

## Assoc. Prof. CUMA MERTOĞLU

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: A-3506-2017

ScopusID: 55752340900

Yoksis Researcher ID: 130805

### Education Information

Doctorate, Tokat Gaziosmanpaşa University, Graduate School Of Educational Sciences, Tıbbi Biyokimya, Turkey 2012 - 2019

Expertise In Medicine, Tokat Gaziosmanpaşa University, School Of Medicine, Tıbbi Biyokimya, Turkey 2009 - 2013

Undergraduate, Inonu University, Tıp Fakültesi, Turkey 2001 - 2007

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, RATLARDA BÖBREK İSKEMİ-REPERFÜZYON HASARINDA ERKEN BİR BİYOBELİRTEÇ OLARAK MYO-İNOSİTOL OKSİJENAZ DÜZEYİ, Tokat Gaziosmanpaşa Üniversitesi, Sağlık Bilimleri Enstitüsü, Tıbbi Biyokimya, 2019

Expertise In Medicine, Yüksek Doz Metilprednizolonun Tavşan Kalp Dokusunda Oluşturduğu Hasar Üzerine Melatoninin Koruyucu Etkileri, Gaziosman Paşa Üniversitesi, Tıp Fakültesi, Tıbbi Biyokimya, 2013

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry

### Academic Titles / Tasks

Associate Professor, Erzincan Binali Yildirim University, Tıp Fakültesi, Tıbbi Biyokimya, 2019 - Continues

Assistant Professor, Erzincan Binali Yildirim University, Tıp Fakültesi, Tıbbi Biyokimya, 2018 - 2019

Assistant Professor, Erzincan Binali Yildirim University, Tıp Fakültesi, Tıbbi Biyokimya, 2015 - 2018

## Courses

Klinik Biyokimya, Undergraduate, 2016 - 2017

Kofaktörler ve Tepkime Mekanizmaları, Postgraduate, 2016 - 2017

ENDOKRİN SİSTEM BİYOKİMYASI, Postgraduate, 2015 - 2016

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

- I. **Assessing the nitric oxide and asymmetric dimethylarginine levels in lifelong premature ejaculation: A prospective study** Evaluación de los niveles de óxido nítrico y dimetilarginina asimétrica en la eyaculación precoz de por vida, un estudio prospectivo  
Erdogan A., KESKİN E., Sambel M., Mertoglu C.  
Revista Internacional de Andrologia, vol.20, no.4, pp.225-230, 2022 (SCI-Expanded)
- II. **What is the impact and efficacy of routine immunological, biochemical and hematological biomarkers as predictors of COVID-19 mortality?**  
Tahir Huyut M. T., Huyut Z., İlkbahar F., Mertoğlu C.  
International Immunopharmacology, vol.105, 2022 (SCI-Expanded)
- III. **Investigation of Serum Calcium and 25-Hydroxy Vitamin D Levels in Benign Paroxysmal Positional Vertigo Patients**  
Inan H. C., MERTOĞLU C., Erdur Z. B.  
ENT-EAR NOSE & THROAT JOURNAL, vol.100, no.9, pp.643-646, 2021 (SCI-Expanded)
- IV. **How do routine laboratory tests change in coronavirus disease 2019?**  
Mertoglu C., Huyut M. T., Arslan Y. K., Ceylan Y., Coban T. A.  
SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION, vol.81, no.1, pp.24-33, 2021 (SCI-Expanded)
- V. **Effect of different protein diets on weight loss, inflammatory markers, and cardiometabolic risk factors in obese women**  
Karahan Yılmaz S., Eskici G., Mertoğlu C., Ayaz A.  
JOURNAL OF RESEARCH IN MEDICAL SCIENCES, vol.26, no.1, 2021 (SCI-Expanded)
- VI. **Thiols and ceruloplasmin levels in serum of children with attention deficit hyperactivity disorder: A cross-sectional study.**  
Öğütü H., Mertoğlu C., Gök G., Neşelioğlu S.  
Psychiatry research, vol.294, pp.113546, 2020 (SCI-Expanded)
- VII. **Is ischemia associated with the formation of White matter lesions in migraine?**  
Ersoy A., Yasar H., Mertoglu C., Koc U., Akturan S., Gok G., Erel O.  
Clinical neurology and neurosurgery, vol.193, pp.105770, 2020 (SCI-Expanded)
- VIII. **Effectiveness of myo-inositol oxygenase in the early diagnosis of experimental acute kidney injury.**  
Mertoglu C., Ozmen Z., Firat F., Arici A., Unsal V., Erdemir F.  
Bratislavske lekarske listy, vol.121, pp.565-570, 2020 (SCI-Expanded)
- IX. **Could interleukin-33 and its suppressor of tumorigenicity 2 (ST2) receptor have a role in cervical human papillomavirus (HPV) infections?**  
KULHAN N. G., KULHAN M., Aydin M., Nayki U., NAYKI C., ULUĞ P., ATA N., MERTOĞLU C., Cikman A., SAYAR İ., et al.  
GYNECOLOGICAL ENDOCRINOLOGY, vol.35, no.9, pp.796-802, 2019 (SCI-Expanded)
- X. **Thiol-Disulfide Homeostasis and Serum Ischemia Modified Albumin Levels in Patients with Primary Open-Angle Glaucoma**  
KARAKURT Y., MERTOĞLU C., Gok G., Ucak T., Tasli G., İÇEL E., EREL Ö.  
CURRENT EYE RESEARCH, vol.44, no.8, pp.896-900, 2019 (SCI-Expanded)
- XI. **Thiol-Disulfide Homeostasis, Serum Ferroxidase Activity, and Serum Ischemia Modified Albumin Levels in Childhood Iron Deficiency Anemia**  
TOPAL İ., MERTOĞLU C., Kara I. S., Gok G., EREL Ö.  
FETAL AND PEDIATRIC PATHOLOGY, vol.38, no.6, pp.484-489, 2019 (SCI-Expanded)
- XII. **Serum SCUBE-1 levels in patients with diabetic retinopathy**

İCEL E., İÇEL A., Mertoglu C., Tasli N. G., Karakurt Y., UCAK T., Gunay M.

International Ophthalmology, 2019 (SCI-Expanded)

- XIII. **Thiol-Disulfide Homeostasis, Serum Ferroxidase Activity, and Serum Ischemia Modified Albumin Levels in Neonatal Jaundice**  
Topal İ., MERTOĞLU C., Kara I. S., ŞİRANLI G., Gök G., EREL Ö.  
FETAL AND PEDIATRIC PATHOLOGY, vol.38, no.2, pp.138-145, 2019 (SCI-Expanded)
- XIV. **Vitamin D supplementation does not improve plasma thiol/disulfide homeostasis**  
MERTOĞLU C., Siranli G., TOPAL İ., Gök G., EREL Ö.  
PEDIATRICS INTERNATIONAL, vol.60, no.11, pp.1008-1013, 2018 (SCI-Expanded)
- XV. **Does extracorporeal shockwave lithotripsy therapy affect thiol-disulfide homeostasis?**  
BOZKURT A., Mertoglu C., KARABAKAN M., SIRANLI G., YURT E., EREL O.  
Pakistan journal of medical sciences, vol.34, pp.1070-1075, 2018 (SCI-Expanded)
- XVI. **Does myo-inositol oxygenase, the only enzyme to catalyze myo-inositol in vivo, play a role in the etiology of polycystic ovarian syndrome?**  
MERTOĞLU C., Gunay M., GÜL V., KULHAN M., AKTAŞ M., ÇOBAN T. A.  
Gynecological Endocrinology, vol.34, no.5, pp.418-421, 2018 (SCI-Expanded)
- XVII. **Could Endocan, a Marker of Inflammation and Endothelial Dysfunction, be a New Diagnostic Marker for Fibromyalgia?**  
MERTOĞLU C., Gunay M., YERLİGÖK O.  
CLINICAL LABORATORY, vol.64, no.3, pp.405-410, 2018 (SCI-Expanded)
- XVIII. **MYO-INOSITOL OXYGENASE AS A NOVEL MARKER IN THE DIAGNOSIS OF ACUTE KIDNEY INJURY**  
MERTOĞLU C., Gunay M., GÜREL A., GUNGÖR M.  
JOURNAL OF MEDICAL BIOCHEMISTRY, vol.37, no.1, pp.1-6, 2018 (SCI-Expanded)
- XIX. **Ischemic modified albumin increases in acute kidney injury**  
MERTOĞLU C., Gunay M., GÜREL A., GUNGÖR M., GÜL V.  
REVISTA ROMANA DE MEDICINA DE LABORATOR, vol.26, no.1, pp.37-43, 2018 (SCI-Expanded)
- XX. **Evaluation of the effect of Retrograde Intrarenal Surgery with Myo-Inositol Oxygenase.**  
Mertoglu C., BOZKURT A., KESKIN E., GUNAY M.  
Pakistan journal of medical sciences, vol.34, pp.170-174, 2018 (SCI-Expanded)
- XXI. **The Effect of the 50 g Glucose Challenge Test on The Thiol/Disulfide Homeostasis in Pregnancy**  
MERTOĞLU C., Gunay M., ŞİRANLI G., KULHAN M., Gök G., EREL Ö.  
FETAL AND PEDIATRIC PATHOLOGY, vol.37, no.3, pp.147-156, 2018 (SCI-Expanded)
- XXII. **Protective role of methylprednisolone and heparin in ischaemic-reperfusion injury of the rat testicle**  
MERTOĞLU C., Senel U., ÇAYLI S., Tas U., Kiraz Z. K., Ozyurt H.  
ANDROLOGIA, vol.48, no.7, pp.737-744, 2016 (SCI-Expanded)
- XXIII. **The association of plasma vitamin A and E levels with coronary collateral circulation**  
Sogut E., Kadi H., Karayakali M., Mertoglu C.  
ATHEROSCLEROSIS, vol.239, no.2, pp.547-551, 2015 (SCI-Expanded)
- XXIV. **Melatonin and a single-high dose methylprednisolone effect on the oxidant-antioxidant system in the rabbit heart tissue**  
Mertoglu C., KIRAZ Z. K., Sogut E., Ozyurt H.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.40, no.4, pp.316-322, 2015 (SCI-Expanded)
- XXV. **The effects of alpha-tocopherol on oxidative damage and serum levels of Clara cell protein 16 in aspiration pneumonitis induced by bile acids**  
Alacam H., Karli R., ALICI O., Avci B., Guzel A., Kozan A., Mertoglu C., Murat N., SALIS O., Guzel A., et al.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.32, no.1, pp.53-61, 2013 (SCI-Expanded)
- XXVI. **Does ADMA affect the oxidant/antioxidant balance in rats?**  
Alacam H., Avci B., SALIS O., Dilek A., Kozan A., Mertoglu C., Sahin M., Okuyucu A.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.43, no.3, pp.405-410, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Vitamin B12 Level in Children Çocuklarda B12 Vitamin Seviyesi**  
Kara İ. S., Peker N. A., Dolğun İ., Mertoğlu C.  
Turk Osteoporoz Dergisi, vol.21, no.2, pp.127-134, 2023 (Scopus)
- II. **Comparison of serum Kim-1 and Miox levels in patients that underwent percutaneous nephrolithotomy and flexible ureterorenoscopy**  
Altun A., BOZKURT A., Erdogan A., Mertoğlu C., Hirik E., KESKİN E., Turan A.  
Urologia Journal, vol.90, no.2, pp.335-341, 2023 (ESCI)
- III. **The role of protein oxidation in the development of diabetic microvascular complications**  
Mertoğlu C., Siranlı G., Çoban T. A., Karakurt Y., Ersoy A., Özçiçek A., Arslan Y., Gok G., Erel Ö.  
NORTHERN CLINICS OF ISTANBUL, vol.8, no.5, pp.500-506, 2021 (ESCI)
- IV. **Assessment of Relationship Between Serum Vitamin D Levels and Metabolic Syndrome Components in Hemodialysis Patients**  
KARAHAN YILMAZ S., MERTOĞLU C., AYAZ A.  
Galician Medical Journal, vol.28, 2021 (Peer-Reviewed Journal)
- V. **The Effects Of High Fructose Corn Syrup Consumption On Human Health**  
ÖREK Y. Ş., MERTOĞLU C.  
Van Medical Journal, vol.27, no.3, pp.371-382, 2020 (Peer-Reviewed Journal)
- VI. **Neutrophil to Lymphocyte Ratio, Platelet to Lymphocyte Ratio and Mean Platelet Volume in Adults with Hypothyroidism**  
MERTOĞLU C., KANTARCI A.  
Archives of Basic and Clinical Research, vol.1, no.3, pp.81-85, 2019 (Peer-Reviewed Journal)
- VII. **Dynamic Thiol-Disulphide Homeostasis and Serum Ischemia Modified Albumin Levels in Patients with Age-Related Cataract**  
KARAKURT Y., MERTOĞLU C., UÇAK T., TAŞLI N. G., İÇEL E., GOK G., EREL Ö.  
Glokom Katarakt, vol.14, no.3, pp.129-133, 2019 (Peer-Reviewed Journal)
- VIII. **Analysis of preanalytical errors by different autoanalyzer and sample types**  
MERTOĞLU C.  
ANNALS OF CLINICAL AND ANALYTICAL MEDICINE, vol.10, no.5, pp.559-562, 2019 (ESCI)
- IX. **Increase of endocan, a new marker for inflammation and endothelial dysfunction, in acute kidney injury**  
Gunay M., MERTOĞLU C.  
NORTHERN CLINICS OF ISTANBUL, vol.6, no.2, pp.124-128, 2019 (ESCI)
- X. **Erzincan Bölgesindeki Çocukların D Vitamini Seviyelerinin Yaş, Cinsiyet ve Mevsimlere Göre Değerlendirilmesi**  
TOPAL İ., MERTOĞLU C., ARSLAN Y. K., GÜMÜŞ A., SÜRÜCÜ KARA İ., AYDIN PEKER N.  
FIRAT MEDICAL JOURNAL, 2018 (Peer-Reviewed Journal)
- XI. **How to prevent unnecessary request prostate-specific antigen testing?**  
MERTOĞLU C., BOZKURT A.  
Annals of Medical Research, no.0, pp.1, 2018 (Peer-Reviewed Journal)
- XII. **The Effects of Increased Humidity and Wet Weather Conditions on Inflammatory and Oxidative Stress Markers in Healthy Rats**  
MERTOĞLU C., GÜNAY M., GÜL V., SÜLEYMAN H., ÇOBAN T. A.  
Osmangazi Journal of Medicine, 2018 (Peer-Reviewed Journal)
- XIII. **Vitamin D level in pregnancy, gestational diabetes and women of reproductive age**  
MERTOĞLU C., GÜNAY M., KULHAN M.  
Van Medical Journal, vol.24, no.4, pp.328-332, 2017 (Peer-Reviewed Journal)
- XIV. **Neutrophil-Lymphocyte ratio and Platelet-Lymphocyte ratio as useful predictive markers of prediabetes and diabetes mellitus**  
MERTOĞLU C., Gunay M.

- XV. **The relationship between vitamin D And human papilloma virus infection**  
MERTOĞLU C., Nayki U., NAYKI C., Gunay M.  
JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, vol.8, no.6, pp.538-540, 2017 (ESCI)
- XVI. **Association between Newly Diagnosed Essential Hypertension, Smoking, Assymetric Dimethylarginine and ischemia-Modified Albumin**  
ALTUNTAŞ E., Bengu A. S., Kiraz Z. K., MERTOĞLU C., Dalar L., USALP S., Ciftci C.  
ISTANBUL MEDICAL JOURNAL, vol.18, no.2, pp.86-90, 2017 (ESCI)
- XVII. **Assessment of the relationship between serum vitamin (A, B 12 , C, D, folate) and zinc levels and polycystic ovary syndrome**  
KULHAN M., KULHAN N. G., ARSLAN NAYKI Ü., NAYKI C., ATA N., ULUĞ P., MERTOĞLU C.  
Archives of Medical Science - Civilization Diseases, vol.2, no.1, pp.62-69, 2017 (Peer-Reviewed Journal)
- XVIII. **A Study of Inflammatory Markers in Gestational Diabetes Mellitus**  
MERTOĞLU C., GÜNAY M., GUNGOR m., KULHAN M., KULHAN N. G.  
Gynecology Obstetrics Reproductive Medicine, pp.1, 2016 (Peer-Reviewed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Thiol-disulfide homeostasis in diabetic microvascular complications**  
Mertoğlu C., Şiranlı G., Çoban T. A., Karakurt Y., Ersoy A., Özçiçek A., Arslan Y. K., Gök G., Erel Ö.  
XXVII. Balkan Clinical Laboratory Federation Meeting BCLF 2019XXX. National Congress of the Turkish Biochemical Society TBS 2019, Antalya, Turkey, 27 - 31 October 2019, vol.44, pp.53
- II. **Neutrophil to lymphocyte ratio and mean platelet volume in adults with hypothyroidism**  
MERTOĞLU C., KANTARCI A.  
XXVII. Balkan Clinical Laboratory Federation Meeting BCLF 2019XXX. National Congress of the Turkish Biochemical Society TBS 2019, Antalya, Turkey, 27 - 31 October 2019, vol.44
- III. **Serum SCUBE-1 levels in patients with diabetic retinopathy**  
İÇEL E., İÇEL A., MERTOĞLU C., TAŞLI N. G., KARAKURT Y., UÇAK T., GÜNAY M.  
TOD 53. Ulusal Kongresi, Antalya, Turkey, 6 - 10 November 2019
- IV. **MİGRENDE BEYAZ CEVHER LEZYONLARININ OLUŞUMUNDA İSKEMİ SORUMLU MU?**  
ERSOY A., MERTOĞLU C., YAŞAR H., KOÇ U., AKTUNAN S., GÖK G., EREL Ö.  
ULUSLARARASI KONGRE VE LAB EXPO 2019, Turkey, 02 October 2019
- V. **DİYABETİK MİKROVASKÜLER KOMPLİKASYONLARDA NÖTROFİL LENFOSİT ORANI VE ORTALAMA TROMBOSİT HACMİ**  
Şiranlı G., Mertoğlu C., Ersoy A., Karakurt Y., Özçiçek A.  
Uluslararası KBUD Kongre LABEXPO 2019, Sakarya, Turkey, 2 - 05 October 2019
- VI. **MİGRENDE BEYAZ CEVHER LEZYONLARININ OLUŞUMUNDAN İSKEMİSORUMLU MU?**  
ERSOY A., MERTOĞLU C., YAŞAR H., koç u., AKTUNAN S., GÖK G., EREL Ö.  
KBUD ULUSLARARASI KONGRELAB EXPO 2019, 2 - 05 October 2019
- VII. **Mİgrende beyaz cevher lezyonlarının oluşumundan iskemi sorumlu mu?**  
ERSOY A., MERTOĞLU C., Akturan S., Gök G., Erel Ö., YAŞAR H., KOÇ U.  
Uluslararası KBUD kongresi ve LAB Expo 2019, Sakarya, Turkey, 2 - 05 October 2019, pp.98
- VIII. **Measurement of myo-inositol oxygenase as an early biomarker in renal ischemia - reperfusion injury in rats**  
MERTOĞLU C., ÖZMEN Z. C., FIRAT F., ARICI A., ÜNSAL v., ERDEMİR F.  
Euromedlab 2019 Barcelona, Barcelona, Spain, 19 - 23 May 2019, vol.493, pp.482-483
- IX. **ANALYSIS OF PREANALYTIC ERRORS BY DIFFERENT AUTOANALYZER AND SAMPLE TYPES**  
MERTOĞLU C.  
TBS International Biochemistry Congress 2018 - 29th National Biochemistry Congress, 26 - 30 October 2018
- X. **Vitamin D Supplementation Does Not Improve Plasma Thiol/Disulfide Homeostasis**

MERTOĞLU C., ŞİRANLI G., topal i., GÖK g., EREL Ö.

5th EFLM-UEMS European Joint Congress In Laboratory Medicine, 10-13 October 2018, Antalya-TURKEY, 10 - 13 October 2018

- XI. **Does Extracorporeal Shockwave Lithotripsy Therapy Affect Thiol-Disulfide Homeostasis?**  
BOZKURT A., MERTOĞLU C., mehmet k., Şiranlı G., yurt e. f., EREL Ö.  
KBUD Uluslararası Katılımlı Kongre Lab Expo 2018, Antalya, Turkey, 1 - 04 October 2018
- XII. **Serbest prostat spesifik antijen testinin gereksiz istemi nasıl önlenir?**  
MERTOĞLU C., BOZKURT A.  
Güncel Androloji Sempozyumu, Bodrum, Turkey, 11 - 13 May 2018
- XIII. **Effect of methylprednisolone and heparin, used in experimental unilateral testicular ischemia-reperfusion injury, on oxidative stress in the kidney, liver and contralateral testis**  
MERTOĞLU C.  
7th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels, Antalya, Turkey, 20 - 23 April 2018
- XIV. **Endocan, a New Marker for Inflammation and Endothelial Dysfunction, Increases in Fibromyalgia**  
MERTOĞLU C., GÜNAY M., GÖK O.  
KLİNİK BİYOKİMYA UZMANLARI DERNEĞİ ULUSLARARASI KATILIMLI KONGRE LAB EXPO 2017, 1 - 05 October 2017
- XV. **Evaluation of The Effect of Retrograde Intrarenal Surgery with Myo-Inositol Oxygenase**  
MERTOĞLU C., BOZKURT A., KESKİN E., GÜNAY M.  
KLİNİK BİYOKİMYA UZMANLARI DERNEĞİ ULUSLARARASI KATILIMLI KONGRE LAB VE EXPO 2017, Antalya, Turkey, 1 - 05 October 2017
- XVI. **Vitamin D level in pregnancy, gestational diabetes and women of reproductive age**  
MERTOĞLU C., GÜNAY M., KULHAN M.  
KLİNİK BİYOKİMYA UZMANLARI DERNEĞİ ULUSLARARASI KATILIMLI KONGRE LAB EXPO 2017 - 5 Ekim 2017, Antalya, 1 - 05 October 2017
- XVII. **The Relationship Between Vitamin D and Human Papilloma Virus Infection**  
MERTOĞLU C., ARSLAN NAYKI Ü., NAYKI C., GÜNAY M.  
KLİNİK BİYOKİMYA UZMANLARI DERNEĞİ ULUSLARARASI KATILIMLI KONGRE LAB EXPO 2017, 1 - 05 October 2017
- XVIII. **Tramadol Hidrokloridin, İnsan Eritrosit Karbonik Anhidraz I ve II İzoenzimleri üzerine İn Vitro Etkisinin Belirlenmesi**  
Özkan R., KUZUCU M., MERTOĞLU C., ÇOBAN T. A., ÇANKAYA M.  
Uluslararası Biyokimya Kongresi 2017, 19 - 23 September 2017
- XIX. **Gebelikte, Gestasyonel Diyabette Ve Üreme Çağı Kadınlarında D Vitamini Düzeyi**  
MERTOĞLU C., GÜNAY M., KULHAN M.  
International Biochemistry Congress - 2017 / 28 th National Biochemistry Congress, 19 - 23 September 2017
- XX. **Does Myo-Inositol Oxygenase Enzyme Play A Role In The Aetiology Of Polycystic Ovarian Syndrome?**  
MERTOĞLU C., GÜNAY M., GÜL V., KULHAN M., AKTAŞ M., ÇOBAN T. A.  
International Biochemistry Congress - 2017 / 28 th National Biochemistry Congress, 19 - 23 September 2017
- XXI. **Subclinic inflammation and oxidative stress increase in rainy and moisture air**  
MERTOĞLU C., GÜNAY M., GÜL V., SÜLEYMAN H., ÇOBAN T. A.  
International Biochemistry Congress - 2017 / 28 th National Biochemistry Congress, Erzurum, Turkey, 19 - 23 September 2017
- XXII. **Investigation of the effects of 50 g glucose challenge test by thiol/disulfide homeostasis measurement in pregnancy**  
MERTOĞLU C., GÜNAY M., ŞİRANLI G., KULHAN M., GÖK G., EREL Ö.  
International Biochemistry Congress - 2017 / 28 th National Biochemistry Congress, 19 - 23 September 2017
- XXIII. **Determination of In Vitro Effect of Tramadol Hydrochloride on Human Erythrocyte Carbonic Anhydrase I and II Isoenzymes**  
ÖZKAN R., KUZUCU M., MERTOĞLU C., ÇOBAN T. A., ÇANKAYA M.  
International Biochemistry Congress - 2017 / 28 th National Biochemistry Congress, 19 - 23 September 2017

- XXIV. **AKUT BÖBREK HASARINDA SERUM ENDOKAN VE D VİTAMİNİ DÜZEYLERİ**  
GÜNAY M., MERTOĞLU C.  
ULUSLARARASI KATILIMLI 17. KLİNİK BİYOKİMYA KONGRESİ, Girne, Cyprus (Kktc), 4 - 07 May 2017, vol.15, pp.85
- XXV. **MYO-INOSITOL OXYGENASE AS A NOVEL MARKER IN DIAGNOSIS OF ACUTE KIDNEY INJURY**  
MERTOĞLU C., GÜNAY M., Güngör M., GÜREL A.  
EuroMedLab Athens 2017, 11 - 15 June 2017
- XXVI. **Gestasyonel diyabetes mellitus hastalarında nötrofil lenfosit oranı ortalama trombosit hacmi ve solubıl interlökin 2 reseptörü ölçümü**  
MERTOĞLU C., GÜNAY M., güngör m., KULHAN M., kulhan n.  
Uluslararası Katımlı Gebelik Doğum ve Lohusalık Kongresi, Ankara, Turkey, 2 - 04 December 2016
- XXVII. **Ischemic modified albumin and some hematological parameters in acute kidney injury**  
MERTOĞLU C., GÜNAY M., GÜREL a., GUNGOR m.  
KLİNİK BİYOKİMYA UZMANLARI DERNEĞİ ULUSLARARASI KATILIMLI KONGRE LAB EXPO 2016, Trabzon, Turkey, 27 September - 01 October 2016
- XXVIII. **Neutrophil-lymphocyte ratio and platelet-lymphocyte ratio are useful predictive markers in prediabetes and diabetes**  
MERTOĞLU C., GUNAY M.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.243
- XXIX. **Sol Ventrikül Hipertrofinin Eşlik Ettiği Esansiyel Hipertansiyon Hastalarında ADMA ve İskemi Modifiye Albumin Düzeyleri Sigaranın Etkisi**  
KÜSKÜ KİRAZ Z., ALTUNTAŞ e., BENGÜ A. Ş., MERTOĞLU C., ÇİFTÇİ Ç.  
ULUSLARARASI KATILIMLI 16. KLİNİK BİYOKİMYA KONGRESİ IATDMCT REGIONAL MEETING, KUŞADASI, Turkey, 5 - 08 May 2016
- XXX. **Etanol Ölçümünde Enzimatik UV yöntemi Gaz Kromatografisine alternatif midir**  
GÜNAY M., ÖZÇELİK F., MERTOĞLU C., SERDAR M. A., ARSLAN E., ONUR i.  
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BUDAK C., TETİK S., MERTOĞLU C., UÇAN F., Project Supported by Higher Education Institutions, Kayak Sporlu ile

Uğraşanlarda D Vitamini Testosteron Kortizol Düzeyinin Sporsal Performans İlişkisi, 2019 - 2022

TAŞLI N. G., MERTOĞLU C., KARAKURT Y., AĞCAYAZI S. B., UÇAK T., İÇEL E., Project Supported by Higher Education Institutions, Yaşa bağlı makula dejenerasyonuYBMD tanılı hastalarda Endocan Periostin ve VEGF düzeylerinin değerlendirilmesi, 2019 - 2022

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MERTOĞLU C., GÜNAY M., GÜREL A., Project Supported by Higher Education Institutions, Akut Böbrek Hasarı Tanısında myoinositol oksijenaz Ölçümü, 2016 - 2017

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## Activities in Scientific Journals

Arch Basic Clin Res, Assistant Editor/Section Editor, 2019 - Continues

## Metrics

Publication: 81

Citation (WoS): 125

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H-Index (WoS): 6

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