



CURRICULUM VITAE

PERSONAL INFORMATION

Surname: Lontra

Name: Theodora

Date of birth: 26th February, 1992

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EDUCATION

02/2019: PhD student, Analysis of circulating Tumor Cells Laboratory, Department of Chemistry, School of Science, National and Kapodistrian University of Athens.

- Supervisor: Evi S. Lianidou.

09/2010-09/2015: BSc in Biology, Department of Biological Applications and Technology, School of Health Science, University of Ioannina, Grade: 6,89/10 (Very Good).

09/2014-09/2015: Integrated Master of Science in Biological Applications and Technology

11/09/2007-24/06/2010: 3^d High School of Corinth, Grade: 18,9/20 (Excellent).

LANGUAGES

Native Language: Greek

English: First Certificate in English, University of Michigan, B2.

French: Level: B1 (Diplôme d'études en langue française, DELF B1).

COMPUTER KNOWLEDGE

- Very good knowledge of MS Office (Word, Excel, Powerpoint) and Internet Explorer.
- Practical Experience in statistical program Prism.

SCIENTIFIC EXPERIENCE

01/07/2014-31/08/2014: Practice during BSc in Hematology Research Laboratory at University Hospital at Ioannina.

10/09/2015-17/09/2016: Laboratory assistant at Interscience Molecular Oncology Laboratory, Cancer Biobank, School of Health Science, Department of Medicine, University of Ioannina.

LABORATORY SKILLS

- Isolation mononuclear cells from bone marrow with the fikoli's protocol.
- RNA extraction from blood.
- Polymerase Chain Reaction (PCR).
- Real-time quantitative polymerase chain reaction (RT- qPCR).
- cDNA synthesis.
- Cell cultures.

PROJECTS

BSc in Biology (Duration 1 year)

Thesis: Analysis of circulating microRNAs in patients with colorectal cancer.

- Supervisor: E. Briasoulis

SEMINARS&CONFERENCES (SELECTED)

- 5th ACTC 2021: Advances in Circulating Tumor Cells: Liquid Biopsy in its best. **Poster presentation.** Kalamata, Greece,2021.
- 4th ACTC 2019: Advances in Circulating Tumor Cells: Liquid Biopsy: Latest Advances and Future Challenges. **Poster presentation.** Corfu, Greece,2019.
- 2nd International Meeting on Lung Cancer. **Oral presentation** “DNA METHYLATION ANALYSIS OF SELECTED TUMOR SUPPRESSOR GENES IN CIRCULATING TUMOR CELLS AND PAIRED PLASMA SAMPLES OF EARLY STAGE NSCLC PATIENTS”. Athens, Greece 2021.
- Masterclass on Tumor Biomarkers. **Oral Presentation.** “The clinical relevance of CTCs in colorectal cancer (CRC) and cancer of unknown primary site (CUP)”. Athens, Greece 2021.

POSTERS

- **Dora Lontra**, Areti Strati , Athina Markou and Evi Lianidou ‘Direct comparison of the performance of Mic qPCR thermal cycler with LightCycler® 2.0 for gene expression studies in CTCs’. 4rd ACTC 2019: Advances in Circulating Tumor Cells: Liquid Biopsy: Latest Advances and Future Challenges, 2-5 October 2019, Corfu, Greece.
- **Londra Dora**, Sophia Mastoraki, Bournakis E, Martha Zavridou, Thanos A, Rampias T, Lianidou E ‘*USP44* promoter methylation in plasma-circulating tumor DNA in prostate cancer’. 5th ACTC 2021: Advances in Circulating Tumor Cells: “Liquid Biopsy in its best”, Kalamata 2021.
- **Londra Dora**, Sophia Mastoraki, Bournakis E, Martha Zavridou, Thanos A, Rampias T, Lianidou E ‘*USP44* promoter methylation in plasma-circulating tumor DNA in prostate cancer’ 19^ο Πανελλήνιο Συνέδριο της Ελληνικής Εταιρίας Κλινικής Χημείας - Κλινικής Βιοχημείας, Αθήνα 2021.
- **Londra Dora**, Athina Markou, Victoria Tserpeli, Ioannis Kollias, Emilia Tsaroucha, Ioannis Vamvakaris, Konstantinos Potaris, Ioannis Pateras, Athanasios Kotsakis, Vassilis Georgoulis, Evi Lianidou ‘Combined DNA methylation analysis of tumor suppressor genes in plasma cfDNA and matched CTC provides prognostic information in early stage NSCLC’. 5th ACTC 2021: Advances in Circulating Tumor Cells: “Liquid Biopsy in its best”, Kalamata 2021.
- Dora Lontra, Areti Strati, Athina Markou and Evi Lianidou ‘Direct comparison of the performance of Mic qPCR thermal cycler with LightCycler® 2.0 for gene expression studies in CTCs’. 4rd ACTC 2019: Advances in Circulating Tumor Cells: Liquid Biopsy: Latest Advances and Future Challenges, 2-5 October 2019, Corfu, Greece

PUBLICATION

1. **Londra D**, Mastoraki S, Bournakis E, Zavridou M, Thanos A, Rampias T, Lianidou ES. *USP44 Promoter Methylation in Plasma Cell-Free DNA in Prostate Cancer*. *Cancers* (Basel). 2021 Sep 14;13(18):4607. [10.3390/cancers13184607](https://doi.org/10.3390/cancers13184607)
2. Markou A, **Londra D**, Tserpeli V, Kollias I, Tsaroucha E, Vamvakaris I, Potaris K, Pateras I, Kotsakis A, Georgoulis V, Lianidou E. DNA methylation analysis of tumor suppressor genes in liquid biopsy components of early stage NSCLC: a promising tool for early detection. *Clin Epigenetics*. 2022 May 10;14(1):61. [10.1186/s13148-022-01283-x](https://doi.org/10.1186/s13148-022-01283-x)
3. Ntzifa A, **Londra D**, Rampias T, Kotsakis A, Georgoulis V, Lianidou E. DNA Methylation Analysis in Plasma Cell-Free DNA and Paired CTCs of NSCLC

- Patients before and after Osimertinib Treatment. *Cancers (Basel)*. 2021 Nov 27;13(23):5974. [10.3390/cancers13235974](https://doi.org/10.3390/cancers13235974)
4. Tserpeli V, Stergiopoulou D, **Londra D**, Giannopoulou L, Buderath P, Balgouranidou I, Xenidis N, Grech C, Obermayr E, Zeillinger R, Pavlakis K, Rampias T, Kakolyris S, Kasimir-Bauer S, Lianidou ES. Prognostic Significance of *SLFN11* Methylation in Plasma Cell-Free DNA in Advanced High-Grade Serous Ovarian Cancer. *Cancers (Basel)*. 2021 Dec 21;14(1):4. [10.3390/cancers14010004](https://doi.org/10.3390/cancers14010004)
 5. Zafeiriadou A, Kollias I, **Londra T**, Tsaroucha E, Georgoulas V, Kotsakis A, Lianidou E, Markou A. Metabolism-Related Gene Expression in Circulating Tumor Cells from Patients with Early Stage Non-Small Cell Lung Cancer. *Cancers (Basel)*. 2022 Jun 30;14(13):3237. [10.3390/cancers14133237](https://doi.org/10.3390/cancers14133237)

SCHOLARSHIPS

2022: Support program for “Enhancing Human Resources Research Potential by undertaking a Doctoral Research” Sub-action 2: IKY Scholarship Programme for PhD candidates in the Greek Universities”. STATE SCHOLARSHIP FOUNDATION (IKY).