

PERSONAL DATA

Name and Surname : Ahmet Ersin MEYDAN
Date of Birth : April 10, 1995
Place of Birth : Mut, TURKEY
Sex : Male
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EDUCATION

M.Sc. in Biomedical Engineering, TOBB University of Economics and Technology, Ankara, 04.05.2018 – Ongoing,
B.Sc. in Biomedical Engineering, TOBB University of Economics and Technology, Ankara, 05.09.2013 – 03.05.2018, GPA: 3.36/4
Yusuf Kalkavan Anatolian High School, 2009-2013, Mersin, TURKEY, GPA: 87.53/100

RELEVANT WORK EXPERIENCE

- ❖ Center for Stem Cell Research and Development (PEDI-STEM), Cooperative Education Student, Hacettepe University, TURKEY, 05.09.2017 – 11.12.2017
 - Acquiring requirements of a cell culture laboratory
 - Obtaining information about mesenchymal stem cells and hematopoietic stem cells with their isolation and culture techniques
 - Immunoprecipitation, Western blotting, DNA, RNA, plasmid isolation and bacteria culture
- ❖ Cell and Tissue Engineering Research Group, Cooperative Education Student, Hacettepe University, TURKEY, 09.01.2017 – 14.04.2017
 - Learning operation principles of cell and tissue engineering laboratory
 - Obtaining information about cell culture techniques
 - Nanoparticle fabrication and drug release
 - MTT and Collagen II Analysis
- ❖ Plasma Aided Biomedical Research Group, Researcher, TOBB University of Economics and Technology, Ankara, TURKEY, 02.05.2016 – Ongoing
 - Learning operation principles of an laboratory
 - Gaining valuable first laboratory experience
 - Taking an active role in laboratory organization
 - Electrospinning and Plasma Polymerization process

- Research drug release profile from electrospun amyloid like protein nanofiber mats
- To be involved in the project¹ as volunteer researcher, 20/08/2016 – Ongoing

- ❖ Biyans Biological Products, Cooperative Education Student, TURKEY, 02.05.2016 – 12.08.2016
 - Electrospinning and Plasma Polymerization process
 - Research drug release profile from electrospun amyloid like protein nanofiber mats

RESEARCH INTERESTS

- ∴ Biotechnology & Bioengineering
- ∴ Biomaterials
- ∴ Electrospinning
- ∴ Scaffold Fabrication
- ∴ Cell and Tissue Engineering
- ∴ Plasma Applications
- ∴ Biosensors

LANGUAGES

Turkish (native language)

English (upper-intermediate, TOEFL: 520)

German (pre-intermediate)

IT SKILLS

Good command of MS Office (PowerPoint, Excel & Word), Adobe Photoshop CS6, Adobe Illustrator CS6, Origin, ImageJ, Mathcad, C, Matlab,

INTERESTS AND ACTIVITIES

Currently contain: Tennis, photography (specifically photography of nature), tasting and cooking (diversified amount of cultural desserts), and origami

PERSONAL DETAILS

Driving Licence: B/Clean

Health: Good

Work Permit: Full TR work permit

CONFERENCES AND CERTIFICATES

May 21-22, 2015, GATA Biomedical Days

October 7–9, 2015, Future Medicine, Certificate of Attendance

October 7–9, 2015, Organiser, Future Medicine, Certificate of Appreciation

¹Biomedical Engineering, TOBB University of Economics and Technology, Nanocellulose Reinforced Composites for Advanced Earthquake-proof Construction Technology(nCEL-CONST), Project Code:216M392

October 2-4, 2017, Board Member and Organiser, Future Medicine, Certificate of Appreciation

Meydan, A. E., Kabay, G., Can, G. K., & Mutlu, M. (2017). Controlled release behavior of a hydrophilic drug from electrospun amyloid-like protein blend nanofibers. Oral presentation at 2017 MRS Fall Meeting & Exhibit, Boston, MA, 28 Nov. 2017.

Meydan A. E., Seyrek A., Anti-Tumour Property of Pyrrole Doped Electrospun PCL Fibrous Scaffold: A Novel Breast Cancer Therapy. Oral presentation at Summer School on Eco-Bio-Nano Materials Processing and Applications and KONNECT Day, Ankara, Turkey, 28 May. 2018.

Meydan A. E., Kabay, G., Can, G. K., & Mutlu, M. (2017). Controlled release of a hydrophilic drug from electrospun amyloid-like protein blend nanofibers. Poster presentation at E-MRS 2018 Spring Meeting, Strasbourg, France, 19 Jun. 2018.

PUBLICATIONS

1. Kabay, G., **Meydan, A. E.**, Can, G. K., Demirci, C., & Mutlu, M. (2017). Controlled release of a hydrophilic drug from electrospun amyloid-like protein blend nanofibers. *Materials Science and Engineering: C*, 81, 271-279.
2. Kabay, G., Demirci, C., Can, G. K., **Meydan, A. E.**, Daşan, B. G., & Mutlu, M. (2018). A comparative study of single-needle and coaxial electrospun amyloid-like protein nanofibers to investigate hydrophilic drug release behavior. *International journal of biological macromolecules*.

REFERENCES

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