

CURRICULUM VITAE

Name and Surname: Sena Özyiğit
Academic Title: Research Assistant
Work Address:
Email: sozyigit@biruni.edu.tr
Foreign Languages Known (Score and Year): English, C1 Advanced, 2021
Area of Expertise: bioinformatics
Biomedical Engineering

Degree	Department/Program	University	Year
Doctorate	BIOENGINEERING	Marmara University	Continues
Master's Degree	BIOENGINEERING	Marmara University	2025
Bachelor's Degree	BIOMEDICAL ENGINEERING DEPARTMENT	Beykent University	2021

Master's Thesis Title (abstract attached) and Thesis Supervisor(s):

Biological Network Modeling of Pediatric Retinoblastoma for Early Diagnosis and Drug Repurposing

Position Title	Workplace	Year
Research Assistant	Biruni University	2021-Continues

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. Köseoğlu A. E., Özgül F., Işıksal E. N., Şeflekçi Y., Tülümen D., Özgültekin B., Deniz Köseoğlu G., Özyiğit S., Ihlamur M., Ekenoğlu Merdan Y., "In silico discovery of diagnostic/vaccine candidate antigenic epitopes and a multi-epitope peptide vaccine (NaeVac) design for the brain-eating amoeba Naegleria fowleri causing human meningitis", *Gene*, vol. 902, 2024.

B. Papers presented at international scientific meetings and published in proceedings:

B1. Özyiğit S., Turanlı B., Mapping Regulatory Networks and Discovering Drug Candidates in Pediatric Retinoblastoma, In: *6th Eurasia Biochemical Approaches & Technologies (EBAT)*, Tokat, Turkey, 2025, pp. 93.

C. National/international books written or chapters in books:

C2. Chapters in national/international books written:

C2.1. Özyiğit S., Arga K. Y., Turanlı B., "FROM INTERACTIONS TO INDICATIONS: A NETWORK-BASED PERSPECTIVE ON DRUG REPOSITIONING", *International Research and Evaluations in the Field of Bioengineering*, Gece Kitaplığı, 2025.

E. Papers presented at national scientific meetings and published in proceedings:

E1. Devrim H. E., Köktürk R., Yıldız Y. S., Özyiğit S., Turanlı B., Pediatrik Osteosarkom ve Retinoblastom için Transkriptomik Analiz ve İlaç Yeniden Konumlandırma Çalışması, In: *VIII. Ulusal Biyomühendislik Kongresi*, Manisa, Turkey, 2024.