D, Kiortsis V, Voelter W, Haritos AA. Expression of α -thymosins in human tissues in normal and abnormal growth. *Proc Natl Acad Sci USA* 90: 9504-07, 1993.
5. **Tsitsiloni OE**, Heimer E, Felix A, Yialouris PP, Vamvoukakis J, Voelter W, Haritos AA. Radioimmunoassays for the C-terminus of prothymosin α and the N-terminus of parathymosin α for the measurement of the levels of α -thymosins in human cancer. *J Immunol Meth* 169: 163-71, 1994.
6. Baxevanis CN, Gritzapis AD, Spanakos G, **Tsitsilonis OE**, Papamichail M. Induction of tumor-specific T lymphocyte responses *in vivo* by prothymosin α . *Cancer Immunol Immunother* 40: 410-8, 1995.

7. Weiler A, Stoeva S, **Tsitsilonis OE**, Voelter W. Prothymosin α : efficient sequence determination by experimental and theoretical capillary electrophoretic support. *Electrophoresis* 18: 757-61, 1997.
8. **Tsitsilonis OE**, Bekris E, Voutsas IF, Baxevanis CN, Markopoulos Ch, Papadopoulou SA, Kontzoglou K, Stoeva S, Gogas J, Voelter W, Papamichail M. The prognostic value of α -thymosins in breast cancer. *Anticancer Res* 18: 1501-8, 1998.
9. Baxevanis CN, Spanakos G, Voutsas IF, Gritzapis AD, **Tsitsilonis OE**, Mamalaki A, Papamichail M. Increased generation of autologous tumor-reactive lymphocytes by anti-CD3 monoclonal antibody and prothymosin α . *Cancer Immunol Immunother* 48: 71-84, 1999.
10. Baxevanis CN, Voutsas IF, **Tsitsilonis OE**, Gritzapis AD, Soteriadou R, Papamichail M. Tumor specific CD4+ T lymphocytes from cancer patients are required for optimal induction of cytotoxic T cells against the autologous tumor. *J Immunol* 164: 3902-12, 2000.
11. Baxevanis CN, Voutsas IF, **Tsitsilonis OE**, Tsiatas ML, Gritzapis AD, Papamichail M. Compromised anti-tumor responses in tumor necrosis factor- α knockout mice. *Eur J Immunol* 30: 1957-66, 2000.
12. Baxevanis CN, Gritzapis AD, **Tsitsilonis OE**, Katsoulas HL, Papamichail M. HER-2/neu-derived peptide epitopes are also recognized by cytotoxic CD3+CD56+ (NKT) lymphocytes. *Int J Cancer* 98:864-72, 2002.
13. **Tsitsilonis OE**, Stoeva S, Echner H, Balafas A, Margomenou L, Katsoulas HL, Troy DJ, Voelter W, Papamichail M, Lymberi P. A skeletal muscle troponin T ELISA based on the use of an antibody against the soluble troponin T (16-31) fragment. *J Immunol Meth* 268: 141-8, 2002.
14. **Tsitsilonis OE**, Tsavaris NB, Kosmas C, Gouveris P, Papalambros E. Immune changes in patients with colorectal cancer treated by adjuvant therapy with monoclonal antibody 17-1A. A pilot study. *J Chemother* 15: 387-93, 2003.
15. Tsavaris NB, Katsoulas HL, Kosmas C, Papalambros E, Gouveris P, Papantoniou N, Rokana S, Kosmas N, Skopeliti M, **Tsitsilonis OE**. The effect of edrecolomab (Mo17-1A) or fluorouracil-based chemotherapy on specific immune parameters in patients with colorectal cancer. A comparative study. *Oncology* 67: 403-10, 2004.
16. Skopeliti M, Voutsas IF, Klimentzou P, Tsiatas ML, Beck A, Bamias A, Moraki M, Livaniou E, Neagu M, Voelter W, **Tsitsilonis OE**. The immunologically active site of prothymosin α is located at the carboxy-terminus of the polypeptide. Evaluation of its *in vitro* effects in cancer patients. *Cancer Immunol Immunother* 55: 1247-57, 2006.
17. Valakos ED, Kourkouli A, Skopeliti M, Pafilis P, Poulakakis N, Voutsas IF, Lymberakis P, Simou C, Voelter W, **Tsitsilonis OE**. Combining immunological and molecular data to assess phylogenetic relations of some Greek *Podarcis* species. *Comp Biochem Physiol B* 147: 1-10, 2007.
18. Skopeliti M, Kratzer U, Altenberend F, Panayotou G, Kalbacher H, Stevanovic S, Voelter W, **Tsitsilonis OE**. Proteomic exploitation on prothymosin α -induced monocuclear cell activation. *Proteomics* 7: 1814-24, 2007.
19. Bamias A, Tsiatas M, Kafantari E, Liakos C, Rodolakis A, Voulgaris Z, Vlahos G, Papageorgiou T, **Tsitsilonis O**, Bamia C, Papatheodoridis G, Politi E, Archimandritis A,

- Antsaklis A, Dimopoulos MA. Significant differences of lymphocytes isolated from ascites of patients with ovarian cancer compared to blood and tumor lymphocytes. Association of CD3+CD56+ cells with platinum resistance. *Gynecol Oncol* 106: 75-81, 2007.
20. Karioti A, Skopeliti M, **Tsitsilonis O**, Heilmann J, Skaltsa H. Cytotoxicity and immunomodulating characteristics of labdane diterpenes from *Marrubium cylleneum* and *Marrubium velutinum*. *Phytochemistry* 68: 1587-94, 2007.
21. Klimentzou P, Beck A, Varvarigou A, **Tsitsilonis O**, Voelter W, Pirmettis I, Papadopoulou M, Livaniou E, Zikos C. Solid-phase synthesis of a peptide derivative of thymosin $\alpha 1$ and initial studies on its (99m)Tc-radiolabelling. *Chem Biol Drug Des* 70: 40-6, 2007.
22. Bamias A, Koutsoukou V, Terpos E, Tsiatas ML, Liakos C, **Tsitsilonis O**, Rodolakis A, Voulgaris Z, Vlahos G, Papageorgiou T, Papatheodoridis G, Archimandritis A, Antsaklis A, Dimopoulos MA. Correlation of NK T-like CD3+CD56+ cells and CD4+CD25+(hi) regulatory T cells with VEGF and TNF α in ascites from advanced ovarian cancer: Association with platinum resistance and prognosis in patients receiving first-line, platinum-based chemotherapy. *Gynecol Oncol* 108: 421-7, 2008.
23. Skopeliti M, Iconomidou V, Derhovanessian E, Pawelec G, Voelter W, Kalbacher H, Hamodrakas SJ, **Tsitsilonis OE**. Prothymosin alpha's immunoactive carboxyl-terminal peptide TKKQKTDEDD stimulates lymphocyte reactions via dendritic cell maturation adopting beta-sheet conformation in a sequence specific manner. *Mol Immunol* 46: 784-92, 2009.
24. Georgaki S, Skopeliti M, Tsiatas M, Nicolaou KA, Ioannou K, Husband A, Bamias A, Dimopoulos MA, Constantinou AI, **Tsitsilonis OE**. Phenoxodiol, an anticancer isoflavene, induces immunomodulatory effects *in vitro* and *in vivo*. *J Cell Mol Med* 13:3929038, 2009.
25. Pityhoutis, P., Griva, E., Ioannou, K., **Tsitsilonis, O. E.**, Papadopoulou-Daifoti, Z. *Int. J. Neuropsychopharmacol.* 12:1157-63, 2009.