

CURRICULUM VITAE

Nektaria Polychronaki, PhD

Nutritionist-Dietitian

STUDIES

- 2003-07:** **Doctor of Philosophy, Department of Clinical Nutrition**, Faculty of Medicine, University of Kuopio. Thesis title “Biomarkers of Aflatoxin exposure and a Dietary Intervention: Studies in Infants and Children from Egypt and Guinea and Young Adults from China”. Professors: Hannu Mykkanen, Hani El-Nezami, Seppo Salminen. Graduation date, June 2007. **Award for the best doctoral thesis** in Finland in 2007, Finnish Ministry of Education. Degree recognized in Greece (decision no. DOATAP 38-187). Main areas of interest: Clinical Nutrition, Nutrition Epidemiology and Public Health, Molecular Epidemiology, Food and Nutritional Toxicology.
- 2005-06:** **Marie Curie fellowship** visiting PhD student. Molecular Epidemiology Unit, The Leeds Institute of Genetics, Health and Therapeutics, Centre of Epidemiology and Biostatistics, **School of Medicine, University of Leeds**. Professor responsible **Christopher P. Wild (Head of IARC)**, Paul C. Turner. Main areas of interest: Clinical Nutrition and Molecular Epidemiology (protocol no. HMPT-CT-2001-00320).
- 2002 -03:** **Master of Health Sciences**, Faculty of Medicine, University of Kuopio, Finland
- 2001-02:** Socrates Exchange Student Department of Clinical Nutrition, University of Kuopio.
- 1998-02:** **Nutrition Science** (4-year program, 240 ECTS). Faculty of Food Technology and Nutrition, Department of Nutrition, Higher Technological Educational Institution, Thessaloniki, Greece. May 2002, grade achieved 8.9/10. **Award from State Scholarship Foundation (YKI)**. Graduation date 2002

WORKING EXPERIENCE

- 2019-today:** Scientific Collaborator, Nutritionist-Dietitian, **University Research Institute** (ENDORSE program), Athens.
- 2016-today:** Scientific Collaborator, Nutritionist-Dietitian, **Children’s Obesity Clinic**, First Department of Pediatrics, Unit of Developmental and Behavioral Pediatrics, “Aghia Sofia” Children Hospital, Head of Unit: Professor Pervanidou P.
- 2009- 13:** Scientific Collaborator, PhD, part- time teaching position, **Laboratory of Nutrition and Dietetics**, Faculty of Health and Caring Professions, TEI of Athens.
- 2009:** Scientific Collaborator, **Department of Nutrition and Dietetics**, Harokopio University, (Prof. Manios I.).
- 2008- 09:** Scientific Collaborator, **Department of Nutrition and Dietetics**, TEI of Crete, full time teaching position.
- 2006- 08:** **Post-doctoral fellow**, Laboratory of Chemical Carcinogenesis and Genetic Toxicology, **National Hellenic Research Foundation**, Athens. European project “Newborns and Genotoxic Exposure Risk- NewGeneris, WP1: Dietary exposure assessment of genotoxins and immunotoxins” and European project ECNIS for the development of an ELISA assay for the detection of serum antibodies against BPDE-DNA adducts in humans for the use in epidemiological studies. Head of Laboratory Prof. Soterios Kyrtopoulos.
- 2007- 08:** Nutritional Support and Dietetics, IASO, and Nutritional Medicine Department, Hygeia hospital, Athens. (voluntary basis) Prof. Dr. Maria Skouroliakou

2002- 03: Research assistant, Department of Clinical Nutrition, University of Kuopio, Faculty of Medicine, Finland

PUBLICATIONS

1. Georgiadis P, **Polychronaki N**, Kyrtopoulos SA. Progress in high-throughput assays of MGMT and APE1 activities in cell extracts. *Mutation Research*. Aug 1;736(1-2):25-32, **2012**.
2. **Polychronaki N**, Wild C, Mykkänen H, Abdel-Wahhab M, Sylla A, Diallo M, El-Nezami H, Turner P. Urinary biomarkers of aflatoxin exposure in young children in Egypt and Guinea. *Food and Chemical Toxicology*, 46: 519-526, **2008**.
3. **Polychronaki N**. Biomarkers of Aflatoxin exposure and a Dietary intervention: Studies in Infants and Children from Egypt and Guinea and Young Adults from China, *μνογραφία, Εκδόσεις Πανεπιστημίου του Κουόπιο, 2007*
4. **Polychronaki N**, West R, Turner P, Amra H, Abdel-Wahhab M, Mykkänen H, El-Nezami H. A longitudinal assessment of aflatoxin M₁ excretion in breast milk of selected Egyptian mothers. *Food and Chemical Toxicology*. 45:1210-1215, **2007**.
5. **Polychronaki N.**, Mykkänen H., Turner Paul, Gong Yunyun, Amra H., Abdel-Wahhab M., El-Nezami H. Determinants of Aflatoxin M₁ in breast milk in a selected group of Egyptian mothers. *Food Additives and Contaminants* 23:700–708, **2006**.
6. El-Nezami H, **Polychronaki N**, Jing M, Zhu H, Ling W, Salminen E, Juvonen R, Salminen S, Mykkänen H. Probiotic supplementation reduces a biomarker for increased risk of liver cancer in young men from Southern China. *The American Journal of Clinical Nutrition* 83:1199 –203, **2006**.
7. Mykkänen H, Zhu H, Salminen E, Juvonen RO, Ling W, Jing M, **Polychronaki, N.**, Hynninen, H., Mykkanen, O., Salminen, S. and El-Nezami, H. Fecal and urinary excretion of aflatoxin B1 metabolites (AFQ1, AFM1, AFB-N7-guanine) in young Chinese males. *International Journal of Cancer*. 20;115(6):879-84, **2005**.
8. El-Nezami, H. S., **Polychronaki, N**, Lee, Y. K., Haskard, C. A., Juvonen, R., Salminen S. and Mykkänen, H. Chemical moieties and interactions involved in the binding of zearalenone to the surface of *Lactobacillus rhamnosus* strain GG. *Journal of Agricultural and Food Chemistry*. 52:4577-4581, **2004**.
9. El-Nezami, H.S., **Polychronaki, N.**, Salminen, S., and Mykkänen, H. Binding rather than metabolism may explain the interaction between zearalenone and food-grade *Lactobacillus*. *Applied and Environmental Microbiology* 68: p.3545-3549, **2002**.

Poster Abstracts

- Polychronaki N**, Wild C, Mykkänen H, Abdel-Wahhab M, Sylla A, Diallo M, El-Nezami H, Turner P. 2006. Urinary biomarkers of aflatoxin exposure in young children in Egypt and Guinea. (abstract) *Toxicology Letters* 164S: p.S161, **2006**
11. **Polychronaki, N.**, Stoupi, S., El-Nezami,H., Juvonen, R., Mykkänen, H. A simple method for a urinary biomarker of aflatoxin exposure. (abstract) *Toxicology* 191: p.54, **2003**.