

CHRYSTALLA PAVLOU

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Work Experience:

2019 - Present

**Medical School-University of Cyprus
(Shakolas Educational Center for Clinical Medicine)**

- **Laboratory Manager** (Experimental Pharmacology Laboratory)
 - **Research Assistant** (*University of Cyprus action against antimicrobial resistance*)
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Education:

2015 – 2016

**The Cyprus Institute of Neurology and Genetics
(The Cyprus School of Molecular Medicine)
Master of Science: Neuroscience**

2012 – 2015

**University of Surrey
Bachelor of Science: Biomedical Science Hons (First Division)**

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)
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Laboratory Work Experience:**2018-2019****Research Assistant: St. Mary's Hospital London,
Imperial College Healthcare, Department of Surgery and Cancer.**

Techniques practiced: Biomarker discovering and identification (clinical research) 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.

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

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.

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

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.

July 2011 & 2014**Laboratory Assistant: Cyprus Institute of Neurology and Genetics**

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

Voluntary Work:**June-August 2012**

Larnaca-Famagusta Association for the protection of stray animals.

June-August 2012

Veterinary Clinic (SAV. VET.CO.LTD)

August 2011

Archiepiskopos Makarios III Hospital Nicosia.

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)

Publications:

- Bhamini Vadhvana, Ilaria Belluomo et al. (2019): Impact of oral cleansing strategies on exhaled volatile organic compound levels. London: Rapid Communications in Mass Spectrometry.

-More publications-in progress...

. References and Certificates available on request
