

CIRRICULUM VITAE

PERSONAL INFORMATION

Surname: Tzanikou

Name: Eleni

Father's Name: Spyridon

Date of Birth: 29/09/1987

Place of Birth: Athens, Greece

Citizenship Status: Citizen of Greece

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EDUCATIONAL AND SCIENTIFIC BACKGROUND

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: Professor Evi S. Lianidou

9/2012-1/2015: MSc Clinical Chemistry, Department of Analytical Chemistry, Faculty of Chemistry, School of Science, National and Kapodistrian University of Athens

Courses taught during the course: Clinical Chemistry I, Clinical Chemistry II, (Pathobiochemistry –Toxicology – Pharmacokinetics), Physiology – Pathophysiology, Biostatistics – Chemometrics, Molecular Biology, Molecular Diagnostics, Human Genetics, Clinical Anatomy, Modern Biochemical and Biophysical Techniques

9/2005-2/2011: BSc, Faculty of Chemistry, School of Science, Aristotle University of Thessaloniki. Grade: 7.25 (Very Good)

2005: High school of Pallini, Greece. Grade: 17.5/20 (Very Good)

WORK EXPERIENCE

3/2015-today: Technology Transfer Officer, Pharmassist Ltd, Contract Research Organisation

PROJECTS

MSc Student

Master thesis: "**Development and clinical application of methods for mutations detection in *BRAF* and *ESR1* combining ARMS-PCR and High Resolution Melting Analysis (HRMA)**", 2014

Supervisor: Evi Lianidou, Ph.D., Professor of Analytical Chemistry–Clinical Chemistry

In courses:

- Molecular Diagnostics: "**Companion Diagnostics in Cancer Management**", 2013
- Human Genetics: "**Genetic Basis of Rheumatoid Arthritis**", 2013

BSc student

Study: "**Synthesis of Fused Dihydropyrido[e]Purine**", 2010

Supervisor: Konstantinos E. Litinas, Ph.D., Professor of Organic Chemistry

POSTER: "Synthesis and Biological Evaluation of Fused Dihydropyrido[e]Purines" A. Thalassitis, E. Tzanikou, F. Pylaris, K. E. Litinas, D. J. Hadjipavlou-Litina, A.-M. Katsori. 14th Hellenic Symposium on Medical Chemistry, Greece

LANGUAGES

- Native Language: Greek
- Other Language: English (Certificate of proficiency in English, University of Michigan)

EXPERIENCE IN RESEARCH TECHNIQUES

- DNA extraction
- Polymerase Chain Reaction (PCR)
- Real-time quantitative PCR (LightCycler Technology)
- Gel electrophoresis
- High Resolution Melting Analysis (HRMA)
- In-silico design of PCR primers and probes Primer Premier 5.0

TECHNICAL SKILLS

- Very good knowledge of Microsoft Office, Chem Office
- Basic Knowledge of statistical software SPSS
- Knowledge of handling automatic immunochemical analyzers, such as COBAS 6000 (Roche), COBAS integra 400 plus (Roche), Elecsys 2010 (Roche), Olympus AU640 (Medicon), TDX (Abbott), Architect (Abbott)

SCIENTIFIC EXPERIENCE-ACTIVITY

2/2014-6/2014: Assistant in Laboratory of Analytical Chemistry, Faculty of Chemistry, training of undergraduate students of Faculties of Biology and Pharmacy in the subject of "Clinical Chemistry"

7/2013-9/2013: Practice in Agios Savvas Anticancer Hospital, Department of Biochemistry

3/2013-6/2013: Assistant in Laboratory of Analytical Chemistry, Faculty of Chemistry, training of undergraduate students of Faculty of Biology in the subject of "Analytical Chemistry"

6/2006-7/2006: Practice in Department of Research and Development New Products in "Pharmathen", Pharmaceutical Industry

ORAL PRESENTATIONS IN SCIENTIFIC CONFERENCES

Tzanikou E. "Sensitive Detection of Mono- and Polyclonal *ESR1* Mutations in Primary Tumors, Metastatic Lesions, and Cell-Free DNA of Breast Cancer Patients", Yearly update of advances in medical oncology 2016, 5-6 May 2017, Athens, Greece

Tzanikou E. "Correlation of *BRAF* Mutation Status in Circulating-Free DNA and Tumor and Association with Clinical Outcome across Four BRAFi and MEKi Clinical Trials", Yearly update of advances in medical oncology 2016, 5-6 May 2017, Athens, Greece

Tzanikou E. "*PIK3CA* mutational status in Circulating Tumor Cells (CTCs) and corresponding circulating tumor DNA (ctDNA) in breast cancer patients", 15th Symposium on New Molecules in Cancer Therapeutics, 11-12 November 2016, Athens, Greece

Tzanikou E. "Circulating tumor DNA in plasma: Definitions and methods", 15th Symposium on New Molecules in Cancer Therapeutics, 11-12 November 2016, Athens, Greece

Tzanikou E. "Definition and methods of detection of DNA mutations in the plasma", Masterclass on Tumor Biomarkers, 12-13 May 2016, Athens, Greece

Tzanikou E. "Development and applications of method for detecting BRAFV00E mutation in circulating tumor DNA in cancer patients", 23th Conference on Clinical Oncology, 12-15 Nov. 2015, Heraklion, Greece

Tzanikou E. "Clinical significance of CTCs and molecular biomarker in melanoma", Masterclass on Tumor Biomarkers, 12-13 Jun. 2015, Athens, Greece

CONFERENCES-SEMINARS

- **16/2017:** 3rd Conference of ELEFI «Biomedicine Research. Aiming at the innovation», Athens, Greece
- **11/2017:** 22nd IFCC-EFLM European Congress of Clinical Chemistry and Laboratory Medicine "EuroMedLab Athens 2017", 11-15 Iouviou 2017, Athens, Greece
- **6/2017:** Educational Workshop on Intellectual Property Management, Athens, Greece
- **5/2017:** Yearly update of advances in medical oncology 2016, Athens, Greece
- **4/2017:** American Association for Cancer Research Annual Meeting, Washington, USA
- **11/2016:** 15th Symposium on New Molecules in Cancer Therapeutics, Athens, Greece
- **9/2016:** Golden Helix Summer School "Cancer genomics and individualized therapy", Syros, Greece
- **5/2016:** Masterclass on Tumor Biomarkers, Athens, Greece

- **3/2016:** 10th International Symposium on Minimal Residual Cancer, Hamburg
- **3/2016:** Services and actions of World Intellectual Property Organization (WIPO), Athens, Greece
- **11/2015:** 23th Conference on Clinical Oncology, Heraklion
- **6/2015:** Masterclass on Tumor Biomarkers, Athens
- **5/2015:** Masterclass on Immuno Oncology, Athens
- **5/2015:** EU Funding Opportunities for the Greek Pharma R&D Sector, Athens
- **11/2014:** 12th Panhellenic Conference on Clinical Chemistry, Athens
- **10/2014:** 2nd International Symposium on Advances in Circulating Tumor Cells (ACTC), Rethymno
- **9/2014:** Hereditary Cancer Syndromes, Athens
- **4/2014:** INSPiRE International Workshop on: Oncogenic Pathways and Antitumor Responses, Athens
- **10/2013:** 12th Symposium on New Molecules in Cancer Therapeutics, Athens
- **2/2013-6/2013:** Modern Clinical Laboratory, Athens
- **4/2013:** 19th Panhellenic Conference on Clinical Oncology, Athens
- **10/2012:** 10th Panhellenic Conference on Clinical Chemistry, Athens
- **3/2012:** Auditor/Lead Auditor ISO 9001:2008 (TUV HELLAS), Athens
- **10/2011:** Conference of Dutch Medicines Days (DMD), The Netherlands
- **04/2010:** 14th Hellenic Symposium on Medical Chemistry, Thessaloniki