

BIOGRAPHICAL SKETCH

Petros A. ELIADES	Staff Research Scientist grade C, Lab. of Molecular Biology & Immunobiotechnology, HPI
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EDUCATION/TRAINING	DEGREE	YEARS	FIELD OF STUDY
GRADUATE STUDIES Aristotelian Univ. of Thessaloniki, School of Sciences, Dept of Biology	BSc in Biology	1978-1982	Biology
POSTGRADUATE STUDIES Aristotelian Univ. of Thessaloniki, School of Sciences, Dept of Biology	Doctorate of Biological Sciences	1985-1991	Immunology
Hellenic Pasteur Institute, Lab of Biotechnology	Post doc	1991-1993	Biotechnology

A. Positions and Honors.

Positions and Employment

- 1991-1993: Post doctoral Associate, Dept of Biotechnology, Hellenic Pasteur Institute, Athens, GREECE. Project title: "Monoclonal antibodies for diagnosis and differentiation of chlamydia ovine abortions", financed by IMP
- 1994-1996: Research assistant, Dept of Immunology, Hellenic Pasteur Institute, Athens, GREECE. Project title: "Identification and isolation of autoantigens recognized by anti-smooth muscle autoantibodies (ASMA). Development of immunoenzymatic methods".
- 1996-2009: Research assistant, Immunology Lab., Biochemistry Dept., Hellenic Pasteur Institute, Athens, GREECE. Project title: "Monoclonal antibodies production for different antigens. Development of immunoenzymatic methods"
- 2000-2009: Research Associate grade D, Immunology Lab., Biochemistry Dept., Hellenic Pasteur Institute, Athens, GREECE. Project title: "Role of apoptosis on pathogenicity of autoimmune thyroiditis: study of Fas/FasL pathway" 2000-2008
Project title: "Monoclonal antibodies with the ability to penetrate into living cells" 2006-2009
- 2010-today: Research Associate grade C, Laboratory of Molecular Biology & Immunobiotechnology, Hellenic Pasteur Institute, Athens, GREECE.
Project title: "Study of recombinant Hecpudin and characterization of mAbs recognizing this hormonal peptide molecule"

Honors, Awards, Professional Activities

- 1985-1988: Greek Government's fellowship Award
- 1989: 2nd Award in the 1st European Neuroimmunomodulation Congress, Mantona di Campilio, Italy

1998: 1st Award in the 24th Annual Greek Medical Congress, 5-9 of May 1998, Athens, GREECE, (Amphiaraio Foundation)
2011-2016: supervision of five lab based dissertation projects of undergraduate students

Editorial activities – Books and Encyclopedias

PhD THESIS: “Immunological parameters in healthy persons and lung cancer patients” (Aristotle University of Thessaloniki, 1989)

B. Publications (in chronological order).

1. Effect of a novel analgesic-opioid agonist on human blood lymphocytes: Counteraction by interleukins. **Eliades P**, Kourounakis L. *Intern J Neurosc* 1990; 51: 207-208
2. Eucariotic cell component that bind to chlamydial elementary bodies: the histones. Vretou E, **Eliades P**, Psarrou E, Kouvatsou R. *FEMS Microbiol Let* 1992; 91: 225-230
3. Diversity among abortion strains of Chlamydia psittaci demonstrated by inclusions morphology, polipeptide profiles and monoclonal antibodies E. Vretou, H. Loutrari, L. Mariani, K. Kostelidou, **P. Eliades**, G. Conidou, S. Karamanou, O. Mangana, V. Siarkou, O. Papadopoulos. *Veterinary Microbiology* 1996; 51: 275-289
4. A simple method for the serodiagnosis of human hydatid disease based on a protein A/ colloidal dye conjugate. **Eliades, P.**, E. Karagouni, I. Stergiadou and K. Miras. *Immounological Methods*, 1998; 218: 123-132
5. Enhancing or suppressive effects on processing of pathogenic T-cell epitope in Thyroglobulin Dai, Y, Carayanniotis, K, **Eliades, P.** Lymperi, P, Shepherd, P, Kong, Y-CM., Carayanniotis, G. *J. Immunol*, 1999; 162: 6987-6992
6. Thyroxine-binding antibodies inhibit T cell recognition of a pathogenic thyroglobulin epitope Dai Y, **Eliades P**, Carayanniotis K, McCormick DJ, Kong Y-CM, Magaffa V, Cordopatis P, Lymbery P, Carayanniotis G. *J Immunol* 2005; 174: 3105-3110.
7. Rapid elevation of transferrin saturation and serum hepcidin concentration in hemodialysis patients after intravenous iron infusion. N. Kitsati, D. Liakos, E. Ermeidi, M.D. Mantzaris, S. Vasakos, E. Kyrtzopoulou, **P. Eliadis**, E. Andrikos, E. Kokkolou, G. Sferopoulos, A. Mamalaki, K. Siamopoulos, D. Galaris. *Haematologica* 2015 Mar;100(3):e80-3.
8. Low Serum Hepcidin in Patients with Autoimmune Liver Diseases. Lyberopoulou A, Chachami G, Gatselis NK, Kyrtzopoulou E, Saitis A, Gabeta S, **Eliades P**, Paraskeva E, Zachou K, Koukoulis GK, Mamalaki A, Dalekos GN, Simos G. *PLoS One* 2015 Aug 13;10(8):e0135486.
9. DNA-histone complexes as ligands amplify cell penetration and nuclear targeting of anti- DNA antibodies via energy-independent mechanisms. Zannikou M, Bellou S, **Eliades P**, Hatzioannou A, Mantzaris MD, Carayanniotis G, Avrameas S, Lymbery P. *Immunology* 2016 Jan;147(1):73-81. doi: 10.1111/imm.12542. Epub 2015 Nov 24
10. Preparation of monoclonal antibodies against poor immunogenic hepcidin peptide. E. Kyrtzopoulou, **P. Eliadis**, A. Dimitriadis, D. Makatsori, V. Koliaraki, F. Fostieri, M. Samiotaki, G. Panayotou, V. Tsaoussis and A. Mamalaki (in preparation)

11. Determination and correlation of hepcidin levels in patients with disturbances in the iron metabolism. Mitsioni A, Kyrtzopoulou E., **Eliadis P.**, Kostara C., Makatsori D., A. Mamalaki and Bairaktari E. (in preparation)
12. Serum Transferrin Receptor Ratio to Serum Ferritin and Hepcidin Levels in the Differential Diagnosis of Anemia in Rheumatoid Arthritis Patients Nita E, Kyrtzopoulou E., **Eliadis P.**, Makatsori D, Kostara C, Mitsioni A, Tsaousi C, Levidiotou S, Bairaktari E., A. Mamalaki and Voulgari P.V. (in preparation)