

CURRICULUM VITAE



PERSONAL INFORMATION

Surname: Zavridou

Name: Martha

Father's name: Efstathios

Date of Birth: 27/08/1984

Place of Birth: Katerini, Greece

Citizenship Status: Citizen of Greece

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EDUCATION

1/2015-today: PhD student, Analysis of circulating Tumor Cells Laboratory, Department of Analytical Chemistry, Faculty of Chemistry, School of Science, National and Kapodistrian University of Athens
Supervisor: Evi S. Lianidou

12/2014: Master of Science in "Clinical Biochemistry and Molecular Diagnostics". Department of Biology, National and Kapodistrian University of Athens, Greece

Courses taught during the course: Clinical Chemistry, Immunology, Clinical Anatomy, Physiology, Biostatistics-Bioinformatics, Pathobiochemistry, Microbiology-Myology, Molecular Basis of Human Diseases, Molecular Basis of Genetic Diseases, Modern Biochemical and Biophysical Techniques

3/2010: BSc, Graduation Faculty of Sciences, Department of Chemistry, Aristotle University of Thessaloniki, Greece.

2002: High school of Katerini, Greece

PROJECTS

MSc student

Master thesis: “Study of circulating microRNAs in plasma of cancer patients”

Supervisor: E. Lianidou, Ph.D., Professor of Analytical Chemistry-Clinical Chemistry,
University of Athens

In courses:

- Protective molecular mechanisms in the process of myocardial ischemic preconditioning
- Tumor escape from immune-surveillance
- Chromosomal translocations in leukemias

BSc student

Study: « Monitoring the presence of arsenic in groundwater of Pieria, North Greece»

Supervisor: Dimitra Voutsas Assoc.Professor of Environmental Chemistry, Aristotle
University of Thessaloniki,

LANGUAGES

Native Language: Greek

Other Languages: English, Level: B2

French, Level: B2 (Diplôme d'études en langue française, DELF B2)

SCIENTIFIC EXPERIENCE-ACTIVITY

09-2015- today: Employee in ACTC Lab, performing analyses for the detection of micrometastasis in breast cancer patients using RT-qPCR for biomarker CK-19

10/2011-6/2012: Voluntary practice in “Hôpital Emile Muller”, Mulhouse, France
Department of Microbiology and Molecular Biology

Study: “Detection of viruses by polymerase chain reaction (PCR) in Molecular Biology”

7/2007-9/2007: Practice in the laboratory of water quality control, in municipality of Katerini

TECHNICAL SKILLS

Isolation of circulating tumor cells from peripheral blood

RNA and DNA extraction

microRNAs detection and isolation from tissues and plasma samples

Real-time PCR (LightCycler Technology)

Knowledge of handling automatic extractor ABBOT M24SP and QuiaCube

PUBLICATION

Markou A, **Zavridou M**, Lianidou ES, MicroRNA signatures as clinical biomarkers in lung cancer, Review, Dovepress, May 2015

POSTER

Markou A., **Zavridou M.**, Sourvinou I., Malamos N., Georgoulas V., Lianidou E.
«Detection and Clinical evaluation of miRNAs in CTC, plasma and primary tissues of metastatic breast cancer patients» **Advances in Circulating Tumour Cells (ACTC) from Basic Research to Clinical Practice, October 8-11/2014, Crete, Greece.**

Markou A., **Zavridou M.**, Sourvinou I., Malamos N., Georgoulas V., Lianidou E.
«Expression of metastasis-related miRNAs in EpCAM-positive CTC fraction, in corresponding plasma and FFPEs of breast cancer patients» **AACR 2015**

CONFERENCES

- **5/2015:** Masterclass on Immuno Oncology, Athens
- **6/2015:** Masterclass on Tumor Biomarkers, Athens
- **12/2014:** Masterclass on circulating tumor cells and molecular biomarkers, Crete
- **11/2014:** 12th Panhellenic Conference on Clinical Chemistry, Greece
- **10/2014:** 2nd International Symposium on Advances in Circulating Tumor Cells (ACTC), Crete (<http://www.actc-lab.chem.uoa.gr/>)
- **09/2014:** Hereditary Cancer Syndromes, Athens
- **04/2014:** INSPiRE International Workshop on: Oncogenic Pathways and Antitumor Responses, Athens
- **12/2013:** 64th Congress of the Hellenic Society of Biochemistry and Molecular Biology, Athens
- **10/2013:** 12th Symposium on New Molecules in Cancer Therapeutics, Greece
- **10/2013:** 2th Forum «Bioscience and Cancer: From prevention to treatment», Athens
- **11/2012:** Progress in Combination therapy of Cancer using novel immunomodulators, Hellenic Pasteur Institute, Athens
- **7/2012:** Summer School, National Center For Scientific Research «DEMOKRITOS»
- **5/2012:** Real-time PCR, Life Technologies SAS, Strasbourg, France

REFERENCES

Evi S. Lianidou. Professor of Analytical Chemistry-Clinical Chemistry, Laboratory of Analytical Chemistry, Analysis of circulating Tumor Cells (ACTC) Lab, Dept of Chemistry, University of Athens, Greece, email: lianidou@chem.uoa.gr

Dimitra Voutsas. Assoc.Professor of Environmental Chemistry, Laboratory Environmental Pollution Control, Dept of Chemistry, Aristotle University of Thessaloniki, Greece, email: dvoutsas@chem.auth.gr

Bassam Isaac. PhD Biology, Ingénieur en chef, Laboratory of Microbiology-Molecular Biology, Hospital « Centre Hospitalier de Mulhouse, Hôpital Emile Muller », France. email : isaacb@ch-mulhouse.fr