

CHRYSTALLA PAVLOU

Education:

- 2015 – 2016** **The Cyprus Institute of Neurology and Genetics
(The Cyprus School of Molecular Medicine)**
MSc Neuroscience
- 2012 – 2015** **University of Surrey**
BSc Biomedical Science Hons (Upper division 2:1)

Academic Awards & Achievements:

- Certificate of Surrey's top achievers for year 2012/13
- Certificate of Surrey's top achievers for year 2013/14
- Scholarship and High School Certificate of Academic excellence in both 5th and 6th grade.

Other certificates:

- Good Clinical Practice (2018)

Laboratory Work Experience:

- **St. Mary's Hospital London- Imperial College Healthcare. Department of Surgery and Cancer (September 2018-present)-Research Assistant.**

Techniques practiced: Biomarker discovering and identification using PTR-TOF-MS, SIFT-MS, SIFT method development, data analysis using R statistical programming language, consenting patients, sample collection from theaters followed by essential sample management in the lab, tissue bank, Quality Control analysis.

- **K.P. Lambrou Labs LTD (March-April 2017)-Laboratory Technician.**

Techniques practiced: phlebotomy, clinical haematology, clinical chemistry, immunology and endocrinology, blood type testing, erythrocyte sedimentation rate testing, urine culture/testing, HIV/ hepatitis testing and glycated hemoglobin testing.

- **A.K. Maritime Lab LTD (April-May 2017)-Laboratory Technician.**

Techniques practiced: Water microbiology analysis by filtration according to ISO procedures: E.Coli, Coliform and Legionella, microbiology analysis by pour plate technique according to ISO procedures, chemical analysis by spectrophotometry (Ca, Fe, K, Mg, Cl, Na etc.), media and reagent preparation.

- **Cyprus Institute of Neurology and Genetics (July 2011 & 2014)-Laboratory Assistant.**

Techniques practiced: DNA extraction, thin layer chromatography for urine oligosaccharides, Western blotting, gene therapy trials for Thalassaemia on mice.

Voluntary Work:

- Larnaca-Famagusta Association for the protection of stray animals (June-August 2012)
- Veterinary Clinic (SAV. VET.CO.LTD) (June-August 2012)
- Archiepiskopos Makarios III Hospital Nicosia (August 2011)

Skills:

- **Laboratory skills-** Mass Spectrometry, Microbiological techniques including Gram staining, Streak plate, Streak Dilutions, Culture techniques, Oxidase/catalase test, IMViC test, Hugh and Leifsen test, Nitrate reduction test, Biochemical assays including spectrophotometry, Cell and Molecular techniques including gene cloning and DNA manipulation, DNA purification, restriction enzyme digestion, ligation, transformation, plasmid isolation, gel electrophoresis, PCR amplification.
- **Software:** R, GraphPad Prism, European Computer Driving Licence (ECDL)

. **References and Certificates available on request**
