

## Res. Asst. SİNEM ÖZDEMİR

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Karadeniz Technical University, Temel Tıp, Biyoistatistik ve Tıp Bilişimi, Turkey 2018 - Continues

Postgraduate, Karadeniz Technical University, Mühendislik Fakültesi, Bilgisayar Mühendisliği, Turkey 2015 - 2018

Undergraduate, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Matematik Mühendisliği, Turkey 2009 - 2014

### Certificates, Courses and Trainings

Health&Medicine, 2. Computer-Aided Drug Design Symposium and Workshop -Linking Design, Biruni Üniversitesi, 2022

### Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Tıp Fakültesi, Temel Tıp, 2020 - Continues

### Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Prediction of gestational diabetes using deep learning and Bayesian optimization and traditional machine learning techniques.**  
Kurt B., Gürlek B., Keskin S., Özdemir S., Karadeniz Ö., Kırkbir İ., Kurt T., Ünsal S., Kart C., Baki N., et al.  
Medical & biological engineering & computing, vol.61, no.7, pp.1649-1660, 2023 (SCI-Expanded)
- II. **A prospective study for gestational diabetes mellitus: Analysis of risk factors in Turkish women for early prediction**  
KURT B., Gurlek B., Keskin S., Kurt T., Kırkbir I. B., KART C., ÖZDEMİR S., Baki N., ÜNSAL S., TURHAN K.  
INTERNATIONAL JOURNAL OF GYNECOLOGY & OBSTETRICS, vol.161, no.2, pp.525-535, 2023 (SCI-Expanded)

### Refereed Congress / Symposium Publications in Proceedings

- I. **A Study on Immunoreceptor Tyrosine-Based Motifs**  
Turhan K., Özdemir S., Zihni N. B., Kalaycı M. E., Ünsal S.  
14. Tıp Bilişimi Kongresi, İzmir, Turkey, 16 - 18 March 2023, pp.124-127
- II. **Machine Learning-Based New Gene Discovery and Drug Repositioning Platform for Improving Immunotherapy Efficacy in Cancer**  
Turhan K., Ünsal S., Cüvitoğlu A., Özdemir S., Ünsal Ü., Kasap B., Karaca C., Acar A. C., Doğan T., Timuçin E., et al.

DUYURUINTERNATIONAL MOLECULAR IMMUNOLOGY & IMMUNOGENETICS CONGRESS V , İzmir, Turkey, 20  
October 2022 - 22 March 2023, pp.48

**III. A Protein Representation Model for Low-Data**

Ünsal S., Özdemir S., Özdiñç I., Bayraklı A., Albayrak M., Turhan K., Dođan T., Acar A. C.

15th International Symposium on Health Informatics and Bioinformatics, Mersin, Turkey, 20 - 21 October 2022,  
pp.105-106

**IV. PDEs-Based Gaussian Noise Removal from Color Images**

ÖZDEMİR S., DİZDAROĞLU B.

9th International Conference on Electrical and Electronics Engineering (ELECO), Bursa, Turkey, 26 - 28 November  
2015, pp.246-250

## Supported Projects

KURT B., NUHOĞLU İ., GÜRLEK B., KART C., TURHAN K., BAKİ N., KESKİN S., TUBITAK Project, GESTASYONEL DİYABET  
TANISINDA KLİNİK KARAR DESTEK MODELİ, Continues

Kurt B., Turhan K., TUBITAK Project, Kanserde İmmünoterapi Etkinliğini Artırmak İçin Makine Öğrenmesine Dayalı Gen  
Keşfi ve İlaç Yeniden Konumlandırma Platformunun Geliştirilmesi, 2020 - 2023

## Metrics

Publication: 6

Citation (WoS): 1

Citation (Scopus): 2

H-Index (WoS): 1

H-Index (Scopus): 1