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Personal Information

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International Researcher IDs

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ScopusID: 57214228253

Yoksis Researcher ID: 239760

Education Information

Doctorate, Eskisehir Osmangazi University, Tıp Fakültesi, Temel Tıp Bil. Bölümü, Turkey 2018 - 2023

Postgraduate, Eskisehir Osmangazi University, Tıp Fakültesi, Temel Tıp Bilimleri, Turkey 2015 - 2018

Undergraduate, Ege University, Faculty Of Science, Biyokimya Bölümü, Turkey 2008 - 2012

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, İyi Klinik Uygulamalar ve Temel Klinik Araştırmalar Kursu, Eskişehir Osmangazi Üniversitesi, 2018

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, Eskişehir Osmangazi Üniversitesi HADYEK, 2016

Dissertations

Doctorate, Yeni sentezlenmiş metiltiyazol türevi bileşiğin lipopolisakkarit (LPS) ile indüklenmiş nöroinflamasyon üzerindeki etkinliğinin in vivo araştırılması, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, 2023

Postgraduate, RATLARDA LİPOLİSAKKARİT(LPS) İLE İNDÜKLENEN İNFLAMASYONUN KONTROLÜNDE, METFORMİN VE FİBROBLAST GROWTH FAKTÖR 21 (FGF21)'İN ETKİSİNİN İNCELENMESİ, Eskisehir Osmangazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2018

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry

Academic Titles / Tasks

Assistant Professor, Kütahya Health Sciences University, Sağlık Bilimleri Fakültesi, Beslenme ve Diyetetik, 2023 -
Continues
Lecturer, Kütahya Health Sciences University, Rektörlük, 2022 - 2023
Research Assistant, Canakkale Onsekiz Mart University, Tıp Fakültesi, Temel Tıp Bilimleri, 2015 - 2022

Courses

Genel Kimya, Undergraduate, 2024 - 2025
Organik Kimya, Undergraduate, 2023 - 2024
Beslenme Biyokimyası II, Undergraduate, 2023 - 2024
Biyokimya, Undergraduate, 2024 - 2025
Biyokimya, Undergraduate, 2024 - 2025
Besin İlaç Etkileşimleri, Undergraduate, 2023 - 2024
Beslenme Biyokimyası I, Undergraduate, 2024 - 2025

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **4-Methylthiazole triggers apoptosis and mitochondrial disruption in HL-60 cells**
Meriç N., Kar E., Kar F.
MOLECULAR BIOLOGY REPORTS, vol.51, no.1, pp.997-1007, 2024 (SCI-Expanded)
- II. **Prophylactic and Therapeutic Efficacy of Boric Acid on Lipopolysaccharide-Induced Liver and Kidney Inflammation in Rats**
KAR E., KAR F., CAN B., Çakır Gündoğdu A., ÖZBAYER C., Koçak F. E., ŞENTÜRK H.
Biological Trace Element Research, vol.202, no.8, pp.3701-3713, 2024 (SCI-Expanded)
- III. **Injectable Boron Nitride-Hyaluronic Acid Hybrid Hydrogelsto Facilitate Joint Motion: Mechanical and TribologicalCharacterization**
Göncü Y., Ay G. M., Küçükbaş A., Kar F., Özbayer C., Kar E., Şentürk H.
Advanced Therapeutics, vol.7, no.7, pp.1-11, 2024 (SCI-Expanded)
- IV. **LoxBLOCK-1 or Curcumin Attenuates Liver, Pancreas and Cardiac Ferroptosis, Oxidative Stress, and Injury in Ischemia/Reperfusion-Damaged Rats by Facilitating ACSL/GPx4 Signaling**
Kar F., Yıldız F., Kar E., Hacıoğlu C., Burukoğlu Dönmez D., Şentürk H., Kanbak G.
TISSUE AND CELL, vol.82, no.102114, pp.1-10, 2023 (SCI-Expanded)
- V. **POSSIBLE PROPHYLACTIC OR THERAPEUTIC EFFECTS OF BORIC ACID ON SEPSIS INDUCED HEPATIC INJURY**
Kar E., Kar F., Can B., Güler G., Çakır Gündoğdu A., Özbayer C., Koçak F. E., Şentürk H.
TURKISH JOURNAL OF BIOCHEMISTRY, vol.47, no.1, pp.52, 2022 (SCI-Expanded)
- VI. **POTENT PROBIOTICS ATTENUATE NEUROINFLAMMATION THROUGH THE SEMAPHORIN PATHWAY AND FERROPTOSIS IN THE GUT-BRAIN AXIS**
Kar F., Hacıoğlu C., Kar E., Burukoğlu Dönmez D.
TURKISH JOURNAL OF BIOCHEMISTRY, vol.47, no.1, pp.57-58, 2022 (SCI-Expanded)
- VII. **BORIC ACID INDUCES OXIDATIVE STRESS AND APOPTOSIS IN U251 GLIOBLASTOMA CELL LINE THROUGH SEMA3A/PLEXIN A1/NEUROPILIN 1 SIGNAL PATH**
Kar E., Övenler Z., Kar F., Hacıoğlu C., Koçak F. E.
TURKISH JOURNAL OF BIOCHEMISTRY, vol.47, no.2, pp.65-66, 2022 (SCI-Expanded)
- VIII. **NEPHROGENIC AND NEUROPROTECTIVE EFFECT OF POTENT PROBIOTICS ON RAT NEUROINFLAMMATION MODEL AND NCM460 CELL INJURY: GUT-BRAIN-MICROBIOTA AXIS**
Kar F., Hacıoğlu C., Kar E., Koçak F. E., Kanbak G.
TURKISH JOURNAL OF BIOCHEMISTRY, vol.47, no.2, pp.86-87, 2022 (SCI-Expanded)
- IX. **Conivaptan and Boric Acid Treatments in Acute Kidney Injury: Is This Combination Effective and**

Safe?

Can B., Kar F., Kar E., Ozkoc M., Şentürk H., Burukoğlu Dönmez D., Kanbak G., Alataş İ. Ö.
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, no.8, pp.3723-3737, 2022 (SCI-Expanded)

- X. **Oxidative Status and Thiol/Disulfide Homeostasis Are Changed During 75 g Oral Glucose Tolerance Test over a Five-Hour Period**
Küskü Kiraz Z., Kar E., Kar F., Kocatürk E., Kebapçı M. N., Alataş İ. Ö., Uslu S.
JOURNAL OF INVESTIGATIVE SURGERY, vol.35, no.8, pp.1626-1634, 2022 (SCI-Expanded)
- XI. **Probiotics ameliorates LPS induced neuroinflammation injury on A β 1–42, APP, γ - β secretase and BDNF levels in maternal gut microbiota and fetal neurodevelopment processes**
Kar F., Hacıoğlu C., Kar E., Burukoğlu Dönmez D., Kanbak G.
METABOLIC BRAIN DISEASE, vol.37, no.5, pp.1387-1399, 2022 (SCI-Expanded)
- XII. **The effects of conivaptan and boric acid in post-ischemic renal function impairment**
Can B., Kar F., Kar E., Özkoç M., Şentürk H., Kanbak G., Alataş İ. Ö.
CLINICA CHIMICA ACTA, vol.530, no.1, pp.229-230, 2022 (SCI-Expanded)
- XIII. **The effects of conivaptan and boric acid on peripheral blood cells after renal ischemia in unilateral nephrectomized rats**
Can B., Kar F., Kar E., Özkoç M., Şentürk H., Kanbak G., Alataş İ. Ö.
CLINICA CHIMICA ACTA, vol.530, no.1, pp.172-173, 2022 (SCI-Expanded)
- XIV. **Effects of metformin on lipopolysaccharide induced inflammation by activating fibroblast growth factor 21**
KAR E., ALATAŞ İ. Ö., ŞAHİNTÜRK V., ÖZ S.
BIOTECHNIC & HISTOCHEMISTRY, vol.97, no.1, pp.44-52, 2022 (SCI-Expanded)
- XV. **The effects of N-acetylcysteine on experimentally created L-asparaginase-induced liver and pancreatic damage in rats**
Yurttaş G. N., Özdemir Z. C., Tanrıkuç C., Kar E., Kiraz Z. K., Alataş İ. Ö., Burukoğlu Dönmez D., Bör Ö.
LEUKEMIA & LYMPHOMA, vol.63, pp.1445-1454, 2022 (SCI-Expanded)
- XVI. **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, vol.199, no.10, pp.3793-3800, 2021 (SCI-Expanded)
- XVII. **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**
Deniz A., AYDEMİR Ö., Sağlık A. C., Sekili Z., KÜSKÜ KIRAZ Z., KAR E., Tekin N.
AMERICAN JOURNAL OF PERINATOLOGY, vol.38, no.03, pp.258-264, 2021 (SCI-Expanded)
- XVIII. **Comparison of measured and calculated osmolality levels**
Kar E., Kocatürk E., Küskü Kiraz Z., Demiryürek B., Alataş İ. Ö.
CLINICAL AND EXPERIMENTAL NEPHROLOGY, vol.24, no.5, pp.444-449, 2020 (SCI-Expanded)

Articles Published in Other Journals

- I. **Increased insulin secretion suppresses cortisol levels, exacerbates inflammation and beta-cell dysfunction Increased insulin resistance with cortisol levels and HOMA- beta**
KOCATÜRK E., KAR E., Kiraz Z. K., ALATAŞ İ. Ö.
ANNALS OF CLINICAL AND ANALYTICAL MEDICINE, vol.12, pp.365-369, 2021 (ESCI)
- II. **Insulin resistance and pancreatic beta cell dysfunction are associated with thyroid hormone functions: A cross-sectional hospital-based study in Turkey**
KOCATÜRK E., KAR E., Kiraz Z. K., ALATAŞ İ. Ö.
DIABETES & METABOLIC SYNDROME-CLINICAL RESEARCH & REVIEWS, vol.14, no.6, pp.2147-2151, 2020 (ESCI)
- III. **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 (Peer-Reviewed Journal)

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

Kar E., Alataş İ. Ö., Şahintürk V., Öz S.

Turkish Journal of Life Science, pp.194-199, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Gut–Brain Axis in Mental Diseases**

Kar E., Kar F.

in: Handbook of the Biology and Pathology of Mental Disorders, Patel Vinood B., Preedy Victor R., R. Martin Colin, Rajendram Rajkumar, Editor, Springer Cham, Aberdeen, pp.1-19, 2025

II. **Beyin Araştırmalarında Kullanılan İn Vitro Biyokimyasal Metotlar**

KAR E.

in: Beyin Biyokimyası, Kar Fatih, Hacıoğlu Ceyhan, Editor, Nobel Akademik Yayıncılık Eğitim Danışmanlık TİC. LTD. ŞTİ., pp.599-613, 2023

III. **Beynin İmmün Hücreleri**

KAR E.

in: Beyin Biyokimyası, Kar Fatih, Hacıoğlu Ceyhan, Editor, Nobel Akademik Yayıncılık Eğitim Danışmanlık TİC. LTD. ŞTİ., pp.291-303, 2023

IV. **Kanserde Biyokimyasal Biyobelirteçler**

KAR F., KAR E.

in: KANSER GENETİĞİ VE MOLEKÜLER BİYOLOJİSİ, , Editor, NOBEL AKADEMİK YAYINCILIK, pp.473-489, 2022

V. **Vitaminlerin Kanserdeki Rolü: Etki Mekanizmaları**

KAR E., KAR F.

in: Güncel Biyokimya Çalışmaları, Yücel Doğan, Editor, Akademisyen, pp.43-54, 2021

Refereed Congress / Symposium Publications in Proceedings

I. **EFFECTS OF BORIC ACID ON THE SEMA3A SIGNALING PATHWAY AND APOPTOSIS IN HUMAN COLORECTAL ADENOCARCINOMA CELLS**

KAR E., KAR F.

6TH INTERNATIONAL ANATOLIAN SCIENTIFIC RESEARCH CONGRESS, Konya, Turkey, 8 - 10 November 2024

II. **Sertraline suppresses the proliferation of Caco-2 cells by inducing ferroptosis**

KAR F., KAR E., HACIOĞLU C.

6. INTERNATIONAL CONGRESS ON CONTEMPORARY SCIENTIFIC RESEARCH, Paris, France, 25 - 28 October 2024, pp.746-751

III. **TUMOR SUPPRESSIVE EFFECTS OF BETAINE ON HUMAN COLON CANCER CELLS VIA THE SEMA3A SIGNALING PATHWAY**

KAR E., KAR F.

2nd INTERNATIONAL CANADIAN SCIENTIFIC RESEARCH CONGRESS, Canada, 24 - 25 October 2024

IV. **IMIPRAMINE SUPPRESSES CELL VIABILITY BY REGULATING THE FERROPTOSIS SIGNALING PATHWAY IN A549 LUNG CARCINOMA CELLS**

HACIOĞLU C., KAR F., KAR E.

6th INTERNATIONAL İZMİR CONGRESS ON MEDICINE, NURSING, MIDWIFERY, AND HEALTH SCIENCES, Turkey, 11 - 13 October 2024

V. **WE ASKED ARTIFICIAL INTELLIGENCE. WHERE IS TRANSLATIONAL MEDICINE AND SCIENTIFIC RESEARCH HEADED**

KAR F., KAR E.

9th INTERNATIONAL INNOVATIVE STUDIES & CONTEMPORARY SCIENTIFIC RESEARCH CONGRESS, Japan, 10 - 11 October 2024

- VI. **12/15 Effect of lipoxygenase inhibitor and semaphorin signaling pathway on colon cancer**
KAR F., KAR E., HACIOĞLU C.
8th. International African Conference on Contemporary Scientific Research, Kenya, 11 - 13 October 2024
- VII. **DO ANTIDEPRESSANTS HAVE ANTICARCINOGENIC EFFECTS**
KAR F., KAR E.
13TH INTERNATIONAL İSTANBUL SCIENTIFIC RESEARCH CONGRESS, Turkey, 1 - 03 October 2024
- VIII. **THE GUT-BRAIN AXIS IN MENTAL DISORDERS**
KAR F., KAR E.
10th International Aegean Congress on Natural & Medical Sciences, Turkey, 5 - 07 October 2024
- IX. **LIPOXYGENASE INHIBITOR ML351 AFFECTS CELLULAR VIABILITY BY REGULATING THE AUTOPHAGY SIGNALING PATHWAY IN A549 CELLS**
KAR F., HACIOĞLU C., KAR E.
6th INTERNATIONAL İZMİR CONGRESS ON MEDICINE, NURSING, MIDWIFERY, AND HEALTH SCIENCES, Turkey, 11 - 13 October 2024
- X. **INDUCTION OF ENDOPLASMIC RETICULUM STRESS BY SERTRALINE REDUCES CELL VIABILITY IN LUNG CANCER**
KAR F., HACIOĞLU C., KAR E.
6th INTERNATIONAL İZMİR CONGRESS ON MEDICINE, NURSING, MIDWIFERY, AND HEALTH SCIENCES, Turkey, 11 - 13 October 2024
- XI. **IMIPRAMINE DOSE-DEPENDENTLY SUPPRESSES SEMA3E/PLXND1 IN HUMAN COLORECTAL ADENOCARCINOMA CELLS.**
Kar F., Kar E., Hacıoğlu C.
8. Uluslararası Azerbaycan Fen, Mühendislik, Matematik ve Uygulamalı Bilimler Kongresi, Baku, Azerbaijan, 24 - 25 September 2024, pp.242-252
- XII. **ANALYSIS OF FRICTION AND WEAR IN HYALURONIC ACID HYDROGELS USING PIN-ON-DISC METHOD**
Ay G. M., Göncü Y., Küçükbaş A., Kar F., Şentürk H., Özbayer C., Kar E., Ay N., Köse N.
13th CUKUROVA International Scientific Researches Conference, Adana, Turkey, 1 - 03 September 2024, pp.88-90
- XIII. **NÖROİNFLAMASYON VE SEPSİS BAĞLANTISI: ALTTA YATAN MEKANİZMALAR VE RİSK FAKTÖRLERİNİN PRE-KLİNİK MODELLEMELER İLE ARAŞTIRILMASI**
Kar E., Kar F.
7. INTERNATIONAL SCIENTIFIC RESEARCH AND INNOVATION CONGRESS (ISARC), Ankara, Turkey, 16 - 17 December 2023, pp.1-14
- XIV. **OSTEOARTRİT DENEYSEL MODELLEME ÇALIŞMALARI: KİMYASAL ve FİZİKSEL METOTLAR**
Arslan C., Kar E., Kar F., Şentürk H.
6.Ulusal Uygulamalı Biyolojik Bilimler Kongresi, Eskişehir, Turkey, 3 - 05 November 2023, pp.93-94
- XV. **NCM460 HÜCRE HASARI VE NÖROİNFLAMASYON SIÇAN MODELİNDE GÜÇLÜ PROBİYOTİKLERİN NEFROJENİK VE NÖROPROTEKTİF ETKİSİ: BAĞIRSAK-BEYİN-MİKROBİYOTA EKSENİ**
Kar F., Hacıoğlu C., Kar E., Koçak F. E., Kanbak G.
Uluslararası Biyokimya Kongresi 2022 // 33. Ulusal Biyokimya Kongresi, İzmir, Turkey, 26 - 30 October 2022, vol.47, pp.67-68
- XVI. **BORİK ASİT U251 GLİOBLASTOMA HÜCRE HATTINDA SEMA3A/PLEKSİN A1/NÖROFİLİN 1 SİNYAL YOLAĞI ARACILIĞIYLA OKSİDATİF STRES VE APOPTOZU İNDÜKLER**
Kar E., Övenler Z., Kar F., Hacıoğlu C., Koçak F. E.
Uluslararası Biyokimya Kongresi 2022 // 33. Ulusal Biyokimya Kongresi, İzmir, Turkey, 26 - 30 October 2022, vol.47, pp.67-68
- XVII. **Preclinical Applications of Hexagonal Boron Nitride Nanoparticles: A Cure for Osteoarthritis?**
KAR F., GÖNCÜ Y., KAR E., ÖZBAYER C., AY N., KAVUNCU V.
ULUSLARARASI BOR SEMPOZYUMU, İstanbul, Turkey, 05 October 2022, pp.371-372
- XVIII. **BORİK ASİTİN SEPSİS KAYNAKLI KARACİĞER HASARI ÜZERİNDEKİ OLASI KORUYUCU YA DA TEDAVİ**

EDİCİ ETKİLERİ

Kar E., Kar F., Can B., Güler G., Çakır Gündoğdu A., Özbayer C., Koçak F. E., Şentürk H.

VII. Türkiye in vitro Diyagnostik (IVD) Sempozyumu, Turkey, 27 April 2022

- XIX. **Güçlü Probiyotikler Semaforin Yolu Üzerinden Nöroinflamasyonu ve Bağırsak-Beyin Eksenindeki Ferroptozu Azaltır**
Kar F., Hacıoğlu C., Kar E., Burukoğlu Dönmez D., Kanbak G.
VII. Türkiye in vitro Diyagnostik (IVD) Sempozyumu, 27 - 29 April 2022
- XX. **Nörodejeneratif hastalıklarda in vitro yöntem: Sinaptozomlar üzerinde toksisite çalışmaları ve vitamin türevi bileşiklerin etki mekanizması**
Kar F., Kar E.
4th International Eurasian Conference on Biological and Chemical Sciences, 24 - 26 November 2021, pp.1-2
- XXI. **PROTECTIVE EFFECTS OF PROBIOTICS AGAINST LIPOPOLYSACCHARIDE-INDUCED SEPSIS**
KAR F., HACIOĞLU C., KAR E., ÖZKOÇ M., CAN B., AKYÜZ F., KANBAK G., USLU S.
Uluslararası Laboratuvar Tıbbı ve XX. Ulusal Klinik Biyokimya Kongresi, 25 - 26 December 2020
- XXII. **EFFECTS OF RENAL ISCHEMIA/REPERFUSION INJURY ON APOPTOSIS.**
CAN B., KAR F., KAR E., ÖZKOÇ M., ŞENTÜRK H., KANBAK G., ALATAŞ İ. Ö.
Uluslararası Laboratuvar Tıbbı ve XX. Ulusal Klinik Biyokimya Kongresi, 25 - 26 December 2020
- XXIII. **THE ASSOCIATION OF ALDOSTERONE-TO-RENIN ACTIVITY RATIO WITH KIDNEY FUNCTION TESTS AND EGFR**
KAR E., CAN B., KAR F., ALATAŞ İ. Ö.
Uluslararası Laboratuvar Tıbbı ve XX. Ulusal Klinik Biyokimya Kongresi, 25 - 26 December 2020
- XXIV. **INVESTIGATION OF POSSIBLE RELATIONS BETWEEN THYROIDFUNCTIONS AND ALDOSTERONE-TO-RENIN ACTIVITY RATIO**
KAR E., KAR F., CAN B., ALATAŞ İ. Ö.
Uluslararası Laboratuvar Tıbbı ve XX. Ulusal Klinik Biyokimya Kongresi, 25 - 26 December 2020
- XXV. **CONIVAPTAN AND ITS ROLE IN THE INFLAMMATORY PROCESS**
Can B., Kar F., Kar E., Özkoç M., Şentürk H., Kanbak G., Alataş İ. Ö.
Uluslararası Laboratuvar Tıbbı ve XX. Ulusal Klinik Biyokimya Kongresi, 25 - 26 December 2020
- XXVI. **NEUROPROTECTIVE EFFECTS OF BORIC ACID ON BRAINAGAINST RENAL ISCHEMIA/REPERFUSION INJURY**
HACIOĞLU C., KAR F., KAR E., KARA Y., ŞENTÜRK H., KANBAK G.
TBD ULUSLARARASI BİYOKİMYAKONGRESİ 201829. ULUSALBİYOKİMYA KONGRESİ, Muğla, Turkey, 26 - 30 October 2018, vol.43
- XXVII. **Acute antidiabetic activities of aqueous extract of Cistus laurifolius via Metformin on streptozotocin-induced diabetic rats**
Yücel E., Kar F., Kar E., Hacıoğlu C., Kara Y., Şentürk H., Kanbak G.
2nd international plant science and technology congress, Muğla, Turkey, 11 - 14 October 2018
- XXVIII. **The Validity of Serum Osmolality Determinations: Comparison of Measured and Calculated Osmolality Levels**
KAR E., KOCATÜRK E., KÜSKÜ KİRAZ 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
- XXIX. **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
- XXX. **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
- XXXI. **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

XXXII. **Sıçanlarda L-Asparaginaz ile oluşturulan karaciğer ve pankreas hasarı üzerine N-Asetilsisteinin'in etkisi**

ÖZDEMİR Z. C., YURTTAŞ G., KAR E., TANRIKURT C., KÜSKÜ KİRAZ Z., BÖR Ö.

43. Ulusal Hematoloji Kongresi, Turkey, 1 - 04 November 2017

XXXIII. **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

XXXIV. **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

Supported Projects

Göncü Y., Kar F., Şentürk H., Özbayer C., Kar E., Burukoğlu Dönmez D., Köse N., Ay N., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Dejenere sinovial sıvılar için hareketi kolaylaştırmaya yönelik yeni sentezlenmiş enjekte edilebilir bor nitrür hyalüronik asit hibrit hidrojellerin triboloji ve osteoartrit üzerinde moleküler araştırmaları, 2022 - 2024

Kar E., Alataş İ. Ö., Project Supported by Higher Education Institutions, Yeni sentezlenmiş metiltiyazol türevi bileşiğin lipopolisakkarit (LPS) ile indüklenmiş nöroinflamasyon üzerindeki etkinliğinin in vivo araştırılması, 2023 - 2023

Can B., Kar E., Alataş İ. Ö., Kanbak G., Kar F., Şentürk H., Burukoğlu Dönmez D., Project Supported by Higher Education Institutions, Böbrek İskemi-Reperfüzyon Modeli'nde Conivaptan ve Borik Asit Tedavisinin Uzak-Organ Hasarı Üzerindeki Etkilerinin Araştırılması, 2020 - 2021

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

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