

# AGLAIA XENIDOU

## Education

### **09/2017-09/2018 MSc Musculoskeletal Science, UCL**

- Merit
- Key modules: Musculoskeletal Tissue Biology – Disease and Dysfunction, Biomechanics and Biomaterials

### **Master's research project**

- *Aim:* develop 3D in vitro models for skeletal muscle to investigate cell-ECM interactions in homeostasis and ageing
- Engineered 3D cell embedded collagen models with the use of an angioplasty inflation device
- Identified the mechanical properties, cell behavior and microstructure of the collagen contracts
- Techniques used: cell culture, fabrication of hydrogels, gel aspiration ejection technique, RAFT, immunohistochemistry, tensile testing (BOSE), scanning electron microscopy imaging, microscope imaging
- Skills acquired: laboratory skills, critical thinking, analytical skills, academic writing, statistical and graphical analysis of data, time management and organisation

### **2013-2016 BSc (Hons) Biological Anthropology, University of Kent**

- Upper second class (2:1)
- Key modules: Forensic Anthropology, Epigenetics and Human Evolution, Human Behavior and Ecology, The Evolution of Human Diversity
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### **2010-2013 Apolitirion – Kykkos A' General Lyceum, Nicosia**

- School Leaving Certificate Grade: 94.15%
- Majors Subjects: Biology, Chemistry, English
- As Chemistry (C), IGCSE (B), IELTS (6.5)

## Work Experience

### **Molecular Medicine Research Center, University of Cyprus**

#### *7/2020-present Technologist - Special Scientist*

- Perform genetic tests and procedures
- Safely store biological samples (Biobanking)
- Skills acquired: DNA extraction, report writing

### **LifeLine Cord Blood & Tissue Bank**

#### *3/2020-present Laboratory Officer*

- Perform laboratory tests and procedures on cord blood in order to extract and safely store stem cells
- Record results and prepare reports
- Maintain and calibrate technical equipment
- Skills acquired: attention to detail, laboratory techniques, teamwork

## **MediLink Pharmaceuticals Ltd, Nicosia**

*4-9/2019 Medical Representative*

- Developed strategies for increasing opportunities to meet and talk to contacts in the medical and healthcare sector
- Coordinating with the stockiest, pharmacy stores and doctors for orders
- Skills acquired: sales awareness, communication, organization, time management

## **Private tutor, London**

*10/2018-03/2019*

- Worked one-on-one with secondary school and elementary school students
- Developed custom curriculum, including homework and assessments
- Increased students' interest and understanding of the curriculum
- Skills acquired: organization, creativity, problem solving skills, communication

## **The Cyprus Institute of Neurology and Genetics, Nicosia**

*3-6/2017 Intern*

- Department of Molecular Genetics, Function and Therapy
- Examined the regeneration capacity of the muscle with the study of myogenic regulatory factors
- Techniques used: tissue embedding, animal (mouse) dissection, protein extraction, western blot, cryostat, h&e stain
- Skills acquired: teamwork, use of technical equipment with accuracy

## **Committee of Missing Persons, Nicosia**

*8-9/2015 Forensic Anthropology Lab assistant*

- Managed the restoration process of human remains
- Supported anthropological analysis of human remains
- Skills acquired: multicultural sensitivity, report writing, composure, presentation

## **Other skills**

- Languages: English, Greek
- Computer Literacy: Microsoft office (Word, Excel, Power Point), SPSS, Google Analytics

## **Accomplishments and Training**

**2018** e-Learning workshop: Gas Safe Using Liquid Nitrogen Safely Within Universities

**2017** Human Anatomy and Physiology (2:1) King's College London Summer School

**2017** Member of the Mediterranean Science Festival in Cyprus

**2016** Member of the Anthropology society at University of Kent