

Curriculum Vitae

KAFFE ELEANNA

PERSONAL INFORMATION

Address: Ioustinianou 4, 41222, Larisa, Greece.

Telephones: +30 2410616891, 6936341908

e-mail: elkaffe@yahoo.com

Nationality: Greek

Date of birth: 12/02/1982

EDUCATION

2010 July

Ph.D in Biochemistry, Enzymology.

Department of Medicine. University of Thessaly. Larisa, Greece, www.med.uth.gr

Subject of research: "Protein, Lipid and DNA oxidative stress injury markers in chronic liver diseases (viral hepatitis, steatohepatitis, autoimmune liver diseases)".

2005 April

BS in Biochemistry-Biotechnology.

Department of Biochemistry-Biotechnology. University of Thessaly, Larisa, Greece. www.bio.uth.gr

2004 June

Diploma thesis in Molecular Biology-Histology.

Department of Biotechnology. University of Algarve, Faro, Portugal. www.ualg.pt

"Ontogeny of Myosin Light Chain II (MLCII) in the teleost fish Sparus Aurata".

RESEARCH INTERESTS

1. Molecular/Cellular Biology, Biochemistry, Biotechnology, Analytical Chemistry

PARTICIPATION IN RESEARCH PROGRAMS

May 2004-August 2006: Researcher. Research program "Archimedes".

Subject of research: "Metabolism of Vitamin A in cirrhotic liver". Development of an HPLC-UV analytical method for the measurement of retinol and retinoic acid in serum. Blood sampling from rats and humans. Hypodermic and intramuscular rat's injections. Generation of a cirrhotic rat model with bile duct ligation.

Finance: Research Committee of T.E.I Larisas, Greece. www.teilar.gr.

December 2009-May 2010: Researcher.

Subject of research: "Development of a new yoghurt product fortified with vitamin D". HPLC analysis of vitamin D metabolites in serum and in yoghurt. Bioavailability study of Vitamin D. Blood collection from healthy volunteers.

Finance: Technological Research Center of Thessaly. Larisa, Greece. www.trc-thessalia.gr.

TEACHING EXPERIENCE

November 2010-.....Food Technology Department, T.E.I Larisas, Greece

Teaching assistant in the undergraduate Organic Chemistry Laboratory

March 2010-July 2010 Food Technology Department, T.E.I Larisas, Greece

Teaching Assistant in the undergraduate Biology Laboratory

Nutrition and Dietetics, T.E.I Larisas

Teaching Assistant in the undergraduate Biochemistry Laboratory

October 2006-July 2009 Animal Production Department, T.E.I Larisas, Greece

Teaching Assistant in the undergraduate Biochemistry Laboratory

PROFESSIONAL EXPERIENCE

November 2006-March 2007. Work as Biochemist. Private Laboratory "BIOANALYSIS". Larisa, Greece. Hematology, Immunology, Biochemistry, Electrophoresis, Microbiology-virology department.

LANGUAGES

Greek (mother tongue), English (Proficient user), French (Basic user).

TECHNICAL SKILLS AND COMPETENCES

Ability to respond to current issues in fields of Biotechnology and Biochemistry. Ability to develop applications based on biotechnology tools. Laboratory experience in molecular biology, microbiology-virology and biochemistry. Extensive experience in molecular biology techniques (DNA and RNA isolation, PCR, cloning, riboprobe preparation), in basic histological methods, in situ hybridization and scientific microscopic photography. Laboratory experience in analytical chemistry, enzymatic and immunoenzymatic techniques (ELISA). Knowledge and extensive lab experience of HPLC coupled with electrochemical detector (EC), diode-array (DAD), mass spectrometer (MS) and fluorimetric detector (FLD). Development of new HPLC methods and methods for the isolation and measurement of intracellular enzymes activity. Rats handling and development of a cirrhotic rat model. Experience in oxidative stress markers measurement, in statistical analysis and in conduction of clinical studies. Blood sampling from rats and humans. Hypodermic and intramuscular injections in rats. Teaching.

SPECIAL RECOGNITIONS

2008-2010: IKY Foundation

MANUSCRIPTS IN PREPARATION

1. An integrated estimation of oxidative stress in various forms of liver diseases. The relationship between endogenous antioxidant defense system and the progression of the disease.
2. Increased oxidative stress associated with the progress of the liver disease in cholestatic liver diseases and in autoimmune hepatitis.
3. A fast and simple method for quantification of 8-hydroxy-2'-deoxyguanosine in urine by HPLC coupled with electrochemical detection.
4. Simultaneous determination of retinol and retinoic acids (13-cis, 9-cis and all-trans) in serum and follicular fluid by HPLC with ultraviolet detection.

CONFERENCE ABSTRACTS

1. Moulas A, Giagoudis A, Liakos P, Kaffe E, Papanikolaou X and Botsoglou N.
"Measurement of retinoic acids and retinol in serum with HPLC coupled with electrochemical detection ". 4^o Panhellenic free radicals and oxidative stress conference. Larisa, Greece, October 2004.
2. Kaffe E, Giagoudis A and Moulas AN.
"Simultaneous determination of 8-hydroxy-2'-deoxyguanosine and 3-nitrotyrosine in urine by HPLC". Oxidants and Antioxidants in Biology. Alba, Italy, September 2005.
3. Moulas AN, Giagoudis A, Kaffe E, Zachou K, Dalekos GN.
"Serum retinol and retinoic acid levels in patients with chronic viral hepatitis". Nutrition Oxygen Biology and Medicine. Paris, France, March 2005.
4. Moulas A, Vassalos N, Kotsogianni M, Mokou E, Kaffe E, Amiridis GS.
"Retinol and retinoic acid isomers concentrations in follicular fluid of cows". 13th European Meeting on Fat Soluble Vitamins. Jena, Germany, 2006.
5. Moulas A, Giagoudis A, Kaffe E, Zachou K, Dalekos G.N.
"Serum retinol and retinol binding protein in patients with chronic viral hepatitis". International Interdisciplinary Conference on Vitamins Coenzymes and Biofactors. Awaji, Japan. November 2005.
6. Moulas A, Kaffe E, Kakkari S.

"Excretion of 8-OHdG in urine. Correlation with age, gender and smoking habits". 5^o Panhellenic free radicals and oxidative stress conference. Kardamili, Greece, October 2006.

7. Kaffe E, Kakkari S, Dalekos GN, Moulas AN.

"Rapid determination of 8-OHdG in urine by HPLC". Free Radical Summer School. Spetses, Greece, October 2006.

8. Kaffe E, Moulas A, Kakkari S.

"Rapid determination of 8-hydroxy-2'-deoxyguanosine in urine with HPLC coupled with electrochemical detection". 6^o Panhellenic Conference of Clinical Chemistry. Athens. November 2006.

9. Moulas AN, Kaffe E, Salakidou C and Kakkari S.

"Exposure to sunlight: risk of skin cancer protection by vitamin D synthesis". 4th International Conference on oxidative stress on skin medicine and biology. Andros, Greece, September 2008.

10. Kaffe E, Salakidou C, Menounou T, Moulas A, Kakkari S.

"Antioxidant enzymes and oxidative injury products in healthy population. Correlation with age, gender and smoking habits". 6^o Panhellenic free radicals and oxidative stress conference. Pramanta, Ioannina, Greece, September 2008.

11. Salakidou C, Kaffe E, Moulas A.

"Production of Yoghurt Fortified with Vitamin D". 14th European Meeting on Fat-Soluble Vitamins. Potsdam, Germany, October 2009.

12. Salakidou C, Kaffe E, Moulas A.

"Production and Bioavailability of Yoghurt Fortified with Vitamin D". 14th Workshop on Vitamin D. Brugge, Belgium, October 2009.

13. Salakidou C, Kaffe E, Menounou Th, Moulas A.

"Design, study and production of Vitamin D3 fortified yoghurt". 1st International Vitamin Conference. Copenhagen, Denmark, May 2010.

INVITED LECTURERS

1. "Oxidative stress". Animal Production Department, T.E.I Larisas

LECTURER NOTES-MONOGRAPHS

1. Protein, Lipid and DNA oxidative stress markers in chronic liver diseases". 2010. PhD Diploma thesis.

2. "Biochemistry". Lab Notes. T.E.I of Larisa, 2006, Animal Production Department. 2010, Nutrition and Dietetics Department, T.E.I of Larisa.

"The ontogeny of Myosin Light Chain II (MLCII) in a teleost fish (Sparus Aurata)". 2004. Diploma thesis.

SEMINARS

1. Food and Environmental Safety Seminar. Malva S.A., Waters GES.M.B.H, Larisa, November 2006.

2. "Chronic viral liver diseases B & C". Hepatology Clinic and Research Laboratory of Clinical Pathology. University of Thessaly.

3. "Thermal Analysis". Hellamco, Athens, February 2008.

4. "LC Tips & Tricks". Hellamco, Thessaloniki, April 2009.

RECOMMENDATIONS

Dr. Power M. Deborah. Associate professor of Biotechnology. University of Algarve, Faro, Portugal. www.ualg.pt, email: dpower@ualg.pt

Dr. Moulas N. Anargyros. Professor of Chemistry. Technological Educational Institute of Larisa. Greece. www.teilar.gr. Tel: +30 2410684361 email: moulas@teilar.gr

Dr. Dalekos N. George. Professor of Pathology. University of Thessaly, Larisa, Greece.

www.med.uth.g, Tel.:+30 241350 2798, email: dalekos@med.uth.gr

Dr. Rigopoulou Irene. Associate Professor of Pathology. University of Thessaly. Larisa, Greece.

www.med.uth.gr, Tel.:+30 241350 2801, email: erigopoulou@med.uth.gr.

GENERAL

ECDL degree

Driving license, ability to travel frequently (locally and abroad)

Member of the Greek company of Clinical Chemistry-Clinical Biochemistry

Secretary and member of the Hellenic Association of Biochemistry-Biotechnology