CURRICULUM VITAE AND PUBLICATIONS LIST

CURRICULUM VITAE

Name and Surname: Tuğba Gül İnci

Academic Title: Assistant Professor

Work Address:

Email: tinci@biruni.edu.tr

Area of Expertise:
Engineering and Technology
Health Sciences
Natural Sciences

Degree	Department/Program	University	Year
Doctorate	Biyomühendislik	Yildiz Technical University	2024
Master's Degree	Biyomühendislik	Yildiz Technical University	2017

PUBLICATIONS

A. Articles published in international peer-reviewed journals:

A1. İnci T. G., Ugurel O. M., Akgul B., Hacıoglu N., Avsar Koc S., Köçkar F., Abamor E. Ş., Acar S., Balık D., "Evaluation of targeting sulfasalazine-related genes via drug repurposing for nonsmall-cell lung cancer treatment", *Turkish Journal of Biology*, vol. 55, no. 6, 2026.

A2. Polat L. A., Mutlu S. N., Guven H., İnci T. G., Durmuş Z., "Magnetic Molecularly Imprinted Polymers for Selective Monitoring and Remediation of Bisphenol Endocrine Disruptors: A Critical Review of Design Strategies, Environmental Performance, and Translation Challenges", *Journal of Polymers and the Environment*, vol. 1, 2026.

A3. İnci T. G., Ugurel E., Orlenco M., Akar S., Atlı R., Danis O., Turgut-balik D., "Cloning, Expression, Purification and Biological Activity Analysis of Recombinant Helicobacter pylori FabI as a Drug Target", *Molecular Biotechnology*, vol. 68, no. 2, pp. 846-853, 2026.

A4. İnci T. G., Acar S., Turgut-balik D., "Nonsmall-cell lung cancer treatment: current status of drug repurposing and nanoparticle-based drug delivery systems", *Turkish Journal of Biology*, vol. 48, no. 2, 2024.

A5. Dinparvar S., Abamor E. Ş., Öztav S., İnci T. G., Ihlamur M., Baghırova M., Balık D., Allahverdıyev A., "Evaluation of in vitro immunostimulatory and cytotoxic effects of recombinant survivin protein in combination with doxorubicin and breast cancer antigen-loaded polycaprolactone nanoparticles", *Nano Futures*, vol. 7, no. 3, 2023.

A6. Mutlu O., Ugurel O. M., Sariyer E., Ata O., İnci T. G., Ugurel E., Kocer S., Turgut-balik D., "Targeting SARS-CoV-2 Nsp12/Nsp8 interaction interface with approved and investigational drugs: an in silico structure-based approach", *Journal of Biomolecular Structure and Dynamics*, vol. 40, no. 2, pp. 918-930, 2022.

A7. Ugurel O. M., Mutlu O., Sariyer E., Kocer S., Ugurel E., İnci T. G., Ata O., Turgut-balik D., "Evaluation of the potency of FDA-approved drugs on wild type and mutant SARS-CoV-2 helicase (Nsp13)", *International Journal of Biological Macromolecules*, vol. 163, pp. 1687-1696, 2020.

D. Articles published in national peer-reviewed journals:

D1. Ugurel E., Kocer S., Sariyer E., Mutlu O., İnci T. G., Ugurel O. M., Turgut-balik D., "Heterologous expression, biochemical characterisation and computational analysis of Bacteroides fragilis enolase", *Computational Biology and Chemistry*, 2022.