

CURRICULUM VITAE

Personal information

Name-Surname: Margarita Andreadou

Place of birth: Athens-Attica

Date of birth: 15/08/1982

E- mail: mandreadou@yahoo.gr

Education

- 2000 Graduated from 1st Lyceum of Nikea (degree 18,1/20)
- 2000- 2006 Bachelor diploma in Agricultural University of Athens/
Department of Animal Science (grade 6,83/10)

Graduate study: Investigation of the presence of single nucleotide polymorphisms that have been involved with sheep ovulation rate, in GDF9 and BMP15 genes, in two well characterized Greek sheep breeds.

- 2006- 2008 Master of Science in Agricultural University of Athens/
Department of Animal Science and Aquaculture (degree 7,96/10)

Title: Reproduction of farm animals

Thesis: Investigation of the association between Abortion-Records in Goats and test-positivity to *Mycobacterium avium* subsp. *paratuberculosis*.

- 2010- present PhD candidate in the department of Animal Science and Aquaculture of Agricultural University of Athens

Title: Use of nanotechnology for the detection of *Leishmania* spp.

Congress presentations

► 1^o Hellenic Congress for Productive animals, Hygiene-safety of foods of animal origin and consumer protection, Athens (2008). Investigation of the association of polymorphisms of the promoter region of the NRAMP1 gene in goats with production of antibody specific to *Mycobacterium avium* subspecies *paratuberculosis*.

Liandris E, Gazouli M, Aleksiou K, Andreadou M, Ikonomopoulos J

► 11^o Panhellenic Veterinary Congress, Athens (2009). Investigation of the association of abortion-record in goats and test-positivity to *Mycobacterium avium* subsp. *paratuberculosis*.

Liandris E, Andreadou M, Gazouli M, Ikonomopoulos J

▶ 11^o Panhellenic Veterinary Congress, Athens (2009). Direct detection of unamplified DNA from pathogenic mycobacteria using DNA-derivatized gold nanoparticles.

Liandris E, Gazouli M, Andreadou M, Čomor M, Abazovic N, Sechi L, Ikonomopoulos J

▶ 31st Annual Congress of the European Society of Mycobacteriology, Bled Slovenia (2010). Applied nanotechnology for the detection of Mycobacterial nucleic and antigenic targets.

Ikonomopoulos J, Liandris E, Andreadou M, Tachtsidis I, Gazouli M

▶ 61st Annual Meeting of the European Association for Animal Production, Heraklion Greece (2010). Associations between single nucleotide polymorphisms in GDF9 and BMP15 fecundity genes and litter size in two dairy sheep breeds of Greece.

Kapeoldassi K, Kominakis A, Chadio S, Andreadou M, Ikonomopoulos I

▶ 4th Congress of European Microbiologists FEMS 2011, Geneva Switzerland (2011). Evaluation of the performance of selected in-house and commercially available PCR and RT-PCR assays for the detection of *Leishmania* DNA in clinical samples.

Andreadou M, Liandris E, Taka S, Ikonomopoulos J

▶ 4th Congress of European Microbiologists FEMS 2011, Geneva Switzerland (2011). Biosafety of child food of animal origin in Greece.

Liandris E, Taka S, Andreadou M, Gazouli M, Vaiopoulou A, Tzimotoudis N, Filiouis G, Baseas D, Ikonomopoulos J

Publications in scientific journals

- John Ikonomopoulos, Emmanouil Liandris, Margarita Andreadou, Maria Gazouli (2009). Associations between Abortion-Records in Goats and Test-Positivity to *Mycobacterium avium* subsp. *paratuberculosis*. The Open Veterinary Science Journal 3: 1-5.
- Emmanouil Liandris , Maria Gazouli , Margarita Andreadou , Mirjana Čomor, Nadica Abazovic c, Leonardo A. Sechi , John Ikonomopoulos (2009). Direct detection of unamplified DNA from pathogenic mycobacteria using DNA-

derivatized gold nanoparticles. Journal of Microbiological Methods 78:260-264.

- Maria Gazouli, Emmanouil Liandris, Margarita Andreadou, Leonardo A. Sechi, Speranza Masala, Daniela Paccagnini, John Ikonomopoulos (2010). Specific Detection of Unamplified Mycobacterial DNA Using Fluorescent Semiconductor Quantum Dots and Magnetic Beads. Journal of Clinical Microbiology 48: 2830-2835.
- Emmanouil Liandris, Maria Gazouli, Margarita Andreadou, Leonardo A. Sechi, Valentina Rosu, John Ikonomopoulos (2011). Detection of Pathogenic Mycobacteria Based on Functionalized Quantum Dots Coupled with Immunomagnetic Separation. PLoS One 6(5):e20026.

Additional Information

Languages: English (First Certificate in English /University of Cambridge), French (Intermediate level), German (Intermediate level)

Computer experience: European Computer Driving Licence/ECDL (Using the computer and managing files, Word processing, Spreadsheets, Information and Communication), Adobe Photoshop, v.fortran 90, Statgraphics.

Professional experience

- April 2008-December 2009: Participation in the scientific program ‘NANOMYC’ (Multiparametric detection of bio-molecule conjugated nanoparticles for the diagnostic investigation of mycobacterial infections of humans and animals).

Scientific co-ordinator: John Ikonomopoulos

- November 2010-present: Participation in the scientific program ‘Estimation of the biosafety of animal origin foods that are intended for consumption by children in Greece’

Scientific co-ordinator: John Ikonomopoulos