

# LINAH MOHAMED ELMAGZOUB

NEUROSCIENCE  
GRADUATE STUDENT

## CONTACT



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Istanbul, Turkey

## SKILLS

Use of office 365 programs

Research

Communication skills

Use of programs such as BLAST, SWISS  
MODEL

Preparing 3D scaffold -Preparing Nano-  
particles

Cell culturing

## EDUCATION

Bachelor degree in genetics  
and bioengineering

**Istanbul Bilgi university**

2022-ongoing

MSc in neuroscience

**Bahcesehir university (BAU)**

## LANGUAGES

English



Arabic



turkish



## EXPERIENCE

- internship and training: Oz İstanbul tip Merkezi

This training lasted a period of 21 days, in that short amount of time, I was able to gain a wider understanding of everything I have theatrically covered, through a hands-on approach, exceeding the microscopic level of identifying and observing. I got to work with patients firsthand and examine the procedure of collecting samples and sample processing, focusing mainly on the study of hematology. With the knowledge that hemoglobin inherited disorders are one of the most apparent genetic disorders, this knowledge aided in connecting all of which that I have only seen in theory, into reality.

- senior design project: Use of Biodegradable scaffold for controlled anticancer drug release on breast cancer MCF7 cells/ with prof. Ali Deniz Dalgic. Through this project I was able to gain practice in lab techniques, such as maintaining cancer cell culture, creating biodegradable scaffold, drug delivery.
- methods, and observing viability of cells in accordance to the drug and environment. -as well as techniques gained during my undergrad studies: gel electrophoresis, live application of fruit fly genetic manipulation.

## STUDENT PROJECTS

- Designing mutagenetic primer set - Designing electrochemical DNA biosensor (for breast cancer detection)
- Use of Biodegradable scaffold for controlled anticancer drug release on breast cancer MCF7 cells - effects of a PDE4 inhibitor drug in the airflow function of lungs affected by COPD