SHORT CURRICULUM VITAE

Kleoniki Lamnissou

I. Biographical outline

Citizenship: Greek Cypriot

Family Status: Married

Work details: Dept of Genetics & Biotechnology, Faculty of Biology, National & Kapodistrian University of Athens

II. Education-Career

1971 - 1975: BSc Degree, Faculty of Biology, School of Science, National & Kapodistrian University of Athens, Greece.

1976 - 1982: PhD thesis, Faculty of Biology, School of Science, National and Kapodistrian University of Athens, Greece.

1983 - 2000: Lecturer in the Dept of Biochemistry, Molecular and Cell Biology & Genetics, Faculty of Biology, University of Athens.

2000-2010: Assistant professor in the Dept of Genetics & Biotechnology, Faculty of Biology, National and Kapodistrian University of Athens.

2010 - : Associate Professor in the Dept of Genetics & Biotechnology, Faculty of Biology, National and Kapodistrian University of Athens

III. Fellowships

1977-1979: National Institute of Research **(**two years)

1980**:** European Molecular Organization (EMBO) (three months)

IV. Research experience -Training

1978: University of Essex, England

1980: Biozentrum Universitat, Basel, Switzerland

1984: Iinstitute of Genetics, Hungarian Academy of Science, Hungary

1990: Newham General Hospital, London, England

1991: Dept of Biology, University of Crete

1994: Dept of Biology, University of Crete

2000: Dept of Molecular Genetics,

Institute of Neurology & Genetics, Nicosia, Cyprus

V. Academic Responsibilities

1. Teaching part of the course of Basic Genetics and Medical Genetics in undergraduate and graduate students of the Faculty of Biology and the School of Dentistry.

2. Supervision of BSc final year Dissertations

3. Supervision of MSc Research

4. Supervision of PhD Theses

5. External examiner in PhD Theses

VI. Research interests

Human Molecular Genetics

The main research goal is the identification of genes, gene polymorphisms or mutations that are implicated in various human diseases. Research in the laboratory is mainly focusing on association studies in polygenic or monogenic human diseases. (cardiovascular diseases, nephrological diseases, recurrent spontaneous abortions).

VII. Funded Research projects

- Evolutionary Genetics in *Drosophila* (1984, 1985). Principal investigator: E. Zouros [University of Crete and Dalchousie University, Halifax, Canada]. Natural Sciences and Engineering Research Council και Greek Ministry of Research and Technology.
- Study of MSSP male specific serum proteins and their genes in the insect Ceratitis capitata) (1989) Principal investigator: A. Mintzas (University of Patras). Ministry of Industry, Energy and Technology, General Secretariat of Research and Technology.

- Familial Mediterannean Fever (FMF). Screening for FMF mutants in the Greek population.(2001). Principal investigator: K. Lamnissou (Funding: University of Athens).
- Study for association of gene polymorphisms and end stage renal disease. (2002) Principal investigator: K. Lamnissou (Funding: University of Athens).
- Study for association of gene polymorphisms in cardiovascular and nephrological diseases. (2005) Principal investigator: K. Lamnissou (Funding: University of Athens).
- Study for association of gene polymorphisms in cardiovascular diseases. (2006) Principal investigator: K. Lamnissou (Funding: University of Athens).
- Study for association of gene polymorphisms in Autosomal Dominant Polycystic Kidney Disease (2009) Principal investigator: K. Lamnissou (Funding: University of Athens).
- The microRNAs as new markers for acute myocardial infarction (2013). Principal investigator: K. Lamnissou (Funding: Hellenic Society of Cardiology).

VIII. Publications

1. Dissertations

K. Lamnissou (1983). Study of the female sterile mutation fs(1)1304 in the insect *Drosophila melanogaster*. PhD, Dept of Biology, University of Athens.

2. Books

a) K. Lamnissou (2005). Medical Genetics (in Greek). Editor: A. Stamoulis, Athens, Greece

b) Medical Genetics at a glance. Authors: Dorian Pritchard & Bruce Korf. Preparation of the Greek edition: D. Stravopodis, K. Lamnissou.

c) Genetic Diagnosis (2009) Author: G. Patrinos, Participation in the preparation of the Greek edition.

3. Publications in Peer-reviewd Journals

1. **Lamnissou K** and Gelti-Douka H. Analysis of the *Drosophila melanogaster* female sterile mutation fs(1)1304 by pole cell transplantation experiments. Developmental Genetics, 6:239-246 (1986).

2. Tsakas S, **Lamnissou K**, Tsakas L, David R. Sex ratio distortion in *D. simulans* after treatment with quinacrine. Genet Res. Camb, 49:19-23 (1987).

3. **Lamnissou K** and Zouros E. Interspecific ovarian transplantation in *Drosophila*: Vitellogenin uptake as an index of evolutionary relatedness. Heredity, 63:29-35 (1989).

4. **Lamnissou K**, Loukas M, Zouros E. Incompatibilities between Y chromosome and autosomes are responsible for male hybrid sterility in crosses between *Drosophila virilis* and *Drosophila texana*. Heredity, 76:603-609 (1996).

5. **Lamnissou K**. Vitellogenetic defects in hybrids of the species pairs *Drosophila virilis* and *Drosophila texana*. Developmental Genetics, 18:289-295 (1996).

6. **Lamnissou K.** Ovarian defects in hybrids of the species pairs *Drosophila virilis* and *Drosophila texana*. Developmental Genetics, 20: 47-52 (1997).

7. Trougakos I, **Lamnissou K**, Margaritis L. Biochemical and immunochemical analysis of vitellogenesis in the olive fly *Dakus (Bacrocera*) *oleae* (*Diptera: Tephritidae*). Cell Biology International, 23:417-429 (1999).

8. **Lamnissou K**. Nutritional effects on vitellogenesis in *Drosophila* species. The Journal of Entomological Science, 35:452-464 (2000).

9. **Lamnissou K**, Galanopoulos B. The somatic line dominant female sterile mutant Fs(2)Ugra affects egg maturation in *Drosophila*. Hereditas, 132:161-164 (2000).

10. Constantinou Deltas C, Mean R, Rossou E, Costi C, Koupepidou P, Hadjiyanni I, Hadjiroussos V, Petrou P, Pieridis A, **Lamnisou K**, Koptides M. Familial Mediterranean fever (FMF) mutations occur frequently in the Greek–Cypriot population of Cyprus. Genetic Testing, 1:15-21 (2002).

11. **Lamnissou K**, Zirogiannis P, Trygonis S, Demetriou K, Pierides A, Koptides M, Constantinou Deltas C. Evidence for association of endothelial nitric oxide synthase gene polymorphism with earlier progression to end stage renal disease in a cohort of Hellens from Greece and Cyprus. Genetic Testing, 3:319-324 (2004).

12. Christodoulou C, Schally AV, Chatzistamou I, Kondi-Pafiti A, **Lamnissou K,** Kouloheri S, Kalofoutis A, Kiaris H. Expression of growth hormone– releasing hormone (GHRH) and splice variant of GHRH receptors in normal mouse tissues. Regulatory Peptides, 136:105-108 (2006).

13. Dedoussis G, Panagiotakos D, Louizou E, Mantoglou J, Chrysohoou C, **Lamnisou K**, Pitsavos C, Stefanadis C. Cholesteryl ester-tranfer protein (CETP) polymorphism and the development of acute coronary syndromes, by obesity

status in Greek subjects: the CARDIO2000-GENE study. Human Heredidy, 63:155-161 (2007).

14. Chalevakis G, Apostolakis I, Koliou X, Pessos A, Kyriakopoulou V, Vrakidou E, Vasilopoulou A, **Lamnissou K**, Nasioulas G. Different intra-familial clinical presentation of FMF mutations carriers. Genetic Testing, 12:125-127 (2008).

15. Dedoussis, Luo Y, Starremans P, Rossetti S, Ramos AJ, Cantiello HF, Katsarelli E, Ziroyannis P, **Lamnissou K**, Harris PC, Zhou J. Co-inheritance of a PKD1 mutation and homozygous PKD2 variant: a potential modifier in autosomal dominant polycystic kidney disease. European Journal of Clinical Investigation, 38:180-190 (2008).

16. Karvela M, Papadopoulou S, Tsaliki E, Konstantakou E, Hatzaki A, Florentin-Arar L, **Lamnissou K**. Endothelial nitric oxide synthase gene polymorphisms in recurrent spontaneous abortions. Archives of Gynecology and Obstetric, 278:349-352 (2008).

17. Karvela M, Stefanakis N, Papadopoulou S, Tsitilou S, Tsilivakos V, **Lamnissou** K. Evidence for association of the G1733A polymorphism of the androgen receptor gene with recurrent spontaneous abortions. Fertility and Sterility, 90: 9-12 (2008).

18. Stefanakis N, Zyroyannis P, Trygonis S, **Lamnissou K**. Modifier effect of the Glu298Asp polymorphism of endothelial nitric oxide synthase gene in Autosomal Dominant Polycystic Kidney Disease. Nephron Clinical Practice, 25:101-106 (2008).

19. Vasilakou M, Votteas V, Kasparian C, Pantazopoulos N, Dedoussis G, Constantinou Deltas C, Nastos P, Nikolakis D, **Lamnissou K**. Lack of association between endothelial nitric oxide synthase gene polymorphisms and risk of premature coronary artery disease in the Greek population. Acta Cardiologica, 63:609-614 (2008).

20. Papageorgiou E, Fiegler H, Rakyan V, Beck S, Hulten M, **Lamnissou K**, Carter NP, Patsalis P. Sites of differential DNA methylation between placenta and peripheral blood: targets for non-invasive prenatal diagnosis of aneuploidies. American Journal of Pathology, 174:1609-1618 (2009).

21. Gkretsi V, Deltas C Yapijakis C, **Lamnissou K**. Screening for Familial Mediterranean Fever M694V and V726A mutations in the Greek population. Genetic Testing & Molecular Biomarkers, 13:291-293 (2009).

22. Liu Q-X, Shi S, Senthilnathan S, Yu J, Wu E, Bergmann C, Bogdanova N, Coto E, Deltas C, Devuyst O, Gitomer B, Laakso M, **Lamnissou K**, Magistroni R, Parfrey P, Breuning M, Peters D, Torra R, Winearls C, Torres V, Harris P, Paterson AD, Pei Y. Genetic modifiers of renal disease severity in PKD1. Journal of American Society of Nephrology, 21(9):1510-1520 (2010).

23. Litridis I, Kapnoulas N, Natisvili T, Agiannitopoulos K, Peraki O, Ntostis P, **Lamnissou K**. A polymorphism in the CYP17 gene and recurrent spontaneous abortions (2010). Archives of Gynaecology and Obstetric, 283(2):289-293 (2011).

24. Arvaniti E, Ntoufa S, Papakonstantinou N, ..., **Lamnissou K**, ….. , Belessi S. Toll-like receptors signalling pathway in chronic lymphocytic leukemia: distinct gene expression profiles of potential pathogenic significance in specific subsets of patients. Haematologica 96(11):1644-52 (2011).

25. Ntostis P, Peraki O, Boulgari A, Pantos K, **Lamnissou K**. Genetic variation in the HSD3B1 gene and recurrent spontaneous abortions. J Matern Fetal Neonatal Med 25(4):408-410 (2012).

26. Kokotas H, Kroupis C, Chiras D, Grigoriadou M**, Lamnissou** K, Petersen MB, Kitsos G. Biomarkers in primary open angle glaucoma. Clin Chem Lab Med 50(12):2107-2119. Review (2012).

27. Tsaliki E, Papageorgiou EA, Spyrou C, Koumbaris G, Kypri E, ..., **Lamnissou K**….., Patsalis PC. Medip real-time qPCR of maternal peripheral blood reliably identifies trisomy 21. Prenat Diagn 32(10):996-1001 (2012).

28. Agiannitopoulos K, Kyparissi A, Magginas A, Papamenzelopoulos S, **Lamnissou K**. (2014) Genetic variant in CYP17 gene and risk of premature coronary artery disease. HJC, 55(2): 126-31.

29. Bampali K, Mouzarou A, **Lamnissou K.** Babalis D. (2014) Genetics and coronary artery disease:present and future. HJC, 55(2):156-63. Review.

30. Ntostis P, Agiannitopoulos K, Pantos K, **Lamnissou K.** (2015) Evidence for association of the rs605059 polymorphism of HSD17B1 gene with recurrent spontaneous abortions. J Matern Fetal Neonatal Med, 28(18):2250-3.

31. Agiannitopoulos K, Bakalgianni A, Manginas A, Papamenzelopoulos S, **Lamnissou K**. (2015) A G1733A polymorphism of the androgen receptor (AR) gene and risk of premature coronary artery disease. J Clin Laboratory Anal doi: 10.1002/jcla.21837.

32. Bampali K, Grassos C, Mouzarou A, Liaskos C, Mertzanos G, **Lamnissou K**, Babalis D. (2015) Genetic variant in the CYP19A1 gene associated with Coronary Artery Disease. Genet. Res. Int. doi: 10.1155/2115/82015/820323.