

## CURRICULUM VITAE

**Aikaterini Lamprinou**

*Biologist*

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### Personal Details

**Name:** Aikaterini Lamprinou

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### Education

**2015- today:** M.Sc. student, Program in Biomedical Sciences - Medical Biochemistry and Anosology, School of Medicine, Department of Biochemistry, University of Patras, Patras, Greece

**2011 - 2015:** BSC in Biology, Department of Biology, University of Patras, Patras, Greece. **Degree:** 8.72/10.00 (Excellent).

**Diploma Research thesis (2014-2015):** 10/10 (Excellent).

**-2011:** Graduated from “Rodion Paideia” High School of Rhodes . **Degree:** 19.3 /20.0 (Excellent)

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### Research Experience

**2015-today:** School of Medicine, Department of Biochemistry, University of Patras, Patras, Greece. Current methodologies and techniques of Molecular Biology, Biochemistry and Genetics including DNA arrays and bioinformatic analyses. Supervision by Prof. Constantinos Stathopoulos.

**Field of research:** *RNA Biology*.

**2015-today:** Teaching Assistant in Biochemistry I, II and III laboratory practical courses for the undergraduate students of the School of Medicine of the University of Patras.

**2014-2015:** Diploma thesis in Unit of Microbiology, Department of Biology, University of Patras under the topic: “Role of actin in lipogenesis and in liposomes trafficking in the yeast *Saccharomyces cerevisiae*” supervision by Prof. George Aggelis. **Degree:** 10/10 (*excellent*).

### Domains of expertise:

**Microbial cultures** (Preparation of liquid and solid media for yeasts, bacteria and fungi, Microorganisms cultivations & Conducting experiments concerning microorganism cultivation on solid and liquid substrates), **Classical Microbiology Techniques** (Gram (+) and Gram (-) staining, malachite green staining, Nile red staining for microbial lipids, Observation of microorganism morphology by optic microscope, Observation of microorganism intracellular lipids by fluorescence microscope & Photometric analysis (3,5-dinitrosalicylic acid method-DNS and Dubois method), **Specialized Microbiology Techniques** (Biomass determination from yeast and fungi cultures, Cultivated on liquid or solid media, Extraction of intracellular and extracellular total lipids from microbial cultures, Purification and fractionation of total lipids into neutral lipids, sphingolipids, phospholipids and glycolipids & Acyl-esterification of lipids), **Analytical Techniques** (High Performance Liquid Chromatography-HPLC & Gas Chromatography-GC).

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### Seminars & Conferences

8<sup>o</sup> Diabetes Congress, Medical School, University of Patras, Patras (2013). 2<sup>nd</sup> Meeting on Pharmacokinetic/Pharmacodynamic Modeling, *University of Patras-Department of Pharmacy*, Patras (2015). 16th Congress of Medical Chemistry, Medical Society of Patras (2015). 66<sup>o</sup> Conference of Greek Society of Biochemistry and Molecular Biology, Athens (2015).

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### Foreign Languages

**English:** Excellent (Examination for the Certificate of Proficiency in English (ECPE), University of Michigan, 2008 & London Tests of English Level 5 - Proficient Communication, Edexcel, 2008).

**French:** Very Good (DELF B1, French Ministry of National Education, 2008).

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### Computer Skills

Excellent use of all Microsoft Office programs and Bioinformatics programs (alignment, blast etc.). Very good use of the statistical package "SPSS" and software "ArcGIS". Basic knowledge of the operating system "Linux" and the programming language "Python".

Completion Certificate Coursera (with honors), Online Teaching of the Johns Hopkins University for "Algorithms Sequencing DNA" (2015)

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### Awards

1st prize at the 8th European Science Olympiad - Regional Qualifying Competition in Rhodes-South Dodecanese (2009) & Panhellenic Student Competition Praise, EUSO 2010 by the Panhellenic Union Leaders Centres of Laboratory Science-PANEKFE (2010).