Res. Asst. DENİZ GÖL

Personal Information

Email: Deniz.Gol@acibadem.edu.tr
Web: https://avesis.acibadem.edu.tr/Deniz.Gol

International Researcher IDs
ORCID: 0000-0002-0652-8530

Education Information

Postgraduate, Acibadem Mehmet Ali Aydinlar University, Graduate School Of Natural And Applied Sciences, Biyomalzeme, Turkey 2021 - 2024
Undergraduate, Istanbul Medipol University, Faculty Of Engıneerıng And Natural Scıences, Department Of Bıomedıcal Engıneerıng, Turkey 2015 - 2021

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Other, Virt2ue The Embassy of Good Science Certificate, Acibadem Mehmet Ali Aydinlar University, 2022

Dissertations

Postgraduate, Preparation and in vitro Evaluation of Targeted and Anti-Inflammatory Drug Loaded PLGA Nanoparticles, Acibadem Mehmet Ali Aydinlar University, Graduate School Of Natural And Applied Sciences, Biomaterials , 2024

Research Areas

Biomedical Engineering, Nanotechnology, Polymeric Materials, Biomaterials, Biomaterial, Polymers and Their Applications, Functional Polymers, Engineering and Technology

Academic Titles / Tasks

Research Assistant, Acibadem Mehmet Ali Aydinlar University, Faculty Of Engineering and Natural Sciences, Biomedical Engineering, 2022 - Continues

Courses

Characterization of Biomaterials (Laboratory), Undergraduate, 2023 - 2024, 2022 - 2023

Physics 2 (Laboratory), Undergraduate, 2023 - 2024, 2022 - 2023
Physics 1 (Laboratory), Undergraduate, 2024 - 2025, 2022 - 2023
Biomaterials (Laboratory), Undergraduate, 2024 - 2025, 2023 - 2024, 2022 - 2023
General Chemistry Laboratory, Undergraduate, 2023 - 2024
General Chemistry Laboratory, Undergraduate, 2023 - 2024

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Development of mitochondria-targeted and quercetin-loaded PLGA nanoparticles for reducing ROS production†**
Göl D., Gok O.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.104, pp.106577, 2025 (SCI-Expanded)

II. **Bioconjugated β-Cyclodextrin-Perfluorohexane Nanocone Clusters as Functional Nanoparticles for Nanoparticle-Mediated Histotripsy**
Toydemir C., Hall S., Demirel E., Elmaci D. N., GÖL D., Vlaisavljevich E., YÜKSEL DURMAZ Y.
BIOMACROMOLECULES, vol.23, no.12, pp.5297-5311, 2022 (SCI-Expanded)

Supported Projects

Project Supported by Other Private Institutions, Garcinoik Asit Yüklenmiş Makrofaj Hedefi Nanopartiküllerin Hazırlanması ve Primer Makrofaj Hücrelerinde Etkinliğinin İncelenmesi, 2022 - 2023
Sözen A. E., Açıkel Elmas M., Gök Ö., Gören M. Z., Galli F., TUBITAK Project, Preparation of macrophage targeted long chain vitamin E metabolite α-13′-COOH loaded nanoparticles and their assessment in in vitro and in vivo experimental models, 2021 - 2023

Congress and Symposium Activities

IX. Polymer Science and Technology Congress with International Participation, Attendee, Ankara, Turkey, 2024
8th International FAPS Polymer Congress 2023, Attendee, İstanbul, Turkey, 2023

Scholarships

TÜBİTAK 2210-A Yurt İçi Genel Yüksek Lisans Burs Programı, TUBITAK, 2021 - 2023