Asena Gülenay Tatar Kırtay

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EDUCATION

Ph.D., Sabancı Üniversity (2019-Present)
B.Sc., Izmir Katip Celebi University (2015-2019) (GPA: 3.72)
High School, Manisa Dündar Ciloglu High School (2010-2014)

SKILLS

Rhinoceros 3D (Intermediate Level)
Solidworks (Intermediate Level)
Proteus (Intermediate Level)
Arduino (Beginner Level)
Prezi (Intermediate Level)
Biopac Student Lab (Intermediate Level)
Wolfram Alpha (Beginner Level)
MS Office (Intermediate Level)
C Programming (Pre-Intermediate Level)

LANGUAGES

Turkish (Native Language)
English (Fluent)
German (Beginner Level)

ACADEMICS

Çiğdem Bilici, Mine Altunbek, Ferdows Afghah, Asena G. Tatar, and Bahattin Koç (2023). Embedded 3D Printing of Cryogel-Based Scaffolds, *ACS Biomaterials Science & Engineering* **2023** *9* (8), 5028-5038. DOI: 10.1021/acsbiomaterials.3c00751

Onak Pulat, G. , Tatar, A. G. , Usta, Y. H. & Karaman, O. (2022). Improved endothelial cell proliferation on laminin-derived peptide conjugated nanofibrous microtubes using custom made bioreactor . International Advanced Researches and Engineering Journal , 6 (3) , 220-226 . DOI: 10.35860/iarej.1096616

Development of Personalized Vascular Grafts with Hydrogel-assisted 3D Bioprinting, TUBITAK project, Sabanci University, Nanotechnology Research, and Application Center (2019 - 2022)

Bilici, C., Tatar, A.G., Senturk, E., Dikyol, C., Koc, B., 2022, Bisulfite-initiated crosslinking of gelatin methacryloyl hydrogels for embedded 3D bioprinting, Biofabrication, 14, 2, 025011.

TUBITAK 2209-A, Determination of Endothelial Cell Attachment and Proliferation Effect of Nanofiber Based Microtubes Modified with Laminin-Derived Peptide Sequence.

Onak G., Tatar A.G., Bilgili H.K., Erdoğan N., Karaman O., Surface modification of aligned polycaprolactone nanofibers by different glutamic acid sequences containing peptides for enhanced biomineralization, The 22nd International Biomedical Science and Technology Symposium (BIOMED 2017), May, Ankara, Turkey, 12-14 2017 (Poster).

INTERNSHIPS

Sabancı University Nanotechnology Research and Application Center (SUNUM) 3D Bioprinting Laboratory (July 2 - August 10, 2018)

Celal Bayar University Hafsa Sultan Hospital Medical Department (July 3 - August 11, 2017)

CERTIFICATES

Occupational Health and Safety
Clinic Ionized Radiation Safety
Clinical Engineering Services in Turkey
Time Management
System and Software Solutions in Biomedical Engineering