

## Lect. PhD ASLI ŞAN DAĞLI GÜL

### Personal Information

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### Education Information

Expertise In Medicine, Hacettepe University, Tıp Fakültesi, Fiziyojji Ad, Turkey 2005 - 2010

### Foreign Languages

English, B1 Intermediate

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Human Physiology

### Academic Titles / Tasks

Expert, Balikesir University, School Of Medicine, Department Of Basic Medical Sciences, 2010 - 2012

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

- I. **Evaluation of the Effect of Allium Tuncelianum (Tunceli Mountain Garlic) Plant Extract on Behavioral, Antioxidant and Metabolomic Parameters in Rats**  
ABBAK N., NEMUTLU E., REÇBER T., DAĞLI GÜL A. Ş., AKKOYUN H. T., AKKOYUN M. B., Yılmaz G., Ekin S., Bakir A., ARIHAN O.  
ACTA PHYSIOLOGICA, 2025 (SCI-Expanded)
- II. **Effects of Subacute Carvacrol Administration on Behavioral and Oxidative Stress Parameters During NaF Exposure**  
ABBAK N., DAĞLI GÜL A. Ş., Gormus M., Akkoyun H. T., AKKOYUN M. B., ARIHAN O.  
FLUORIDE, vol.57, no.4, 2024 (SCI-Expanded)
- III. **Silibinin as a promising treatment for diabetes: Insights into behavioral and metabolic changes in an animal model**  
DAĞLI GÜL A. Ş., Boyuk Ozcan G., ARIHAN O.  
Food Science and Nutrition, 2024 (SCI-Expanded)
- IV. **TRIZ Problem-Solving Theory-Based Approach to the Filtration Algorithm in Nephrons**  
DAĞLI GÜL A. Ş.  
ACTA PHYSIOLOGICA, pp.89-90, 2023 (SCI-Expanded)
- V. **Virtual Reality: A Review on Its Widespread Use and Contributions in Education**  
DAĞLI GÜL A. Ş.

- ACTA PHYSIOLOGICA, pp.89, 2023 (SCI-Expanded)
- VI. **Effect of Carvacrol on Biochemical and Behavioral Parameters in Acute Floride Administration**  
ABBAK N., DAĞLI GÜL A. Ş., Gormus M., AKKOYUN H. T., AKKOYUN M. B., ARIHAN O.  
ACTA PHYSIOLOGICA, pp.68, 2023 (SCI-Expanded)
- VII. **The Hyperglycemia-Reducing Effect of Silibinin in Streptozotocin-Induced Rat Diabetes Model: A Preliminary Study**  
DAĞLI GÜL A. Ş., ARIHAN O., Boyuk G.  
ACTA PHYSIOLOGICA, vol.234, pp.73, 2022 (SCI-Expanded)
- VIII. **Acute Anxiolytic Effect of Salvia Heldreichiana Essential Oil in Rats**  
Dastan A. O., ARIHAN O., DAĞLI GÜL A. Ş., Yilmaz G., ERDEM A.  
ACTA PHYSIOLOGICA, vol.234, pp.81, 2022 (SCI-Expanded)
- IX. **Robotic Modeling of Direct and Indirect Light Reflex by Arduino Uno**  
DAĞLI GÜL A. Ş.  
ACTA PHYSIOLOGICA, vol.227, pp.126, 2019 (SCI-Expanded)
- X. **The Effect of Carvacrol on Viability/Apoptosis Rate of Isolated Langerhans Islets In Vitro**  
DAĞLI GÜL A. Ş., ER PİŞKİN R., Boyuk G., Fadillioğlu E.  
ACTA PHYSIOLOGICA, vol.221, pp.110, 2017 (SCI-Expanded)
- XI. **The effects of oral carvacrol treatment against H2O2 induced injury on isolated pancreas islet cells of rats**  
Gul A. Ş., Fadillioğlu E., KARABULUT İ., Yeşilyurt A., Delibaşı T.  
ISLETS, vol.5, no.4, pp.149-155, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Example of digital exhibition in anthropology and medical education**  
DAĞLI GÜL A. Ş., Karaöz Arihan S., ARIHAN O.  
Journal of Visual Communication in Medicine, vol.46, no.3, pp.147-159, 2023 (ESCI)
- II. **Anticonvulsive effects of tributyltin in pentylentetrazole induced epileptic seizures**  
DAĞLI GÜL A. Ş., ARIHAN O., TUNCER M., ER PİŞKİN R., FADILLIOĞLU E.  
International Journal of Experimental and Clinical Anatomy, vol.9, 2015 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Pentilentetrazolle İndüklenen Epileptik Nöbetlerde Tribüttiltinin Anti Konvülsif Etkisi**  
DAĞLI GÜL A. Ş., ARIHAN O., TUNCER M., ER PİŞKİN R., FADILLIOĞLU E.  
13. Ulusal Sinirbilim Kongresi, Turkey, 30 April - 03 May 2015

## Supported Projects

ARIHAN O., DAĞLI GÜL A. Ş., ERDEM A., Özgür S. F., Daştan A. O., AKKOYUN H. T., BAYRAMOĞLU AKKOYUN M., UYAR A., KUTLU T., Project Supported by Higher Education Institutions, AKRİLAMİT MARUZİYETİNDE DİYABETİK SIÇANLARA ARALIKLI AÇLIĞIN BİYOKİMYASAL HİSTOPATOLOJİK VE DAVRANIŞ PARAMETRELERİNE KORUYUCU ETKİSİ, 2021 - 2023

DAĞLI GÜL A. Ş., ARIHAN O., BÖYÜK G., Project Supported by Higher Education Institutions, Silibininin Streptozotosinle Oluşturulmuş Sıçan Diyabet Modelinde Langerhans Adacıkları Ve Bilişsel Fonksiyonlar Üzerine Etkileri, 2020 - 2023

DAĞLI GÜL A. Ş., ARIHAN O., KARİMİ N., Project Supported by Higher Education Institutions, Streptozotosinle diyabet oluşturulmuş sıçanların kan glukoz seviyelerine Salvia aytachiinin Ay Şalbası Adacıyı etkisinin incelenmesi, 2021 - 2022

DAĞLI GÜL A. Ş., ER PİŞKİN R., BÖYÜK G., FADILLIOĞLU E., Project Supported by Higher Education Institutions,

Karvakrolün invitro ortamda izole Langerhans adacıklarının canlılık/apoptoz oranına etkisi, 2015 - 2017  
DAĞLI GÜL A. Ş., Project Supported by Higher Education Institutions, 2013 yılında yayınlanan bilimsel araştırma makalesinin değerlendirilmesi., 2015 - 2016

## **Metrics**

Publication: 14  
Citation (WoS): 19  
Citation (Scopus): 22  
H-Index (WoS): 1  
H-Index (Scopus): 1

## **Non Academic Experience**

balıkesir üniversitesi tıp fakültesi, uzman dr.