

## GIZEM KINEL

Department of Pharmacy  
Pharmacy Building, Room Phar337  
Eastern Mediterranean University  
Faculty of Pharmacy  
Famagusta, North Cyprus  
Mersin 10, Turkey

### PERSONAL INFORMATIONS

Date & Place of Birth: 17.4.1989 - Nicosia/Cyprus  
Marital Status: Married  
Nationality: Cypriot



### CURRENT POSITION

**Eastern Mediterranean University**  
Faculty of Pharmacy, Senior Instructor

### EDUCATION

#### **Cyprus International University**

Doctor of Philosophy (PhD), Pharmaceutical Sciences \* BOTANY      Cyprus International University  
2019-present

#### **Eastern Mediterranean University**

Master of Science, Chemistry      Eastern Mediterranean University  
2017-2019

Name of the Project: Anatomical, Chemical and Antimicrobial Activity of *Pistacia Lentiscus L.*

#### **Kingston University London**

Bachelor of Science with Honors Medical Biochemistry      Kingston upon times, London  
Dissertation: The development of Trastuzumab-DM1      2006-2011  
And it's potential for use in treatment of breast cancer

#### **Eastern Mediterranean College**

High School      Cyprus 2000-2006

## GRANTS AND AWARDS

Awarded to *1<sup>st</sup> Price* at Photographic Competition, “Cypriots of Tomorrow – YES to the vision of the common future” by new Cyprus Association.

18 March 2011

## TEACHING EXPERIENCE:

### Eastern Mediterranean University

Lab Instructor, Pharmaceutical Botany	PRESENT
Lab Instructor, Pharmacognosy I	Spring 2016-Present, Fall 2016, Summer 2015
Lab Instructor, Pharmacognosy II	Spring 2016-Present, Fall 2016, Summer 2015, Spring 2015
Lab Instructor, Pharmacognosy III	Spring 2016-Present, Fall 2016, Summer 2015, Spring 2015
Lab Instructor, Biochemistry	Spring 2016-Present, Fall 2016, Summer 2015, Spring 2015
Lab Instructor, Microbiology	PRESENT
Lab Instructor, Virology	PRESENT
Lab Instructor, Immunology	PRESENT

### Pharmaceutical Botany:

Classification of plant kingdom, schema and presentation of its sections (Gymnospermae and Angiospermae), primitive plant families, advanced plant families, important micro and macroalgae species in pharmacy, bacteriophyta, micro and macrofungi, important plant families with medicinal potential, plant species used in preparation of herbal medicines and in traditional medicine.

### Pharmacognosy – I:

General definitions and concepts of Pharmacognosy, biosynthesis of natural products, qualitative and quantitative analysis methods of plant chemicals, carbohydrates, oses and osides, oligoholosides, polyholosides and their natural resources, introduction to heterosides, cardioactive heterosides, triterpene and steroidal saponosides, flavonoids and phenol heterosides, coumarins, tannins, anthraquinones, naphtaquinones, cyanogenetic heterosides, glycogenetic heterosides, senevol heterosides.

### Pharmacognosy – II:

Introduction to terpenes, definition, biosynthesis, classification, isolation and analysis techniques of terpenes, terpene derivatives used in medicine, volatile (essential) oils, fixed oils, lipids, their natural sources, their quality control and analysis methods and medicinal use, microbial biotransformation of natural products (terpenes, steroids, etc.)

### Pharmacognosy – III:

Introduction to alkaloids, alkaloid identification methods, medicinal alkaloids and protoalkaloids and their related herbal sources, chemical classification, pyridine, piperidine, quinoline, and tropane alkaloids, Opium alkaloids, steroidal alkaloids, and terpene-derived alkaloids, lectins, introduction to aminoacid and proteic compounds from plants proteins and natural compounds produced by biotechnological methods, fermentation technology, antibiotics of natural origin.

## **Biochemistry:**

Protein structure, enzymes, carbohydrates and lipids, cell membranes, channels, pumps and receptors, transducing and storing energy, nucleic acid structure and DNA replication, RNA synthesis, processing and regulation, gene expression, protein synthesis, techniques in protein biochemistry, immunological and recombinant DNA techniques.

## **PROFESSIONAL EXPERIENCE:**

**Worked** at Yasam Private Hospital in the Clinical Laboratory department (Biochemistry, Haematology, Immunology and Microbiology) February 2012- March 2012

**Internship** From *Cyprus Turkish Associated of Managers* at TIP Merkezi Hospital in the Clinical Laboratory department (Biochemistry, Haematology, Immunology and Microbiology). (Voluntary) October 2011 – December 2011

**Erasmus Exchange Program** at Larnaca General Hospital in the Clinical Laboratory department (Biochemistry, Haematology, Blood Bank, Immunology and Microbiology) June 2009- September 2009

**Internship** at Famagusta General Hospital in the Laboratory department (Biochemistry, Haematology, Blood bank, Microbiology and Phlebotomy)(Voluntary) July 2008 – August 2008

## **SKILLS**

- Fluent in English,
- Reliable knowledge regarding computer and effective usage of the Internet and MS Office (Word, Excel, PowerPoint),

## **REFERENCES**

Eastern Mediterranean University, Faculty of Pharmacy

- Prof. Dr. FATMA NERİMAN ÖZHATAY  
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- Prof. Dr. Mustafa Fethi Sahin  
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- Ass. Prof. Dr. Emine Vildan Burgaz (Faculty Member)  
Tel No; 0090 392 630 2148 E-Mail; [vildan.burgaz@emu.edu.tr](mailto:vildan.burgaz@emu.edu.tr)
- Ass. Prof. Dr. Mehmet Ilktac (Vice Dean of the Pharmacy Faculty)  
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