

CURRICULUM VITAE

NAME: KATERINA VARELI

i) EDUCATION:

1988: Bachelor of sciences in Biology-Bsc

Aristotelian university of Thessaloniki

1988: Diploma Thesis

Aristotelian University of Thessaloniki

Title: Biometric, cytogenetic and alloenzymic study of *Perca fluviatilis* from Lake Volvi.

1995: PhD in Biochemistry

University of Ioannina-Medical School

Title: Prothymosin and Parathymosin gene expression in cancer cell lines

Languages: Greek/English

Fellowships/scholarships

1994-1995: Georgios Stavrou Foundation (doctoral research)

1998-1999: State Scholarships Foundation (IKY) (post doctoral research)

1997: European Molecular Biology Organization (EMBO) (post doctoral research)

1997: Federation European Biochemistry Societies (FEBS) (post doctoral research)

1992: NATO fellowship (seminar attendance)

1995: NATO fellowship (seminar attendance)

Seminars/workshops

1998: Advanced research workshop on RNA Biochemistry and Biotechnology. Oct. 10-17, Poznan Poland, 1998.

1995: NATO Advanced Study Institute on the Regulation of Cell Growth, Differentiation and Genetics in Cancer 1-12 Sept., Halkidiki, Greece.

1992: NATO International Summer School on Mechanisms of Eukariotic Gene Regulation. Aug. 29 - Sept. 10 Spetsai Greece.

ii) Research activity

2009-today: Interscience Molecular Oncology Laboratory (Human Cancer Biobank Center - University of Ioannina). Head: Prof. E. Briasoulis

2005-2009: Department of Biological Applications and Technologies- University of Ioannina. Head: Prof. G. Pilidis.

1995- 2002: Post doctoral researcher. Department of Biological Chemistry- University of Ioannina Medical School. Head: Assoc. Prof. M. Frangou-Lazaridis.

Jul.1997- Oct.1997: Post doctoral researcher (Visiting)

E.C. Slater Institute Amsterdam, The Netherlads. Head: Prof. R. van Driel.

iii) Publications

15 original research articles in peer reviewed Journals
35 conference abstracts
236 entries in Data banks

Publications in peer reviewed Journals

1. Georgiou GK, Igglezou M, Sainis I, **Vareli K**, Batsis H, Briasoulis E, Fatouros M. Impact of breast cancer surgery on angiogenesis circulating biomarkers: a prospective longitudinal study. (2013) *World J. Surg. Oncol.*;11(1):213. doi: 10.1186/1477-7819-11-213.
2. **Vareli K**, Jaeger W, Touka A, Frillingos S, Briasoulis E, Sainis I. Hepatotoxic seafood poisoning (HSP) due to microcystins: a threat from the ocean? (2013) *Mar Drugs*. 5, 11(8):2751-68. doi: 10.3390/md11082751.
3. **Katerina Vareli**, Ekaterini Zarali, Georgios S.A. Zacharioudakis, Georgios Vagenas, Vasileios Varelis, George Pilidis, Evangelos Briasoulis, Ioannis Sainis. Microcystin producing cyanobacterial communities in Amvrakikos Gulf (Mediterranean Sea, NW Greece) and toxin accumulation in mussels (*Mytilus galloprovincialis*). (2012) *Harmful Algae* 15, 109-118.
4. Vokou D, **Vareli K**, Zarali E, Karamanoli K, Constantinidou HI, Monokrousos N, Halley JM, Sainis I. Exploring biodiversity in the bacterial community of the Mediterranean phyllosphere and its relationship with airborne bacteria. (2012) *Microb Ecol.* 64(3):714-24.
5. Panagiota Chira, **Katerina Vareli**, Ioannis Sainis, Christos Papandreou and Evangelos Briasoulis Alterations of MicroRNAs in Solid Cancers and Their Prognostic Value. (2010) *Cancers* 2(2), 1328-1353 doi:10.3390 (Review article)
6. Sainis I, Fokas D, **Vareli K**, Tzakos AG, Kounnis V, Briasoulis E. Cyanobacterial cyclopeptides as lead compounds to novel targeted cancer drugs. (2010) *Mar Drugs*. 15;8(3):629-57
7. **Vareli K**, Pilidis G, Mavrogiorgou MC, Briasoulis E, Sainis I. Molecular characterization of cyanobacterial diversity and yearly fluctuations of Microcystin loads in a suburban Mediterranean Lake (Lake Pamvotis, Greece). (2009) *J Environ Monit.* 11(8):1506-12.
8. **Vareli K**, Briasoulis E, Pilidis G, Sainis I. Molecular confirmation of *Planktothrix rubescens* as the cause of intense, microcystin-Synthesizing cyanobacterial bloom in Lake Ziros, Greece. (2009) *Harmful Algae* 8, 447-453
9. Sainis I., **Vareli, K.**, Karavasilis V., and Briasoulis E. PPAR γ : the portrait of a target ally to cancer chemopreventive agents. (2008) *PPAR Research*. DOI 10,1155/2008/ 436489. (Review article)

10. **Vareli K**, Frangou-Lazaridis M. Prothymosin alpha is localized in mitotic spindle during mitosis (2004) *Biology of the Cell* 96 (6): 421-428
11. **Vareli K**, Frangou-Lazaridis M, van der Kraan I, and R. van Driel. Nuclear distribution of prothymosin alpha and parathymosin: Evidence that prothymosin alpha is associated with RNA synthesis processing and para-thymosin with early DNA replication. (2000) *Experimental Cell Research* 257 (1): 152-161
12. **Vareli, K.**, Tsolas, O and Frangou-Lazaridis, M. Prothymosin α : Regulation During the Cell Cycle. (1996) *European Journal Of Biochemistry*, 238, 799-806.
13. **Vareli, K.** and Frangou-Lazaridis, M. Modification of the Acid Guanidinium Thiocyanate-Phenol-Chloroform Method for Nuclear RNA Isolation. (1996) *Biotechniques* 21, 236-237.
14. **Vareli, K.**, Frangou-Lazaridis, M. and Tsolas, O. Prothymosin α mRNA levels vary with c-myc expression during tissue proliferation, viral infection and heat shock. (1995) *FEBS Letters* 371, 337-340.
15. Y. Karakousis, **K. Vareli**, A. Kotsinas, and C. Triantaphyllidis. Genetic Characteristics of a Perch (*Perca fluviatilis*) Population from Lake Volvi (Macedonia, Greece). (1993) *Zoologischer Anzeiger*. 230, 131-136.

GenBank entries

Total DNA sequences: 239

National Center for Biotechnology Information (NCBI): <http://www.ncbi.nlm.nih.gov>