

## Res. Asst. PhD SEVİL KÖR

### Personal Information

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Address: KARADENİZ TEKNİK ÜNİVERSİTESİ TIP FAKÜLTESİ TEMEL TIP BİLİMLERİ TIBBİ BİYOKİMYA ANABİLİM DALI  
KANUNİ KAMPÜS TRABZON

### Education Information

Doctorate, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Turkey 2014 - 2021

Postgraduate, Karadeniz Technical University, -, Tıbbi Biyokimya, Turkey 2012 - 2014

Undergraduate Double Major, Ataturk University, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2007 - 2011

Undergraduate, Ataturk University, Fen Fakültesi, Kimya, Turkey 2005 - 2009

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Investigation of the Effects of L-Theanine on Pancreas and Liver Tissue Damages in Diabetic Rats, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, 2021

Postgraduate, POSTPRANDİYAL LİPEMİ İLE ERİTROSİT MEMBRAN KOLESTEROL DÜZEYİ ARASINDAKİ İLİŞKİNİN İNCELENMESİ, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyokimya Anabilim Dalı, 2014

### Research Areas

Life Sciences, Biochemistry, Natural Sciences

### Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Tıp Fakültesi, Temel Tıp Bilimleri, 2018 - Continues

Research Assistant, Karadeniz Technical University, Sağlık Bilimleri Enstitüsü, Temel Tıp Bilimleri, 2011 - 2018

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

1. How does L-theanine treatment affect the levels of serum and hippocampal BDNF, insulin and adipocytokines in diabetic rats?

Hajizadeh Tekmeh H., Vanizor Kural B., Kör S., Arıkan Malkoç M., Yuluğ E., Kutlu A., Abidin İ., Örem A.

BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS, vol.667, pp.95-103, 2023 (SCI-Expanded)

- II. **Caution may be required in using L-theanine in diabetes mellitus: A study on the rats**  
Vanizor Kural B., Azi Mohamed S., K r S., Arıkan Malkoç M., Yuluđ E., Hajizadeh Tekmeh H.,  rem A.  
Biochemical and Biophysical Research Communications, vol.666, pp.170-178, 2023 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Investigation of Some Pesticides' Effects on Activities of Glutathione Reductase and Glutathione S-Transferase Purified from Turkey Liver under in Vitro Conditions**  
G LLER P., AKKEMİK E., K R S.,  İFTCİ M.  
Journal of the Institute of Science and Technology, vol.8, no.3, pp.211-217, 2018 (Peer-Reviewed Journal)
- II. **Lipin Protein Ailesi**  
KURAL B., K R S.  
G m şhane University Journal Of Health Sciences, 2018 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **AFAMİN**  
K R S., KURAL B.  
in: TEMEL TIP BİLİMLERİNDE GÜNCEL  ALIŐMALAR 4, NAĐIYEV Tođrul;  ÇKAYABAŐ IAli, Editor, İksad Yayınevi, Ankara, pp.26-45, 2023
- II. **MOTS-C**  
K R S., KURAL B.  
in: SAĐLIK ALANINDA ULUSLARARASI ARAŐTIRMA VE DEĐERLENDİRMELER, AKG L HASAN; SELAMOĐLU ZELİHA, Editor, Ser ven Yayınevi, Ankara, pp.17-32, 2023
- III. **İSTMİNLER**  
KURAL B., K R S.  
in: TEMEL TIP BİLİMLERİNDE GÜNCEL  ALIŐMALAR 4, NAĐIYEV Tođrul;  ÇKAYABAŐ IAli, Editor, İksad Yayınevi, Ankara, pp.8-24, 2023

## Refereed Congress / Symposium Publications in Proceedings

- I. **Investigation of the Effects of Some Metals on Glutathione Reductase Activity Purified of from Rainbow Trout (Oncorhynchus Mykiss) Erythrocytes**  
AKKEMİK E., K R S.,  İFTCİ M.  
THE 1ST INTERNATIONAL KARATEKİN SCIENCE AND TECHNOLOGY CONFERENCE, Turkey, 1 - 03 September 2022
- II. **ERYTHROCYTE MEMBRANE CHOLESTEROL CONTENT AND POSTPRANDIAL LIPEMIA IN SUBJECTS WITH METABOLIC SYNDROME**  
MAZLUM ŐEN T., KURAL B.,  REM A.,  REM C.,  ZER YAMAN S., K R S.  
VI. International Congress of Molecular Medicine, 22 - 25 May 2017, vol.2
- III. **The effects of gallic acid on the acute necrotizing pancreatitis in rats**  
KURAL B., US ALTAY D., KAHRAMAN C., ALHAN E., MAZLUM ŐEN T., ER İN C., K Ç K KENT N., KARA H., K R S.,  REM A.  
41st FEBS congress, 3 - 08 September 2016
- IV. **Effect of instant black tea on gene expression of paraoxonase 1 in hepatocyte HepG2 cell lines**  
HAJİZADEH TEKMEH H., KURAL B., DEMİR S., US ALTAY D.,  ZER YAMAN S., K R S.,  REM A., ALAŐALVAR C., TURAN İ.  
2nd International and 14th Iranian Nutrition Congress, Tahran, Iran, 4 - 07 September 2016, pp.83
- V. **Effect of instant black tea on gene expression of paraoxonase-1 in hepatocyte (HepG2) cell lines**

Tekmeç H. H., KURAL B., DEMİR S., Us Altay D., ÖZER YAMAN S., KÖR S., ÖREM A., Alaşalvar C., Turan İ.  
2nd International and 14th Iranian Nutrition Congress, Tahran, Iran, 4 - 07 September 2016, pp.22

**VI. The effects of gallic acid on the acute necrotizing pancreatitis in rats**

KURAL B., ALTAY D. U., Kahraman C., Alhan E., SEN T. M., Ercin C., Kent N. K., KARA H., KÖR S., ÖREM A.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016,  
vol.283, pp.393

**VII. Investigation of relationship between postprandial lipemia and erythrocyte membrane cholesterol level**

KÖR S., ÖREM A., Altinkaynak B. A., KURAL B., Yucesan F., SEN T. M., Yaman S. O., ÖREM C.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016,  
vol.283, pp.173

## Supported Projects

KURAL B., ÖREM A., ARIKAN MALKOÇ M., AMER E. A., KÖR S., Project Supported by Higher Education Institutions, Doksorubisin Uygulanan Sıçanlarda Glukoz ve Lipid Metabolizmasına L-Teaninin Etkisinin Araştırılması, 2024 - Continues  
YENİLMEZ E., KURAL B., KULABER A., KÖR S., IŞIK S., Project Supported by Higher Education Institutions, SIÇANLARDA YÜKSEK DOZ GRAFEN OKSİTLE İNDÜKLENEN OLASI TESTİS HASARINA KARŞI E VİTAMİNİ ETKİSİNİN İNCELENMESİ, 2023 - Continues

KURAL B., ÖREM A., ABİDİN İ., ABİDİN S., YULUĞ E., MALKOÇ M., KÖR S., DURMUŞ T. B., Project Supported by Higher Education Institutions, L-Teaninin Sıçanlarda Doksorubisin Kaynaklı Nörotoksitede ER Stresi ve NLRP3 İnflamazomuna Karşı Etkilerinin İncelenmesi, 2022 - Continues

KURAL B., AZI MOHAMED S., KÖR S., MALKOÇ M., ABİDİN İ., YULUĞ E., ÖREM A., Project Supported by Higher Education Institutions, L-Theaninin Diyabetik Sıçanlarda Böbrek Dokusu Üzerine Etkilerinin İncelenmesi, 2021 - 2023

KURAL B., HAJIZADEH TEKMEH H., KÖR S., ÖREM A., YULUĞ E., MALKOÇ M., Project Supported by Higher Education Institutions, L-Theaninin Diyabetik Sıçanlarda Hipokampus Dokusu ve Serum BDNF ve Adipositokin Seviyelerine Etkisinin İncelenmesi, 2019 - 2021

BULUT EYÜBOĞLU G., YEŞİLYURT C., KURAL B., KÖR S., Project Supported by Higher Education Institutions, Dentin Hassasiyeti Tedavisinde Kullanılan Farklı Hassasiyet Giderici Ajanların Klinik Etkinliğinin ve Periodontal Dokulara Etkisinin Karşılaştırılması, 2016 - 2019

BULUT EYÜBOĞLU G., YEŞİLYURT C., KURAL B., KÖR S., Project Supported by Higher Education Institutions, Dentin Hassasiyet Giderici Ajanların Klinik Etkinliğinin ve Periodontal Dokulara Etkisinin Araştırılması, 2016 - 2019

Kör S., Kural B., Örem C., Özer Yaman S., Mazlum Şen T., Örem A., Project Supported by Higher Education Institutions, Metabolik Sendromlu Bireylerde Postprandial Lipemi İle Eritrosit Membran Kolesterol İçeriği İlişkisinin İncelenmesi, 2015 - 2017

TUBITAK Project, Gökkuşuğu Alabalık (*Oncorhynchus Mykiss*) eritrositlerinden glutatyon redüktaz enziminin saflaştırılması ve bazı metallerin enzim aktivitesi üzerine etkilerinin incelenmesi, 2011 - 2012

## Metrics

Publication: 14

Citation (WoS): 1

Citation (Scopus): 1

H-Index (WoS): 1

H-Index (Scopus): 1