

BIOE 4097 BIOENGINEERING GRADUATION PROJECTS (2018-2019)

Project ID	Project Title	Project Supervisor	Research Group
AAU2	Determination of Gender-Specific Variations in Mastic Tree by New Generation Approaches at Genome Level	Prof. Ahu Altinkut Uncuođlu	Gizem Babuđu, K¼bra am
BM1	The Genomic and Morphological Effects of Bisphenol A on Arabidopsis thaliana	Prof. B¼lent Mertođlu	G¼nsu Karadađ
BSA1	Virtual screening of drug-like data-bases for beta-lactamase inhibitors	Prof. Berna Sariyar Akbulut	Ebru aka, Yusuf Ceyhun Erdođan
BSA2	Investigation of natural products in the fight with drug resistance	Prof. Berna Sariyar Akbulut	G¼ls¼m Merve Bastem, Hatice ¼zcan, Bilal Aydođan
BSA3	Characterization of TEM-1 beta-lactamase for allosteric regulation	Prof. Berna Sariyar Akbulut	Safinaz ¼zdemir
DK1	Production of 3D scaffold using biopolymer blend	Prof. Dilek Kazan	Elif Nur Avcı, Tuđe Korkmaz, Emrah Karadađ
DK2	Effect of oxygen concentration on the production of biopolymers	Prof. Dilek Kazan	Belkis G¼neř, Esmá Derin
ETO1	Development of an enzymatic bioprocess for levan production	Prof. Ebru Toksoy ¼ner	Hilal Kabakı
FNO1	Bioprinting for cartilage (Cell culture testing including)	Prof. Faik N. Oktar	Muhammet Sefa İzg¼rd¼, Evren İsa Uzgur
FNO2	Nanofibers with bacterial cellulose for wound dressing (Cell culture and Antimicrobial testing including)	Prof. Faik N. Oktar	Arzu Yıldız, Hatice Karabulut, ¼mm¼g¼ls¼m Karadař
FNO3	Natural bioceramics for bone engineering applications (Cell culture testing including)	Prof. Faik N. Oktar	Mihriman Demir
KYA1	Mutli-omics data integration for systems biomarkers in thyroid cancer diagnosis, prognosis and therapy	Assoc. Prof. Kazım Yalın Arđa	Melis Soylu, Damla Nur Demirel, Habip BC Erd¼nmez
KYA2	Efficiency evaluation for systems biomarkers in cancer diagnosis, prognosis and therapy	Assoc. Prof. Kazım Yalın Arđa	Fulya K¼¼kalp, Buse alođlu, İpek Esen
KYA3	Systems biology analyses on neurodegenerative diseases	Assoc. Prof. Kazım Yalın Arđa	Berfin Binay, İpek Zeynep Dađ, Aya Deniz
POS1	Computational studies on caspase molecules	Assoc. Prof. Pemra ¼zbek Sarıca	Pelin Karakař