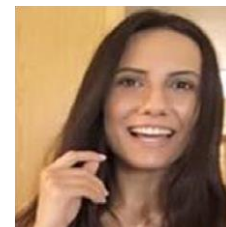


# Ilkay Edip

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## Personal Details:

March 2<sup>nd</sup>, 1994 • Nicosia • Cypriot  
Female • Single

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## Research Assistant

Versatile and dynamic recent graduate with strong educational background and practical research experience/internships in molecular biology, genetics, and DNA testing. Capable of unravelling the genes/molecular mechanism using techniques, such as PCR, NGS, and Agarose. Ability to test the Hepatitis B/C, HIV Detection, and beta-thalassemia mutation. Native communicator of Turkish, with fluency in English (IELTS: 6.5) and basic knowledge of Spanish.

### Areas of Expertise

- Allergenicity Research
  - Vaccine Antigens
  - Immunology & Allergy
  - PhD Project Participation
  - Pedigree Analysis
  - Human Cell Assays
  - Teamwork & Collaboration
  - Relationship Building
  - Conflict Resolution
  - Western Blotting
  - Luciferase Reporter System
  - Molecular Cloning
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## EDUCATION

**Master of Science in Immunology & Allergy** | University of Nottingham, UK, Sep 2018

*Thesis: "Prediction of Allergenicity of Conformational Epitopes of Candidate Vaccine Antigens against Schistosoma Mansoni", Advisor: Dr. Franco H. Falcone*

**Bachelor of Science in Molecular Biology and Genetics** | Istanbul Technical University, Turkey, May 2017

*Thesis: "Comparison of G. hansenii and G. xylinus in terms of Bacterial Cellulose Production"*

*Advisor: Prof. Dr. Nevin Gul Karaguler*

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## WORK EXPERIENCE

**Molecular Biology and Genetics Department, Eastern Mediterranean University, Cyprus, Feb 2019- Present**

**Lecturer of Biochemistry / Teaching Assistant**

Assist in the development of learning materials, preparing schemes of work and maintaining records to monitor student progress, achievement and attendance and effectively manage laboratory experiments of other courses.

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## RESEARCH EXPERIENCE HIGHLIGHTS

**Molecular Biology and Genetics Department, Bogazici University, Turkey, Jun 2016-Aug 2016**

### Intern

Provided dynamic support to unravel the genes and molecular mechanism of Charcot-Marie Tooth Disease using techniques, such as PCR, agarose gel electrophoresis, and pedigree analysis. Isolated DNA for tests by using isolation kits and interpreted the mutation type of thalassemia either beta or alpha.

### Key Accomplishment:

- Accomplished bottom-line results by learning how to use isolation kits and interpreting test results.

**DNA Laboratory, Burhan Nalbantoglu Government Hospital, Cyprus, Jun 2015-Aug 2015**

### Intern

Analysed and interpreted tests of Hepatitis B/C and HIV Detection as well as beta-thalassemia mutation. Facilitated staff for basic routine ex autoclave and sample preparation, oversaw every step of experiment, and interfaced with lab mates