

CEMİLE GÖKÇE

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Education:

2021-2024:

- M.Sc in Ankara University Biomedical Engineering (100 % English)

2015-2021:

- Undergraduate in Ankara University Biomedical Engineering (100 % English), Grade: (3,73/4)

2019-2020:

- Erasmus+ Student in Rhein-Waal University Bioengineering (100% English)

2012-2015:

- Muratpaşa Türk Telekom Anatolian High School, Top scoring student

2003-2012:

- Dr. Cahit Ünver Elementary School

Internships & Experiences:

2024-today:

- Research Assistant in Ankara University Biomedical Engineering (100 % English)

2021-today

YilmazerLab Ankara (Group member, M.Sc Student)

2019:

1. Ankara University Department of Biomedical Engineering (Part-time Student)
 - Lab assistant and Exam Proctoring
2. Novamed GmbH Antalya (Intern)
 - Quality control department archiving, laboratory quality testing for arterial vein blood sets for dialysis

2018:

İbni Sina Hospital Ankara (Intern)

- Use and repair of damaged medical devices

Projects:

2020-2021:

- Undergraduate graduation project, Title: Two-dimensional tantalum carbide nanosheets in cancer diagnosis and treatment

2021-2024:

- Scholar, Tubitak 1004 project, Title: Regenerative and Restorative Medicine Research and Applications

Publications:

2023:

- Synergized photothermal therapy and magnetic field induced hyperthermia via bismuthene for lung cancer combinatorial treatment, DOI: 10.1016/j.mtbio.2023.100825
- Low Dose of Ti3C2 MXene Quantum Dots Mitigate SARS-CoV-2 Infection, DOI: 10.1002/smt.202300044

2022:

- Facemask global challenges: The case of effective synthesis, utilization, and environmental sustainability, DOI: 10.3390/su14020737
- 2D materials for cardiac tissue repair and regeneration, DOI: 10.3389/fcvm.2022.802551
- Emerging 2D materials for antimicrobial applications in the pre-and post-pandemic era, DOI: 10.1039/D1NR06476B

2021:

- 2D MXenes with antiviral and immunomodulatory properties: A pilot study against SARS-CoV-2, DOI:10.1016/j.nantod.2021.101136

Languages:

- English
- Deutsch

Interests:

Medical biotechnology, biomedical, bioengineering, nanomedicine, biomaterials, cancer, immunology, regenerative medicine

Skills & Expertise:

- MS Office
- Academic writing
- Communication & Presentation Skills
- AutoCAD
- MATLAB
- C++

Exam Scores:

- Ales: 86,38
- Yökdil: 96,25
- Yds: 90

Trainings & Certificates:

2023:

- Certificate of use of laboratory animals

2020:

- GLP, GMP and ISO
- MDR 2017/745

References:

Assoc. Prof. Dr. Aelya Yılmaz Aktuna at Ankara University Department of Biomedical Engineering, and Assistant Manager at Ankara University Stem Cell Institute, e-mail: yilmazer.acelya@gmail.com