

Res. Asst. EZGİ KAR

Personal Information

Email: ezgikar@comu.edu.tr

Education Information

Doctorate, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyokimya, Turkey 2018 - Continues
Post Graduate, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyokimya, Turkey 2015 - 2018
Under Graduate, Ege University, Fen Fakültesi, Biyokimya, Turkey 2008 - 2012

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, Deney Hayvanları Araştırmacılığı, ESOGÜ HADYEK, 2016

Dissertations

Post Graduate, RATLARDA LİPOLİSAKKARİT(LPS) İLE İNDÜKLENEN İNFLAMASYONUN KONTROLÜNDE, METFORMİN VE FİBROBLAST GROWTH FAKTÖR 21 (FGF21)'İN ETKİSİNİN İNCELENMESİ, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyokimya, 2018

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry

Academic Titles / Tasks

Research Assistant, Canakkale Onsekiz Mart University, Tıp Fakültesi, Tıbbi Biyokimya, 2015 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- Effects of metformin on lipopolysaccharide induced inflammation by activating fibroblast growth factor 21**
Kar E., Alataş İ. Ö. , Şahintürk V., Öz S.
Biotechnic & Histochemistry, vol.2021, pp.1-10, 2021 (Journal Indexed in SCI)
- Evaluation of Total Antioxidant Capacity and Total Oxidant Status of Preterm and Term Breast Milk during the Course of Lactation and within a Nursing Session**
Aydemir Ö., Deniz A., Çakıl Sağlık A., Sekili Z., Kiraz Z. K. , Kar E., Tekin A. N.

American Journal Of Perinatology, vol.38, no.3, pp.258-264, 2021 (Journal Indexed in SCI)

III. **Effects of Curcumin and Boric Acid Against Neurodegenerative Damage Induced by Amyloid Beta (1-42)**

Hacıoğlu C., KAR F., Kar E., KARA Y., KANBAK G.

BIOLOGICAL TRACE ELEMENT RESEARCH, 2020 (Journal Indexed in SCI)

IV. **Comparison of measured and calculated osmolality levels**

Kar E., Kocaturk E., Kusku Kiraz Z., Demiryurek B., Alatas I. O.

CLINICAL AND EXPERIMENTAL NEPHROLOGY, vol.24, pp.444-449, 2020 (Journal Indexed in SCI)

Articles Published in Other Journals

I. **Insulin resistance and pancreatic β cell dysfunction are associated with thyroid hormone functions: A cross-sectional hospital-based study in Turkey**

Kocatürk E., Kar E., Küskü Kiraz Z., Alataş İ. Ö.

Diabetes Metabolic Syndrome: Clinical Research Reviews, vol.14, no.6, pp.2147-2151, 2020 (Refereed Journals of Other Institutions)

II. **Effects of conivaptan and mannitol on serum cytokine levels (TNF- α , IL-15 and IL-35) following bilateral carotid artery occlusion**

CAN B., ÖZ S., MUSMUL A., ERKMEN T., KAR E., ERDAŞ M., ALATAŞ İ. Ö.

Eurasian Journal of Biological and Chemical Sciences, pp.22-28, 2018 (Refereed Journals of Other Institutions)

III. **Early Treatment with Metformin Decreases Pancreatic Damage in Rats with LPS Induced Sepsis**

KAR E., ALATAŞ İ. Ö., ŞAHİNTÜRK V., ÖZ S.

Turkish Journal of Life Science, pp.194-199, 2018 (Refereed Journals of Other Institutions)

Refereed Congress / Symposium Publications in Proceedings

I. **EFFECTS OF BORIC ACID ON HEART TISSUE DAMAGE CAUSED BY RENAL ISCHEMIA/REPERFUSION**

KAR F., KARA Y., HACIOĞLU C., KAR E., KANBAK G., ŞENTÜRK H.

TBS International Biochemistry Congress 2018 - 29th National Biochemistry Congress, 26 - 30 October 2018

II. **NEUROPROTECTIVE EFFECTS OF BORIC ACID ON BRAIN AGAINST RENAL ISCHEMIA/REPERFUSION INJURY**

HACIOĞLU C., KAR F., KAR E., KARA Y., ŞENTÜRK H., KANBAK G.

TBD ULUSLARARASI BİYOKİMYA KONGRESİ 2018. ULUSAL BİYOKİMYA KONGRESİ, 26 - 30 October 2018

III. **RENAL ISCHEMIA-REPERFUSION EFFECT ON SPLEEN AS REMOTE TISSUE DAMAGE AND ROLE OF BORIC ACID**

KAR F., HACIOĞLU C., KAR E., KARA Y., ŞENTÜRK H., KANBAK G.

TBD ULUSLARARASI BİYOKİMYA KONGRESİ 2018. ULUSAL BİYOKİMYA KONGRESİ, 26 - 30 October 2018

IV. **Acute antidiabetic activities of aqueous extract of Cistus laurifolius via Metformin on streptozotocin-induced diabetic rats**

YÜCEL E., KAR F., HACIOĞLU C., KAR E., KARA Y., ŞENTÜRK H., KANBAK G.

2nd international plant science and technology congress, 7 - 10 October 2018

V. **The Validity of Serum Osmolality Determinations: Comparison of Measured and Calculated Osmolality Levels**

KAR E., KOCATÜRK E., KÜSKÜ KIRAZ Z., DEMİRYÜREK B., ALATAŞ İ. Ö.

5th EFLM-UEMS European Joint Congress in Laboratory Medicine- Laboratory Medicine at the Clinical Interface, 10 - 13 October 2018

VI. **The Effects of Metformin on LPS-Induced Kidney Damage in Rats**

YAVER E., ALATAŞ İ. Ö., ŞAHİNTÜRK V., ÖZ S.

IV. International Congress for Applied Biological Sciences, 3 - 05 May 2018

- VII. **Influence of Metformin on Pancreatic Tissue in Sepsis Model Induced by Lipopolysaccharide in Rats**
YAVER E., ALATAŞ İ. Ö. , ŞAHİNTÜRK V., ÖZ S.
1st International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2018), 26 - 27 April 2018
- VIII. **Levels of serum cytokines (TNF- α , IL-15 and IL-35) after treatments with conivaptan and mannitol following bilateral common carotid artery occlusion**
CAN B., ÖZ S., MUSMUL A., ERKMEN T., KAR E., ERDAŞ M., ALATAŞ İ. Ö.
International Eurasian Conference on Biological and Chemical Sciences(EurasianBioChem 2018), Ankara, Turkey, 26 - 27 April 2018
- IX. **Sıçanlarda L-Asparaginaz ile oluşturulan karaciğer ve pankreas hasarı üzerine N-Asetilsisteinin'in etkisi**
ÖZDEMİR Z. C. , YURTTAŞ G., KAR E., TANRIKURT C., KÜSKÜ KIRAZ Z., BÖR Ö.
43. Ulusal Hematoloji Kongresi, Turkey, 1 - 04 November 2017
- X. **Investigation of the effect of L-NAME (N-Nitro L-Arginine Methyl Ester) and Vitamin E (α -tocopherol) on oxidative damage of liver tissue resulting from cigarette smoke exposure in male rats**
KARA Y., ERKMEN T., BURUKOĞLU DÖNMEZ D., ÖZ S., HACIOĞLU C., YAVER E., KAR F., Erdaş M., AKYÜZ F.
International Biochemistry Congress - 28th National Biochemistry Congress, 19 - 23 September 2017
- XI. **Investigation of The Influence of Metformin and Fibroblast Growth Factor 21(FGF21) In The Control of Inflammation Induced By Lipopolysaccharide (LPS) In Rats**
YAVER E., ALATAŞ İ. Ö. , ŞAHİNTÜRK V., ÖZ S.
International Biochemistry Congress - 28th National Biochemistry Congress, 19 - 23 September 2017
- XII. **Examination of the effects of L-NAME (N-Nitro L-Arginine Methyl Ester) and Vitamin E (α -tocopherol) on some blood parameters changing after cigarette smoke exposure in male rats**
KAR F., KARA Y., ÖZ S., BURUKOĞLU DÖNMEZ D., ERKMEN T., HACIOĞLU C., YAVER E., AKYÜZ F.
International Biochemistry Congress - 28th National Biochemistry Congress, 19 - 23 September 2017
- XIII. **Examination of the protective effect of L-NAME(N-Nitro L-Arginine Methyl Ester) and vitamin E (α -tocopherol) against oxidative stress caused by exposure of cigarette smoke to lungs in male rats**
HACIOĞLU C., ERKMEN T., KARA Y., BURUKOĞLU DÖNMEZ D., ÖZ S., YAVER E., KAR F., AKYÜZ F.
International Biochemistry Congress - 28th National Biochemistry Congress, 19 - 23 September 2017

Supported Projects

Kiraz Z. K. , Uslu S., Kebapçı M. N. , Kocatürk E., Kar F., Kar E., Project Supported by Higher Education Institutions, Oral Glikoz Tolerans Testi Sonrasında Meydana Gelen Değişikliklerin Oksidatif Stres ve Biyokimyasal Parametreler Üzerinden İncelenmesi, 2019 - 2020

Şehitoğlu H., Ülker Çakır D., Öztopuz R. Ö. , Ovalı M. A. , Kar E., Türkön H., Uysal S., Project Supported by Higher Education Institutions, Septik Sıçanlarda timol tedavisinin böbrek ve akciğer dokuları üzerindeki etkisinin genetik ve biyokimyasal açıdan incelenmesi, 2017 - 2017

Alataş İ. Ö. , Kar E., Project Supported by Higher Education Institutions, Ratlarda Lipopolisakkarit(LPS) ile indüklenen inflamasyonun kontrolünde, Metformin ve Fibroblast Growth Faktör 21 (FGF21)'xxin etkisinin incelenmesi, 2016 - 2017

Scientific Refereeing

Annals of Clinical and Analytical Medicine, Journal Indexed in ESCI, April 2021

DIABETES METABOLIC SYNDROME AND OBESITY-TARGETS AND THERAPY, Journal Indexed in SCI-E, April 2021

BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, SCI Journal, March 2021

HUMAN & EXPERIMENTAL TOXICOLOGY, SCI Journal, December 2020

HUMAN & EXPERIMENTAL TOXICOLOGY, SCI Journal, August 2020

HUMAN & EXPERIMENTAL TOXICOLOGY, SCI Journal, June 2020
JOURNAL OF CLUSTER SCIENCE, SCI Journal, March 2020
Medical Science and Discovery, Other Indexed Journal, July 2018
Journal of Applied Biological Sciences, Other Indexed Journal, June 2018
Medical Science and Discovery, Other Indexed Journal, May 2018
Journal of Applied Biological Sciences, Other Indexed Journal, May 2018

Tasks In Event Organizations

Kar E., ALZHEIMER HASTALIĞININ MOLEKÜLER TEMELİ VE YENİ TEDAVİ STRATEJİLERİ SEMPOZYUMU, Scientific Congress, Eskişehir, Turkey, Mayıs 2016

Awards

Kar E., Yayın teşvik ödülü, Tübitak Türkiye Adresli Uluslararası Bilimsel Yayınları Teşvik (Ubyt) Programı, December 2020