

## Assoc. Prof. KÜBRANUR ÜNAL

### Personal Information

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### International Researcher IDs

ScholarID: k9z92zUAAAAJ

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Publons / Web Of Science ResearcherID: I-9958-2018

ScopusID: 56128005000

Yoksis Researcher ID: 263679

### Biography

She was born on 30.12.1984 in Erzurum.

She graduated from Atatürk University Faculty of Medicine on 15.07.2009.

She completed her Medical Biochemistry specialization at Ankara Numune Training and Research Hospital on 02.03.2016 and received the title of specialist doctor. She worked as a Medical Biochemistry Specialist in various hospitals in Ankara. She received the title of associate professor in Medical Biochemistry on 29.05.2020. She has been working as a faculty member at Gazi University Faculty of Medicine, Department of Medical Biochemistry since 2020.

She is particularly interested in hirudotherapy and cupping therapy in the field of traditional and complementary medicine. She continues her research and studies in this field via combining with the clinical biochemistry.

### Education Information

Undergraduate, Ankara University, İlahiyat Fakültesi, İlahiyat Pr. (Uzaktan Öğretim) (İlitam) (Lisans Tamamlama), Turkey 2015 - 2020

Associate Degree, Anadolu University, Open Education Faculty, Department Of Management And Organization, Turkey 2014 - 2018

Expertise In Medicine, Diğer (Kurumlar, hastaneler Vb.), Hastaneler, Ankara Numune Eğitim Ve Araştırma Hastanesi, Turkey 2011 - 2016

Associate Degree, Anadolu University, Open Education Faculty, Department Of Theology, Turkey 2012 - 2014

Undergraduate, Ataturk University, Tıp Fakültesi, Tıp Pr., Turkey 2003 - 2009

### Foreign Languages

English, C1 Advanced

### Certificates, Courses and Trainings

Vocational Course, Sülük Uygulaması Sertifikalı Eğitim Programı, Ankara Yıldırım Beyazıt Üniversitesi, 2018

Vocational Course, Kupa Sertifikalı Eğitim Programı, Ankara Yıldırım Beyazıt Üniversitesi, 2018

## Dissertations

Expertise In Medicine, Şizofreni hastalarında serum nesfatin-1 ve ghrelin düzeylerinin metabolik sendromla ilişkisi, Diğer (Kurumlar,hastaneler Vb.), Ankara Eğitim ve Araştırma Hastanesi, 2016

## Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry

## Academic Titles / Tasks

Associate Professor, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2020 - Continues

## Academic and Administrative Experience

Assistant Manager of Research and Application Center, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2023 - Continues

## Courses

5. SINIF DEÇMELİ STAJI, Undergraduate, 2023 - 2024  
Avicenna, Undergraduate, 2022 - 2023  
Tıbbi Biyokimya-Tıp 2/Türkçe, Undergraduate, 2020 - 2021  
KALITSAL HASTALIKLARIN BİYOKİMYASI, Doctorate, 2020 - 2021  
Medical Biochemistry-MED 5, Undergraduate, 2020 - 2021  
ENZİMLER, Postgraduate, 2020 - 2021  
Medicak Biocehemistry-MED 2/English, Undergraduate, 2020 - 2021  
Medical Biochemistry-MED 1/English, Undergraduate, 2020 - 2021  
Undergraduate, 2020 - 2021

## Advising Theses

Ünal K., Ratlarda Tıbbi Sülük ve Tıbbi Sülük Salgı Ekstraktının İnsizyonel Yara İyileşmesi Üzerine Etkisi, Postgraduate, N.KHUSAINOV(Student), 2024  
Ünal K., Flep modeli oluşturulmuş sıçanlarda tıbbi sülük ve tıbbi sülük salgı ekstrakt uygulamasının etkilerinin araştırılması, Postgraduate, M.EMRE(Student), 2023  
Ünal K., Farklı hücre hatlarında tıbbi sülük salgı ekstraktının in vitro etkisinin araştırılması, Postgraduate, N.TIRIK(Student), 2022

## Jury Memberships

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, December, 2023  
Post Graduate, Post Graduate, Ankara Yıldırım Beyazıt Üniversitesi, August, 2023  
Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, August, 2023

Post Graduate, Post Graduate, Gazi Üniversitesi, August, 2023

Post Graduate, Post Graduate, Gazi Üniversitesi, June, 2023

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, May, 2023

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, December, 2022

Post Graduate, Post Graduate, Gazi Üniversitesi, June, 2022

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, June, 2022

Expertise In Medicine, Expertise In Medicine, Gazi Üniversitesi, June, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Gazi Üniversitesi, July, 2020

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

- I. **Serum PGE2, 15d-PGJ, PPAR gamma and CRP levels in patients with schizophrenia**  
Yuksel R. N., Titz A. P., Yaylaci E. T., ÜNAL K., Turhan T., Erzin G., Zungun C., Aydemir M. C., Goka E.  
ASIAN JOURNAL OF PSYCHIATRY, vol.46, pp.24-28, 2019 (SCI-Expanded)
- II. **Thiol/disulphide homeostasis in manic episode and remission phases of bipolar disorder**  
Yirun M. C., ÜNAL K., Yirun O., Kilic O. H. T., EREL Ö.  
NORDIC JOURNAL OF PSYCHIATRY, vol.72, no.8, pp.572-577, 2018 (SCI-Expanded)
- III. **The association of serum nesfatin-1 and ghrelin levels with metabolic syndrome in patients with schizophrenia**  
ÜNAL K., Yuksel R. N., Turban T., Sezer S., Yaylaci E. T.  
PSYCHIATRY RESEARCH, vol.261, pp.45-49, 2018 (SCI-Expanded)
- IV. **Thiol/disulphide homeostasis in schizophrenia patients with positive symptoms**  
ÜNAL K., Erzin G., Yuksel R. N., Alisik M., EREL Ö.  
NORDIC JOURNAL OF PSYCHIATRY, vol.72, no.4, pp.281-284, 2018 (SCI-Expanded)
- V. **Serum TNF-related weak inducer of apoptosis (TWEAK) and TNF-related apoptosis-inducing ligand (TRAIL) levels of patients with bipolar disorder in manic episode, in remission and healthy controls**  
Yirun M. C., Yirun O., ÜNAL K., Yuksel R. N., Altunsoy N., Yaylaci E. T., Aydemir M. C., Goka E.  
PSYCHIATRY RESEARCH, vol.257, pp.338-345, 2017 (SCI-Expanded)
- VI. **Evaluation of Oxidative Stress in Bipolar Disorder in terms of Total Oxidant Status, Total Antioxidant Status, and Oxidative Stress Index**  
Cingi Yirun M., ÜNAL K., Altunsoy Sen N., Yirun O., Aydemir C., Goka E.  
NOROSIKIYATRI ARSIVI-ARCHIVES OF NEUROPSYCHIATRY, vol.53, no.3, pp.194-198, 2016 (SCI-Expanded)
- VII. **TNF-related weak inducer of apoptosis (TWEAK) levels in schizophrenia**  
Yaylaci E. T., Yuksel R. N., ÜNAL K., Altunsoy N., Cingi M., Sahiner S. Y., Aydemir M. C., Goka E.  
PSYCHIATRY RESEARCH, vol.229, no.3, pp.755-759, 2015 (SCI-Expanded)
- VIII. **An alternative marker of low-density lipoprotein cholesterol in coronary artery disease: non-high-density lipoprotein cholesterol**  
Ercan M., Oguz E., YILMAZ F. M., Bogdaycioglu N., ÜNAL K., Sahin D., Uysal S.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.45, no.1, pp.153-158, 2015 (SCI-Expanded)
- IX. **The levels of serum pentraxin3, CRP, fetuin-A, and insulin in patients with psoriasis**  
Uysal S., Yilmaz F. M., Karatoprak K., Artuz F., Cumbul N. U.  
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.18, no.22, pp.3453-3458, 2014 (SCI-Expanded)
- X. **The frequency of JAK2 V617F gen mutation and its associations with whole blood count parameters**  
ÜNAL K., Erdogan S., Yilmaz F. M.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.39, no.1, pp.93-98, 2014 (SCI-Expanded)
- XI. **Correlation between total vitamin D levels and psychotic psychopathology in patients with schizophrenia: Therapeutic implications for add-on vitamin D augmentation**  
Yuksel R. N., Altunsoy N., Tikir B., Yirun Cingi M., ÜNAL K., Goka S., Aydemir C., Goka E.

## Articles Published in Other Journals

- I. **The Investigation of Effects of Medicinal Leech Saliva Extract on the Breast Fibroblast Cell Line In Vitro: An Experimental Study**  
ÜNAL K., TIRIK N., EROL M. E., İBRAHİM KHALIL L., ELÇİ M. P., AYHAN H.  
Geleneksel ve Tamamlayıcı Tıp Dergisi, vol.6, no.2, pp.142-151, 2023 (Peer-Reviewed Journal)
- II. **LITERATURE REVIEW ON THE EFFECTIVENESS OF MEDICINAL LEECH THERAPY IN THE WOUND HEALING**  
ÜNAL K., EROL M. E., AYHAN H.  
Ankara Medical Journal, vol.23, no.1, pp.151-164, 2023 (Scopus)
- III. **TIBBİ SÜLÜK TEDAVİSİNİN BİLİMSEL DEĞERİ**  
ÜNAL K., EROL M. E.  
Anadolu Tıbbi Dergisi, vol.1, no.3, pp.37-45, 2022 (Peer-Reviewed Journal)
- IV. **The Brain Ischemic Volume Correlation with The Ischemic Modified Albumin Level**  
Demirci B., KARAKILIÇ M. E., COŞKUN A., YEL C., UYANIK S. A., ÜNAL K., BAŞPINAR İ., ÇALTILI Ç., İNAN S.  
Bağcılar Medical Bulletin, vol.0, no.0, 2021 (Peer-Reviewed Journal)
- V. **Evaluation of measurement precision of 26 glucometers**  
ÜNAL K.  
Turkish Bulletin of Hygiene and Experimental Biology, vol.76, no.3, pp.297-302, 2019 (Scopus)
- VI. **Comparison of small-volume tubes with vacuum blood tubes for complete blood count**  
ÜNAL K.  
International Journal of Medical Biochemistry, vol.2, no.1, pp.24-29, 2019 (Peer-Reviewed Journal)
- VII. **The importance of evaluating measurement uncertainty for troponin I**  
ÜNAL K., ATIKELER G. F.  
JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, vol.10, no.1, pp.5-8, 2019 (ESCI)
- VIII. **Effects of ramadan lifestyle on lipid profile and oxidative stress markers in adult males**  
ÜNAL K., TOPCUOĞLU C., YUCEL C., TURHAN T., NESELIOĞLU S., EREL Ö.  
JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, vol.10, no.1, pp.26-30, 2019 (ESCI)
- IX. **Farklı Dış Kalite Kontrol Program Verileri ile Toplam Analitik Hata Değerlendirmesi**  
ÜNAL K.  
TÜRK KLİNİK BİYOKİMYA DERGİSİ, vol.13, no.1, pp.48-52, 2018 (Peer-Reviewed Journal)
- X. **Serum ischemia modified albumin (IMA) levels of patients with bipolar disorder in remission and healthy controls**  
ÜNAL K., TOPCUOĞLU C., YIRUN CINGİ M.  
Biomedical Research, vol.29, no.12, pp.2672-2675, 2018 (Peer-Reviewed Journal)
- XI. **Evaluation of the oxidative stress in silicosis patients**  
ÜNAL K., ÇAKIR B., BAL C., YILMAZ Ö. H., TUTKUN E., YILMAZ F. M.  
The Turkish Journal Of Occupational / Environmental Medicine and Safety, vol.3, no.1, pp.5, 2018 (Peer-Reviewed Journal)
- XII. **The evaluation of measurement uncertainty for HbA1c and its effect on clinical decision levels**  
ÜNAL K., ATIKELER G. F.  
International Journal of Medical Biochemistry, vol.1, no.2, pp.53-56, 2018 (Peer-Reviewed Journal)
- XIII. **The Reasons for Blood Ethanol Concentration Analyses in Patients Admitted to Emergency Department**  
ÜNAL K., TURHAN T., ATIKELER G., CALCI E., SONMEZ M., YILMAZ F. M.  
JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, vol.8, no.3, pp.248-251, 2017 (ESCI)
- XIV. **The Effect Of Daily Water Intake On Blood Biochemical Markers In Healthy Individuals**  
ÜNAL K.

The Turkish Journal Of Occupational / Environmental Medicine and Safety, vol.2, pp.230-237, 2017 (Peer-Reviewed Journal)

- XV. **Evaluation of The Effect of Triglyceride Concentrations on Direct LDL Cholesterol Levels**  
ÜNAL K., Sezer S., YILMAZ F. M., Bogdaycioglu N.  
Turkish Medical Journal, vol.8, no.3, pp.73-80, 2016 (Peer-Reviewed Journal)
- XVI. **The Relationship of Mean Platelet Volume Levels With MEFV and HLA-B27 Gene Analysis**  
ÜNAL K., Erdogan S., YILMAZ F. M., erden g., Sezer S., çavdarlı b., özbalkan z., karaaslan y., koca y.  
Turkish Medical Journal, vol.8, no.1, pp.8-15, 2016 (Peer-Reviewed Journal)
- XVII. **Salt restriction or using a different form of salt?**  
ÜNAL K., Yilmaz F. M.  
Spatula DD - Peer Reviewed Journal on Complementary Medicine and Drug Discovery, vol.4, no.4, pp.187, 2014 (Peer-Reviewed Journal)
- XVIII. **Lipoprotein İlişkili Fosfolipaz A2'nin Mesleki Kurşun Maruziyetinde Potansiyel Bir Kardiyak Belirteç Olarak Değerlendirilmesi**  
YILMAZ Ö. H., TUTKUN E., YILMAZ F. M., ÜNAL K., KARA H., Keskinlik B.  
Ankara Medical Journal, vol.13, no.2, pp.66-70, 2013 (Peer-Reviewed Journal)
- XIX. **The relationship between serum biochemical parameters and glycemic control in diabetes**  
ÜNAL K., UYSAL S., Akkılık Z. S., ERCAN KARADAĞ M., YILMAZ F. M.  
Abant Medical Journal, vol.1, no.2, pp.51-54, 2012 (Peer-Reviewed Journal)
- XX. **Strok Hastalarının Homosistein Ve CRP Düzeylerinin İncelenmesi**  
UYSAL S., ÜNAL K., YILMAZ F. M., bilen ş., ak f.  
Türk Tıp Dergisi, vol.6, no.2, pp.44-49, 2012 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Hirudoterapi Uygulamalarında Tıbbi Uygulama Hataları.**  
ÜNAL K., EROL M. E.  
in: Geleneksel ve Tamamlayıcı Tıp Uygulamalarında Tıbbi Uygulama Hataları, Bora BÜKEN, Aysun BARANSEL ISIR, Rıza YILMAZ, Editor, Akademisyen Yayınevi Kitabevi, Ankara, pp.264-287, 2023
- II. **TIBBİ SÜLÜK SALGISININ BİYOKİMYASI**  
ÜNAL K., EROL M. E.  
in: SAĞLIK & BİLİM 2022 MEDİKAL ARAŞTIRMALAR-IV, KARAMAN ONUR, Editor, Efe Akademik Yayıncılık, İstanbul, pp.215-228, 2022
- III. **Tıbbi Laboratuvarlarda Postanalitik Evre.**  
ÜNAL K.  
in: Güncel Biyokimya Çalışmaları, Doğan Yücel, Editor, Akademisyen Yayınevi, Ankara, pp.83-91, 2020
- IV. **TOPLAM ANALİTİK HATA VE ÖLÇÜM BELİRSİZLİĞİNİN KLİNİK LABORATUVARLARDA KULLANIMI**  
ÜNAL K.  
in: Güncel Biyokimya Çalışmaları II, Doğan Yücel, Editor, Akademisyen Kitabevi, Ankara, pp.111-122, 2019

## Refereed Congress / Symposium Publications in Proceedings

- I. **INVESTIGATION OF NEUROTROPHIN LEVELS IN MULTIPAROUS WOMEN WITH STRESS URINARY INCONTINENCE**  
Ünal K.  
International Biochemistry Congress 2023 // 34th National Biochemistry Congress , Muğla, Turkey, 29 October - 01 November 2023
- II. **INVESTIGATION OF FECAL CALPROTECTIN TEST USED FOR INFLAMMATORY BOWEL DISEASE**  
Ünal K.

International Biochemistry Congress 2023 // 34th National Biochemistry Congress, Muğla, Turkey, 29 October - 01 November 2023

**III. COMPARISON OF BIOCHEMICAL MARKERS BEFORE AND AFTER BARIATRIC SURGERY**

Ünal K., İbrahimkahanlı L., Göbüt H., Büyükkasap A. Ç.

International Biochemistry Congress 2023 // 34th National Biochemistry Congress , Muğla, Turkey, 29 October - 01 November 2023

**IV. Effect of Medicinal Leech and Medicinal Leech Saliva Extract On Incisional Wound Healing in Rats**

Ünal K.

13th International Hippocrates Congress on Medical and Health Sciences, Ankara, Turkey, 15 - 16 December 2023, pp.122-123

**V. Tıbbi Sülük (Hirudo Verbana) Salgı Ekstratının Meme Kanseri Hücre Hattı (MCF-7)'nda İn Vitro Etkisinin Araştırılması**

Ünal K.

The 17th International Scientific Research Congress, Ankara, Turkey, 19 - 20 August 2023, pp.21

**VI. INVESTIGATING THE EFFECTS OF MEDICINAL LEECH AND MEDICINAL LEECH SALIVA EXTRACT APPLICATION ON RATS WITH FLAP MODEL**

Erol M. E., Ünal K., Dayanır D., Ayhan H., İbrahimkhanlı L., Deniz E., Fındıkçioğlu K.

8. ULUSLARARASI ANKARA BİLİMSEL ARAŞTIRMALAR KONGRESİ, Ankara, Turkey, 9 - 11 June 2023, pp.913-914

**VII. EVALUATION OF SERUM PENTRAXIN-3 LEVELS IN PATIENTS WITH MIGRAINE**

Ünal K., Kösem A.

International Conference of Biochemists and Molecular Biologists in Bosnia and Herzegovina - ABMBBIH, Sarajevo, Bosnia And Herzegovina, 27 - 30 May 2023, pp.17

**VIII. Effects of Lyophilized Leech Saliva Extract on in vitro Cell migration and Apoptotic/ Necrotic Cell Death on the Human Breast Cancer Cell Line (MDA-MB-231)**

Ünal K.

International Conference of Biochemists and Molecular Biologists in Bosnia and Herzegovina – ABMBBIH Conference 2023,, Sarajevo, Bosnia And Herzegovina, 18 - 20 May 2023, vol.7, no.2

**IX. EXAMINATION OF THE RELATIONSHIP BETWEEN FECAL CALPROTECTIN AND FECAL OCCULT BLOOD**

Ünal K.

TBS INTERNATIONAL BIOCHEMISTRY CONGRESS 2022 33RD NATIONAL BIOCHEMISTRY CONGRESS, İzmir, Turkey, 26 - 30 October 2022, pp.72

**X. HİRUDOTERAPİNİN BİLİMSEL TEMELLERİ**

Ünal K.

7. Akupunktur ve Tamamlayıcı Tıp Sempozyumu, Ankara, Turkey, 7 - 09 October 2022, pp.61

**XI. Kolonoskopik inceleme kararında fekal kalprotektinin rolü**

Ünal K.

KBUD Kongre & LAB EXPO 2022 , Antalya, Turkey, 3 - 06 October 2022, pp.98

**XII. IN VITRO EFFECT OF MEDICINAL LEECH SALIVA EXTRACT ON PROLIFERATION, WOUND HEALING AND -APOPTOSIS IN BREAST FIBROBLAST CELL LINE**

Ünal K.

III. ULUSLARARASI BİLİM VE İNOVASYON KONGRESİ (INSI 2022), Ankara, Turkey, 9 - 12 June 2022, pp.41-42

**XIII. Adrenal Venöz Örneklemde Tıbbi Biyokimya Laboratuvarı İşbirliği Bir Laboratuvar Deneyimi**

Ünal K.

KBUD Kongre & LAB EXPO 2021, Antalya, Turkey, 11 - 14 October 2021, pp.105

**XIV. Evaluation of Lipoprotein Levels In Covid-19 Patients**

Ünal K.

CRITICAL ROLE OF CLINICAL LABORATORIES IN THE COVID-19 PANDEMIC -virtual conference, Milan, Italy, 15 - 17 February 2021

**XV. PREANALİTİK AŞAMA KALİTE GÖSTERGELERİNİN KARŞILAŞTIRILMASI**

ÜNAL K.

Uluslararası Laboratuvar Tıbbı ve XX. Ulusal Klinik Biyokimya Kongresi, online, Turkey, 25 - 26 December 2020

- XVI. **Şizofreni hastalarında serum 15d-PGJ ve PPAR Gamma düzeylerinin metabolik sendromla ilişkisi**  
ÜNAL K., Yuksel R. N.  
31.Ulusal Biyokimya Kongresi, online, Turkey, 18 - 20 December 2020
- XVII. **Total analytical error or measurement uncertainty?**  
ÜNAL K.  
Uluslararası KBUD Kongre LABEXPO 2019, Sakarya, Turkey, 2 - 05 October 2019, vol.2, pp.47
- XVIII. **HIRUDOTERAPI SONRASI KUPA UYGULAMASININ KANAMA ÜZERINE ETKİSİ**  
Karatoprak R., ÜNAL K.  
2. ULUSLARARASI GELENEKSEL VE TAMAMLAYICI TIP KONGRESİ, İstanbul, Turkey, 24 - 27 April 2019
- XIX. **Total PSA Test İsteminde "Refleks Test" Uygulamasının Etkisinin İncelenmesi**  
ÜNAL K.  
KLİNİK BİYOKİMYA UZMANLARI DERNEĞİ ULUSLARARASI KATILIMLI PREANALİTİK EVRE SEMPOZYUMU, Eskişehir, Turkey, 23 - 24 March 2018, vol.1, pp.15
- XX. **Şizofreni hastalarında serum PGE2,15D-PGJ, PPAR GAMMA düzeylerinin ve EEG parametrelerinin korelasyonlarının değerlendirilmesi**  
Yuksel R. N., titiz a. p., Yaylaci E. T., ÜNAL K., AYDEMİR M. Ç., Turhan T., Erzin G., züngün c., Goka E.  
52. ULUSAL PSİKIYATRİ KONGRESİ, Antalya, Turkey, 16 - 20 November 2016, vol.27, pp.62
- XXI. **The importance of reporting blood ethanol concentration analyses results with measurement uncertainty estimation**  
ÜNAL K.  
INTERNATIONAL BIOCHEMICAL CONGRESS 2017, Erzurum, Turkey, 18 - 23 September 2017, vol.42, pp.31
- XXII. **The importance of reporting troponin I analysis results with measurement uncertainty estimation**  
ÜNAL K.  
42nd Congress of the Federation-of-European-Biochemical-Societies (FEBS) on From Molecules to Cells and Back, Jerusalem, Israel, 10 - 14 September 2017, vol.284, pp.332
- XXIII. **Hba1c analiz sonuçlarının ölçüm belirsizliği tahmini ile raporlanmasının önemi**  
ÜNAL K.  
Türk Klinik Biyokimya Kongresi, Girne, Cyprus (Kktc), 4 - 07 May 2017, vol.15, pp.0-86
- XXIV. **Günlük içilen su miktarının kan biyokimyasal testleri ile ilişkisi**  
ÜNAL K.  
2 nd International Water and Health Congress, Antalya, Turkey, 13 - 17 March 2017, pp.410-411
- XXV. **Ramazan orucunun oksidatif stres ve serum biyokimyasal belirteçler üzerine etkisi**  
ÜNAL K., Topcuoglu C., Turhan T., Neselioglu S., Erel O.  
SİVAS BİYOKİMYA GÜNLERİ 2016, Sivas, Turkey, 2 - 05 November 2016, vol.41
- XXVI. **Evaluation of serum levels of ischemia modified albumin (IMA) in bipolar disorder patients**  
ÜNAL K., Topcuoglu C., Cingi M.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.416
- XXVII. **Yüksek hızlı santrifürün kan etanol düzeylerine etkisi**  
ÜNAL K., Yucel C., BATUR T., Sezer S., Turhan T.  
TBD PREANALİTİK EVRE SEMPOZYUMU ADANA, Adana, Turkey, 19 - 20 May 2016, vol.41, pp.1-2
- XXVIII. **Relationship of metabolic syndrome with levels of serum ghrelin and nesfatin-1 in schizophrenia**  
ÜNAL K., Yuksel R. N., Turhan T., Sezer S., Yaylaci E. T.  
8.Uluslararası Psikofarmakoloji Kongresi, Antalya, Turkey, 20 - 24 April 2016, vol.26, pp.35-87
- XXIX. **Evaluation Of The Oxidative Stress In Silicosis Patients**  
ÜNAL K., Çakır B., BAL C., YILMAZ Ö. H., TUTKUN E., YILMAZ F. M.  
1.İnternational Congress Of Forensic Toxicology, Ankara, Turkey, 29 - 30 November 2014, vol.1, pp.47
- XXX. **Assesment of CA125 and CA19-9 in silicosis**  
Çakır B., ÜNAL K., BAL C., YILMAZ Ö. H., TUTKUN E., YILMAZ F. M.  
1.international congress of forensic toxicology, Ankara, Turkey, 29 - 30 November 2014, vol.1, pp.58
- XXXI. **Glukomax Performans Değerlendirmesi**

- ÜNAL K., YILMAZ F. M., Turhan T., kaya o., çığırđan c.  
Uluslararası katılımlı kongreexpo 2014, İzmir, Turkey, 16 - 20 September 2014
- XXXII. **The Reasons For Emergency Admission Related With Blood Ethanol Concentration (BEC)**  
ÜNAL K., Turhan T., Atikeler G. F., Calci E., Sonmez M., YILMAZ F. M.  
IFCC WorldLab Istanbul 2014, İstanbul, Turkey, 22 - 26 June 2014, vol.52, pp.42
- XXXIII. **Tuzu kısıtlamak mı? Farklı tuz kullanmak mı?**  
ÜNAL K., YILMAZ F. M.  
XIV. Ulusal Klinik Biyokimya Kongresi, Antalya, Turkey, 24 - 27 April 2014
- XXXIV. **Glukometrelerin uzun dönem performansı üzerine bir değerlendirme**  
ÜNAL K., YILMAZ F. M., Turhan T., çığırđan c.  
Uluslararası katılımlı kongreexpo 2013, Antalya, Turkey, 24 - 28 September 2013
- XXXV. **JAK 2 V617F gen mutasyon sıklığı ve tam kan sayımı parametreleri ile ilişkisi**  
ÜNAL K., Erdogan S., YILMAZ F. M.  
25. Ulusal Biyokimya Kongresi, İzmir, Turkey, 3 - 06 September 2013, vol.38, pp.0-289
- XXXVI. **Psöriasis hastalarında serum pentraxin3, CRP, fetuin-A, insulin ve HOMA düzeylerinin incelenmesi**  
UYSAL S., YILMAZ F. M., ÜNAL K., artüz f., Uyar Cumbul N.  
XIII. Ulusal Klinik Biyokimya Kongresi, İzmir, Turkey, 25 - 28 April 2013
- XXXVII. **Farklı trigliserit konsantrasyonlarında direkt-LDL ve Friedewald LDL düzeylerinin non-HDL kolestrol düzeyleri ile karşılaştırılması**  
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24. Ulusal Biyokimya Kongresi, Konya, Turkey, 25 - 28 September 2012, vol.37
- XXXVIII. **Strok Hastalarının Homosistein Ve CRP Düzeylerinin İncelenmesi**  
UYSAL S., ÜNAL K., bilen ş., YILMAZ F. M., ak f.  
24. Ulusal Biyokimya Kongresi, Konya, Turkey, 25 - 28 September 2012, vol.37
- XXXIX. **Koronar Arter Hastalarında Risk Belirteci Olarak Non-HDL ve LDL -Kolestrol düzeylerinin karşılaştırılması**  
Ercan M., Bogdaycioglu N., ÜNAL K., Sahin D., UYSAL S., YILMAZ F. M.  
KBUD 8. Ulusal Biyokimya Kongresi, Bodrum, Turkey, 18 - 22 September 2012
- XL. **Erişkinlerde Ailevi Akdeniz Ateşi Mutasyonu ile Mean Platelet Volum Düzeyleri İlişkisi**  
Erdogan S., ÜNAL K., erden g., Sezer S.  
KBUD 8. Ulusal Biyokimya Kongresi, Bodrum, Turkey, 18 - 22 September 2012
- XLI. **Diyabet regülasyonunun serum biyokimyasal parametreler ile ilişkisi**  
ÜNAL K., ERCAN KARADAĞ M., YILMAZ F. M.  
XII. Ulusal Klinik Biyokimya Kongresi, Marmaris, Turkey, 12 - 15 April 2012

## Supported Projects

- ÜNAL K., İBRAHİM KHALİ L., CHASAN D., KARATAŞ A., Project Supported by Higher Education Institutions, İnfliximab Tedavisi Alan İnflamatuar Bağırsak Hastalığı tanılı hastalarda serum TRADD, TRAF2, İKK, İKK ve NFkB Düzeylerinin İncelenmesi, 2023 - Continues
- ÜNAL K., KHUSAİNOV N., Project Supported by Higher Education Institutions, Ratlarda Tıbbi Sülük Ve Tıbbi Sülük Salgı Ekstraktının İnsizyonel Yara İyileşmesi Üzerine Etkisi, 2023 - 2024
- ÜNAL K., ÖZDEMİR Ö., ERDEM E., İBRAHİM KHALİ L., Project Supported by Higher Education Institutions, Stres üriner inkontinans tanısı olan multipar hastalarda Sinir Büyüme Faktörü Nerve Growth Factor (NGF) Beyin kaynaklı nörotrofik faktör (BDNF) Nörotrofin3 (NT3) ve Nörotrofin4 (NT4) düzeylerinin kontrol grubu ile karşılaştırılması, 2022 - 2023
- ÜNAL K., Erol M. E., Project Supported by Higher Education Institutions, Flep Modeli Oluşturulmuş Sıçanlarda Tıbbi Sülük ve Tıbbi Sülük Salgı Ekstrat Uygulaması Etkilerinin Araştırılması, 2022 - 2023
- ÜNAL K., Tırık N., Project Supported by Higher Education Institutions, Farklı Hücre Hatlarında Tıbbi Sülük Salgı Ekstraktının İn Vitro Etkisinin Araştırılması, 2021 - 2022



## Student Project

R & D Project, "İnfliximab Tedavisi Alan İnflamatuvar Bağırsak Hastalarının Serumlarında TRAF2 ve NFκB Düzeylerinin İncelenmesi" , Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, Turkey, 2023 - Continues

## Scientific Refereeing

Journal of Gazi University Health Sciences Institute, Other Journals, December 2023

Emergency R&D Project of Group A, Kütahya Health Sciences University, Turkey, December 2023

Project Supported by Higher Education Institutions, BAP Research Project, Gazi University, Turkey, November 2023

TURK HIJIYEN VE DENEYSEL BIYOLOJİ DERGISI. TURKISH BULLETIN OF HYGIENE AND EXPERIMENTAL BIOLOGY, Other Journals, October 2023

JOURNAL OF HEALTH SCIENCES, National Scientific Refreed Journal, September 2023

Emergency R&D Project of Group A, Inonu University, Turkey, May 2023

Journal of Integrative and Anatolian Medicine, Other Journals, April 2023

Emergency R&D Project of Group A, Inonu University, Turkey, April 2023

INTERNATIONAL JOURNAL OF BIOCHEMISTRY AND MOLECULAR BIOLOGY, Other Indexed Journal, February 2023

Project Supported by Higher Education Institutions, BAP Research Project, Karadeniz Technical University, Turkey, February 2023

Emergency R&D Project of Group A, Ankara University, Turkey, February 2023

TURK HIJIYEN VE DENEYSEL BIYOLOJİ DERGISI. TURKISH BULLETIN OF HYGIENE AND EXPERIMENTAL BIOLOGY, National Scientific Refreed Journal, January 2023

Project Supported by Higher Education Institutions, BAP Research Project, Gazi University, Turkey, January 2023

JOURNAL OF TRADITIONAL AND COMPLEMENTARY MEDICINE, Journal Indexed in SCI-E, October 2022

ISTANBUL MEDICAL JOURNAL, Other Indexed Journal, June 2022

International Journal of Medical Biochemistry, Other Indexed Journal, March 2022

Hittite Journal of Science and Engineering, Other Indexed Journal, March 2022

TURKISH JOURNAL OF MEDICAL SCIENCES, Journal Indexed in SCI-E, February 2022

## Tasks In Event Organizations

Ünal K., 2. Gazi Tıp Biyokimya Günleri: İnflamasyona Multidisipliner Yaklaşım, Scientific Congress, Ankara, Turkey, Kasım 2022

## Metrics

Publication: 76

Citation (WoS): 159

Citation (Scopus): 166

H-Index (WoS): 8

H-Index (Scopus): 8

## Congress and Symposium Activities

2023 GETAT Bilim ve Danışma Komisyonları Toplantısı, Attendee, Ankara, Turkey, 2023

International Biochemistry Congress 2023 // 34th National Biochemistry Congress , Session Moderator, Muğla, Turkey, 2023

12. Akupunktur ve Tamamlayıcı Tıp Kongresi, Invited Speaker, Kocaeli, Turkey, 2023

12. Akupunktur ve Tamamlayıcı Tıp Kongresi, Session Moderator, Kocaeli, Turkey, 2023

2. Gazi Tıp Biyokimya Günleri: İnflamasyona Multidisipliner Yaklaşım Sempozyumu, Session Moderator, Ankara, Turkey, 2022

TBS INTERNATIONAL BIOCHEMISTRY CONGRESS 2022 33RD NATIONAL BIOCHEMISTRY CONGRESS, Session Moderator, İzmir, Turkey, 2022

7. Akupunktur Ve Tamamlayıcı Tıp Sempozyumu, Invited Speaker, Ankara, Turkey, 2022

İntegratif ve Anadolu Tıbbı Kongresi, Invited Speaker, Bursa, Turkey, 2022

## **Non Academic Experience**

Ministry, Sağlık Bakanlığı, GETAT Bilim ve Danışma Komisyonu