

Meryem Ebedi

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Summary

Motivated and dynamic professional with hands-on experience overseeing sample collection, analysis, and reporting functions, aiming to accurately devise and record multifaceted results.

— Key Qualifications —

- Skilled at supported the execution of post-mortems to assess and pinpoint requisite information and facts.
 - Aptitude for heading complex research projects, delivering within defined time and budgetary constraints
 - Ability to perform routine and molecular pathology techniques including tissue processing, sectioning, staining, DNA and RNA analysis, PCR, immunohistochemistry, tissue microarray construction.
 - Collaborative leader, skilled at collaborating with key stakeholders analyse and address multifaceted issues.
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Professional Experience

Faculty of Medicine, Girne American University, Cyprus

Assistant Lecturer, February 2022-

Courses Delivered: Histology, Pathology, Histology Lab, Pathology Lab

University of Arizona GAU Campus, Girne American University, Cyprus

Admissions Coordinator, January 2021 – January 2022

Currently responsible of handling of Inquiries and communication with Leads, surveying admission journey for quality assurance, managing Student Immigration & Student Records with GAU Registrar's Office, Alignment with University of Arizona, main campus, Enrolment Office on Applicants, coordinating GAU – University of Arizona Academic Support & Collaboration (Developing cooperation topics and areas) as well as aligning with relevant GAU Departments for a timely delivery of assignments.

Near East University, DESAM Institute, SARS-Cov-2 Laboratory, Cyprus

Senior Scientific Officer, July 2020 – January 2021

Actively took part in day to day running of Sars-Cov-2 lab by working with nasopharyngeal swab samples, perform RNA extraction, run real time PCR, analyse results and forward results to health authorities. Produce SOPs including standard workflow of the lab, acceptance of samples and offer technical knowledge of troubleshoot where necessary.

Selected Contributions:

- Used my extensive laboratory experience which I have gained from previous job positions and successfully implemented same professional performance in this fast paced environment.
- Successfully created a workplan for lab in order to work in teams in long shifts when necessary and provide fast and reliable results.

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Barts Cancer Institute, Core Services, Queen Mary University of London, UK

Histopathology Research Assistant, 2018 to Sept 2019

Performed routine histology duties day to day basis including embedding (extensively worked with Thermo and Leica) , microtome (extensively worked with Thermo and Leica) sectioning (over 30 blocks p/h). Took personal initiative to gain more experience on immunohistochemistry with automated system by using Ventana Discovery XT and Classic machines. Routinely performed antibody optimisation for both internal and external departments.

Selected Contributions:

- Enhanced professional knowledge and experience in routine histology enabled a faster work submission on overall histology requests which greatly increased the number of external works.

Academy of Forensic Medical Sciences – London, UK

Course Administrator, 2016 to 2018

Assisted with various professional skills for effective administration of Forensic Medical Sciences course and other relevant Professional Diploma courses. Communicate feedback pertaining students' assignments and dissertations. Promote academy and various distance learning courses on national and international level. Strengthen relations with relevant bodies and associations, improving educational and professional connections.

Selected Contributions:

- Visited mortuary and supported routine post-mortems, while operating as an assistant for a key research project in cardiovascular pathology.
- Developed a superior website which provided better information for forensic professionals.
- Headed a comprehensive research, netting acceptance for presentation at the IAFS conference in 2017 in Toronto, Canada.
- Strengthened professional relations with various professionals by attending Forensic Expos.

Barts Cancer Institute, Centre for Molecular Oncology, Queen Mary University – London, UK

Research Assistant, 2014

Supported numerous in-group projects pertaining to testicular cancer and HPV. Executed several molecular biology techniques including DNA and RNA extraction from FFPE tissue samples, qPCR, immunohistochemistry, tissue microarray construction and HPV strip analysis. Implemented the national tissue bank through coordination with the Medical Research Council and oversaw collection of male cancer tissue samples from prior trial studies.

Selected Contributions:

- Assured seamless delivery of a key research project by initiating connections in a short time period.
- Enhanced personal acumen and develop relevant skills by operating within the lab without supervision.

Near East University Hospital, Dept. of Pathology – Cyprus
Clinical Pathology Laboratory Assistant, 2010 to 2013

Administered routine histopathology functions including tissue processing, embedding in paraffin, microtome, and cryostat sectioning, as well as headed H&E staining, cytology work, and molecular pathology tests such as immunohistochemistry and histochemistry. Directed sample acceptance and LIS logging, assuring smooth organisation of lab by generating various SOPs.

Selected Contributions:

- Pooled resources with medical biology and genetics department to steer HPV genotyping testing via PCR.
- Coached undergraduate medical students on the fundamentals of clinical pathology workflow.

Additional experience as **Biologist** with Yesilirmak Water Factory, Cyprus; **Research Assistant** with Dept. of Pathology, University of Tromsø, Norway

Educational Background

PhD in Forensic Sciences, 2021 –

Institute of Forensic Sciences and Legal Medicine, Istanbul University- Cerrahpaşa, Turkey

Master of Science in Forensic Medical Sciences, 2016

Queen Mary University of London, UK

Master of Science in Molecular Pathology & Toxicology, 2009

University of Leicester, UK

Bachelor of Science in Biology, 2008

University of Cukurova, Turkey

Bachelor of Science in Biology (cont.), 2006-2007

University of Tromsø, Norway (Exchange Student)

Postgraduate Degree Dissertations

- Investigation of the relationship between cardiovascular disease with corneal arcus, xanthelasma, and earlobe crease in an age independent post-mortem study
 - MicroRNA in Colorectal Cancer

Relevant Subjects

Cell Biology | Genetics | Biochemistry | Bioinformatics | Cancer Biology | Immunology | Microbiology | Cytology | Clinical Forensic Medicine | Forensic Pathology | Forensic Human Identification | Forensic Toxicology | Legal and Ethical issues relevant to Forensic Medicine and Science | Molecular Mechanisms of Pathology and Toxicology | Molecular Pharmacology and Toxicology | Histology

Professional Development (Trainings and Workshops)

Selection of Lab PPE | Manual Lifting and Handling | Hazardous substance risk assessment (COSHH) | Working Safely with Biological Hazards | First Aid for laboratory workers | GM risk assessment and notification | Good clinical practice (GCP) | Unconscious bias training | Fire safety – Online course | Research Integrity- Online course | Genomic Technologies in Clinical Diagnosis: Molecular Techniques- Online Course | Understanding Sciences used in Death Investigations- Online Course | Ageing Changes on The Face and The Cardiovascular System- Poster presentation | Getting more from your Forensic Lab through Technology and Collaboration workshop | 3D Documentation technologies for Medical Examinations workshop | Blood Pattern Analysis (BPA) Awareness Course (Half-day course) | Management of the Dead Course (4 day course) | Forensic Human Identification Course (5 day course) | Forensic Science and Criminal Justice- Online Course | Course on Immunofluorescence, Immunohistochemistry, Histochemistry Techniques in Transplant Pathology | Molecular Pathology Approach to Cancer | Laboratory Information System in Pathology | Fundamental Techniques in Molecular Biology Course | The Importance of HPV DNA Genotyping in the Early Diagnosis of Cervical Cancer- Poster Presentation