

# Prof. CUMA MERTOĞLU

## Personal Information

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## International Researcher IDs

ORCID: 0000-0003-3497-4092

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, Turkey 2012 - 2019

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

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

## Dissertations

Doctorate, Ratlarda böbrek iskemi-reperfüzyon hasarında erken bir biyobelirteç olarak MYO-inositol oksijenaz düzeyi, Tokat Gaziosmanpaşa University, Graduate School Of Educational Sciences, 2019

Expertise In Medicine, Yüksek doz metilprednizolonun tavşan kalp dokusunda oluşturduğu hasar üzerine melatoninin koruyucu etkileri, Tokat Gaziosmanpaşa University, School Of Medicine, 2013

## Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry

## Academic Titles / Tasks

Professor, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 2024 - Continues

Associate Professor, Inonu University, Tıp Fakültesi, Temel Tıp Bilimleri, 2021 - 2024

Associate Professor, Erzincan Binali Yildirim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2019 - 2021

Assistant Professor, Erzincan Binali Yildirim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2015 - 2019

Research Assistant PhD, Tokat Gaziosmanpaşa University, School Of Medicine, 2009 - 2013

## Courses

Biyokimya Son Gelişmeler, Undergraduate Minor, 2023-2024

Laboratuvar Yöntemleri, Undergraduate Double Major, 2023-2024

ENDOKRİN SİSTEM BİYOKİMYASI, Undergraduate Double Major, 2018-2019

TIBBİ BİYOKİMYA, Undergraduate, 2018-2019  
KOFAKTÖRLER VE TEPKİME MEKANİZMALARI, Undergraduate Double Major, 2018-2019  
KLİNİK BİYOKİMYA, Undergraduate, 2018-2019  
ENDOKRİN SİSTEM BİYOKİMYASI, Undergraduate Double Major, 2017-2018  
Tıbbi Biyokimya, Undergraduate, 2017-2018  
KOFAKTÖRLER VE TEPKİME MEKANİZMALARI, Undergraduate Double Major, 2016-2017  
ENDOKRİN SİSTEM BİYOKİMYASI, Undergraduate Double Major, 2016-2017  
Klinik Biyokimya, Undergraduate, 2016-2017  
ENDOKRİN SİSTEM BİYOKİMYASI, Undergraduate Double Major, 2015-2016  
KOFAKTÖRLER VE TEPKİME MEKANİZMALARI, Undergraduate Double Major, 2015-2016

## Advising Theses

Mertoğlu C., Pre-obez/ obez bireylerde non-alkolik karaciğer yağlanması adropin ve irisin rolü, Postgraduate, Y.ŞULE(Student), 2020  
Mertoğlu C., Diyabetik mikrovasküler komplikasyonlarda tiyol-disülfid dengesi, Postgraduate, G.ŞİRANLI(Student), 2019

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

- I. **Evaluation of the effect of 9.5/11.5-fr ureteral access sheath use on acute kidney injury with the myo-inositol oxygenase biomarker in patients undergoing retrograde intrarenal surgery: a prospective, randomized, and controlled study.**  
Turan A., Hirik E., Erdoğan A., Altun A., Mertoğlu C., Şam E., Atar M.  
Minimally invasive therapy & allied technologies : MITAT : official journal of the Society for Minimally Invasive Therapy, pp.1-7, 2024 (SCI-Expanded)
- II. **Analysis of Isotretinoin-Induced Alterations in the Levels of Plasma Trace Elements: Investigation of the Relationship Between Magnesium, Phosphorus, Potassium, Zinc, and Treatment-Related Side Effects.**  
Akman T. C., Yazici M., Atila A., Mertoglu C.  
Biological trace element research, 2024 (SCI-Expanded)
- III. **The Relationship Between Vitamin-D Deficiency and Protein Oxidation Among Obese Children**  
Surucu Kara I., Mertoglu C., Siranli G., Arslan Y. K., Gok G., Erel O.  
FETAL AND PEDIATRIC PATHOLOGY, 2023 (SCI-Expanded)
- IV. **Assessing the nitric oxide and asymmetric dimethylarginine levels in lifelong premature ejaculation: A prospective study.**  
Erdogan A., Keskin E., Sambel M., Mertoglu C.  
Revista internacional de andrologia, vol.20, no.4, pp.225-230, 2022 (SCI-Expanded)
- V. **What is the impact and efficacy of routine immunological, biochemical and hematological biomarkers as predictors of COVID-19 mortality?**  
HUYUT M. T., Huyut Z., İLKBAHAR F., Mertoglu C.  
INTERNATIONAL IMMUNOPHARMACOLOGY, vol.105, 2022 (SCI-Expanded)
- VI. **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)
- VII. **Adipokines, inflammation, oxidative stress: critical components in obese women with metabolic syndrome**  
KARAHAN YILMAZ S., Eskici G., MERTOĞLU C., AYAZ A.  
PROGRESS IN NUTRITION, vol.23, no.1, 2021 (SCI-Expanded)

- VIII. **How do routine laboratory tests change in coronavirus disease 2019?**  
MERTOĞLU C., HUYUT M. T., Arslan Y., CEYLAN Y., ÇOBAN T. A.  
SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION, vol.81, no.1, pp.24-33, 2021 (SCI-Expanded)
- IX. **Effect of different protein diets on weight loss, inflammatory markers, and cardiometabolic risk factors in obese women**  
KARAHAN YILMAZ S., ESKİCİ G., MERTOĞLU C., AYAZ A.  
JOURNAL OF RESEARCH IN MEDICAL SCIENCES, vol.26, no.1, 2021 (SCI-Expanded)
- X. **Thiols and ceruloplasmin levels in serum of children with attention deficit hyperactivity disorder: A cross-sectional study**  
Ogutlu H., MERTOĞLU C., Gök G., NEŞELİOĞLU S.  
PSYCHIATRY RESEARCH, vol.294, 2020 (SCI-Expanded)
- XI. **Is ischemia associated with the formation of White matter lesions in migraine?**  
ERSOY A., YAŞAR H., MERTOĞLU C., Koc U., AKTURAN S., Gök G., EREL Ö.  
CLINICAL NEUROLOGY AND NEUROSURGERY, vol.193, 2020 (SCI-Expanded)
- XII. **Serum SCUBE-1 levels in patients with diabetic retinopathy**  
İcel E., İcel A., MERTOĞLU C., TAŞLI N. G., KARAKURT Y., Ucak T., Gunay M.  
INTERNATIONAL OPHTHALMOLOGY, vol.40, no.4, pp.859-865, 2020 (SCI-Expanded)
- XIII. **Effectiveness of myo-inositol oxygenase in the early diagnosis of experimental acute kidney injury**  
MERTOĞLU C., Özmen Z. C., Firat F., Arıcı A., Unsal V., Erdemir F.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.121, no.8, pp.565-570, 2020 (SCI-Expanded)
- XIV. **Thiol-Disulfide Homeostasis, Serum Ferroxidase Activity, and Serum Ischemia Modified Albumin Levels in Childhood Iron Deficiency Anemia**  
Topal I., MERTOĞLU C., Kara I. S., Gök G., EREL Ö.  
FETAL AND PEDIATRIC PATHOLOGY, vol.38, no.6, pp.484-489, 2019 (SCI-Expanded)
- XV. **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., Aydın 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)
- XVI. **Thiol-Disulfide Homeostasis and Serum Ischemia Modified Albumin Levels in Patients with Primary Open-Angle Glaucoma**  
KARAKURT Y., MERTOĞLU C., Gök G., Ucak T., TAŞLI N. G., İcel E., EREL Ö.  
CURRENT EYE RESEARCH, vol.44, no.8, pp.896-900, 2019 (SCI-Expanded)
- XVII. **Thiol-Disulfide Homeostasis, Serum Ferroxidase Activity, and Serum Ischemia Modified Albumin Levels in Neonatal Jaundice**  
Topal I., MERTOĞLU C., Kara I. S., Siranlı G., Gök G., EREL Ö.  
FETAL AND PEDIATRIC PATHOLOGY, vol.38, no.2, pp.138-145, 2019 (SCI-Expanded)
- XVIII. **Vitamin D supplementation does not improve plasma thiol/disulfide homeostasis**  
MERTOĞLU C., Siranlı G., Topal I., Gök G., EREL Ö.  
PEDIATRICS INTERNATIONAL, vol.60, no.11, pp.1008-1013, 2018 (SCI-Expanded)
- XIX. **Does extracorporeal shockwave lithotripsy therapy affect thiol-disulfide homeostasis?**  
BOZKURT A., MERTOĞLU C., Karabakan M., Siranlı G., Yurt E. F., EREL Ö.  
PAKISTAN JOURNAL OF MEDICAL SCIENCES, vol.34, no.5, pp.1070-1075, 2018 (SCI-Expanded)
- XX. **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., Gul V., Kulhan M., AKTAŞ M., ÇOBAN T. A.  
GYNECOLOGICAL ENDOCRINOLOGY, vol.34, no.5, pp.418-421, 2018 (SCI-Expanded)
- XXI. **Could Endocan, a Marker of Inflammation and Endothelial Dysfunction, be a New Diagnostic Marker for Fibromyalgia?**  
MERTOĞLU C., Gunay M., Yerligök O.

- CLINICAL LABORATORY, vol.64, no.3, pp.405-410, 2018 (SCI-Expanded)
- XXII. **Evaluation of the effect of Retrograde Intrarenal Surgery with Myo-Inositol Oxygenase**  
MERTOĞLU C., BOZKURT A., KESKİN E., Gunay M.  
PAKISTAN JOURNAL OF MEDICAL SCIENCES, vol.34, no.1, pp.170-174, 2018 (SCI-Expanded)
- XXIII. **The Effect of the 50 g Glucose Challenge Test on The Thiol/Disulfide Homeostasis in Pregnancy**  
MERTOĞLU C., Gunay M., Siranlı G., Kulhan M., Gok G., EREL Ö.  
FETAL AND PEDIATRIC PATHOLOGY, vol.37, no.3, pp.147-156, 2018 (SCI-Expanded)
- XXIV. **Ischemic modified albumin increases in acute kidney injury**  
MERTOĞLU C., Gunay M., Gurel A., Gungor M., Gul V.  
REVISTA ROMANA DE MEDICINA DE LABORATOR, vol.26, no.1, pp.37-43, 2018 (SCI-Expanded)
- XXV. **MYO-INOSITOL OXYGENASE AS A NOVEL MARKER IN THE DIAGNOSIS OF ACUTE KIDNEY INJURY**  
MERTOĞLU C., Gunay M., Gurel A., Gungor M.  
JOURNAL OF MEDICAL BIOCHEMISTRY, vol.37, no.1, pp.1-6, 2018 (SCI-Expanded)
- XXVI. **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)
- XXVII. **The association of plasma vitamin A and E levels with coronary collateral circulation**  
Sogut E., Kadi H., Karayakali M., MERTOĞLU C.  
ATHEROSCLEROSIS, vol.239, no.2, pp.547-551, 2015 (SCI-Expanded)
- XXVIII. **Melatonin and a single-high dose methylprednisolone effect on the oxidant-antioxidant system in the rabbit heart tissue**  
MERTOĞLU 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)
- XXIX. **Does ADMA affect the oxidant/antioxidant balance in rats?**  
Alacam H., Avci B., Salis O., Dilek A., Kozan A., MERTOĞLU C., Sahin M., Okuyucu A.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.43, no.3, pp.405-410, 2013 (SCI-Expanded)
- XXX. **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., MERTOĞLU C., Murat N., Salis O., Guzel A., et al.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.32, no.1, pp.53-61, 2013 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Anemia, inflammation, circadian rhythm and season effects in febrile convulsions**  
SÜRÜCÜ KARA İ., AYDIN PEKER N., ARSLAN Y. K., MERTOĞLU C.  
North Clin Istanbul, 2024 (ESCI)
- II. **Vitamin B12 Level in Children**  
SÜRÜCÜ KARA İ., AYDIN PEKER N., DOLĞUN İ., MERTOĞLU C.  
GUNCEL PEDIATRI, vol.21, 2023 (ESCI)
- III. **Study on Vitamin D, Cortisol and Testosterone Values in Male Skiers by Seasonal Cycles**  
BUDAK C., UÇAN İ., TETİK DÜNDAR S., MERTOĞLU C.  
The Online Journal of Recreation and Sport, vol.12, 2023 (Peer-Reviewed Journal)
- IV. **Oxyhemoglobin Dissociation Curve in COVID-19 Patients**  
ÜSTÜNDAĞ H., MERTOĞLU C., HUYUT M. T.  
MEANDROS MEDICAL AND DENTAL JOURNAL, vol.24, 2023 (Peer-Reviewed Journal)
- V. **Examining of some physical and physiological parameters of 10-18 years old male skiers to seasonal cycles**  
BUDAK C., TETİK DÜNDAR S., MERTOĞLU C.  
BALNEO AND PRM RESEARCH JOURNAL, vol.13, 2022 (Peer-Reviewed Journal)
- VI. **Evaluation the Effect of 50 g Glucose Tolerance Test on Oxidative Stress and Interleukin-8**

### **Parameters in Prediabetic Pregnancy**

ÖZMEN Z. C., MERTOĞLU C., AYDOĞAN L., NACAR M. C., DEVECİ K., KATAR M., ÖZSOY A. Z.  
Harran Üniversitesi Tıp Fakültesi Dergisi, 2022 (Peer-Reviewed Journal)

- VII. **Evaluation of Visceral Adiposity Indexes Associated with Atherogenic Plasma Index in Individuals with Type 2 Diabetes**  
KARAHAN YILMAZ S., ÖZÇİÇEK F., MERTOĞLU C., ARSLAN Y. K.  
DUZCE MEDICAL JOURNAL = DÜZCE TIP FAKÜLTESİ DERGISI, vol.24, pp.54-59, 2022 (Scopus)
- VIII. **Serviks Dokularında HPV DNA Pozitifliği ve Osteopontin Düzeyi Arasındaki İlişkinin Araştırılması**  
DEMİR E. T., AYDIN TERZİOĞLU M., KULHAN M., ÇIKMAN A., GÜLHAN B., KULHAN N. G., SAYAR İ., ARSLAN Y. K., MERTOĞLU C.  
Türk Mikrobiyoloji Cemiyeti Dergisi, vol.52, no.1, 2022 (Peer-Reviewed Journal)
- IX. **Evaluation of epicardial adipose tissue thickness and inflammatory parameters in smokers and non-smokers**  
SOYLU Y. E., COŞKUN R., ÖZÇİÇEK A., MERTOĞLU C., ARSLAN Y. K., ÖZÇİÇEK F.  
Medicine Science, vol.11, 2022 (Peer-Reviewed Journal)
- X. **Comparison of traditional and novel obesity-related indices for identification of metabolic syndrome in adults**  
KARAHAN YILMAZ S., ÖZÇİÇEK F., MERTOĞLU C.  
CUKUROVA MEDICAL JOURNAL, vol.47, no.1, pp.62-70, 2022 (ESCI)
- XI. **Comparison of serum Kim-1 and Miox levels in patients that underwent percutaneous nephrolithotomy and flexible ureterorenoscopy**  
ALTUN A., BOZKURT A., ERDOĞAN A., MERTOĞLU C., HİRİK E., KESKİN E., TURAN A.  
UROLOGIA, 2022 (ESCI)
- XII. **Platelet Activity Increases in Patients with Diabetic Retinopathy**  
ŞİRANLI G., MERTOĞLU C., ERSOY A., KARAKURT Y., ÖZÇİÇEK A., ÇOBAN T. A.  
ABC RESEARCH, vol.4, no.2, 2022 (Peer-Reviewed Journal)
- XIII. **COVID-19 is more dangerous for older people and its severity is increasing: a case-control study.**  
MERTOĞLU C., HUYUT M. T., ÖLMEZ H., TOSUN M., KANTARCI A., ÇOBAN T. A.  
Medical gas research, vol.12, no.2, pp.51-54, 2021 (ESCI)
- XIV. **Glucose metabolism and oncogenes in cancer**  
MERTOĞLU C.  
Annals of Medical Research, vol.28, 2021 (Peer-Reviewed Journal)
- XV. **Level of SARS-CoV-2 IgG Antibodies after a Two Doses CoronaVac Vaccine: Primarily Report**  
BİNAY U. D., KARAKEÇİLİ F., BARKAY O., GÜL Ö., MERTOĞLU C.  
Journal of Antivirals & Antiretrovirals, vol.13, no.18, 2021 (Peer-Reviewed Journal)
- XVI. **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)
- XVII. **Is there a role of antisperm antibodies in women with unexplained infertility - a Turkish pilot cross sectional case control study**  
ATA N., TÜRKLER C., ULUĞ P., MERTOĞLU C.  
Annals of Medical Research, vol.28, 2021 (Peer-Reviewed Journal)
- XVIII. **The role of protein oxidation in the development of diabetic microvascular complications**  
Mertoglu C., Siranli G., ÇOBAN T. A., KARAKURT Y., ERSOY A., ÖZÇİÇEK A., Arslan Y., Gok G., EREL Ö.  
NORTHERN CLINICS OF ISTANBUL, vol.8, no.5, pp.500-506, 2021 (ESCI)
- XIX. **The Effects Of High Fructose Corn Syrup Consumption On Human Health**  
ÖREK Y. Ş., MERTOĞLU C.  
Van Tıp Dergisi, vol.27, no.3, pp.371-382, 2020 (Peer-Reviewed Journal)
- XX. **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)
- XXI. **Analysis of preanalytical errors by different autoanalyzer and sample types**  
MERTOĞLU C.  
JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, 2019 (ESCI)
- XXII. **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., GÖK G., EREL Ö.  
Glokom-Katarakt/Journal of Glaucoma-Cataract, 2019 (Peer-Reviewed Journal)
- XXIII. **Increase of endocan, a new marker for inflammation and endothelial dysfunction, in acute kidney injury.**  
GÜNAY M., MERTOĞLU C.  
Northern Clinics of Istanbul, vol.6, pp.124-128, 2019 (ESCI)
- XXIV. **Erzincan Bölgesindeki Çocukların D Vitamini Seviyelerinin Yaş, Cinsiyet ve Mevsimlere Göre Değerlendirilmesi**  
TOPAL I., MERTOĞLU C., ARSLAN Y. K., GÜMÜŞ A., SÜRÜCÜ KARA İ., AYDIN PEKER N.  
FİRAT MEDICAL JOURNAL, 2018 (Peer-Reviewed Journal)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **THE RELATIONSHIP BETWEEN VITAMIN D AND HUMAN PAPILLOMA VIRUS INFECTION**  
MERTOĞLU C., ARSLAN NAYKI Ü., NAYKI C., GÜNAY M.  
JOURNAL OF CLINICAL AND ANALYTICAL MEDICINE, vol.8, pp.538-540, 2017 (ESCI)
- XXIX. **Neutrophil Lymphocyte ratio and Platelet Lymphocyte ratio as useful predictive markers of prediabetes and diabetes mellitus**  
MERTOĞLU C., GÜNAY M.  
Diabetes & Metabolic Syndrome: Clinical Research & Reviews, vol.11, 2017 (ESCI)
- XXX. **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., ATA N., ULUĞ P., MERTOĞLU C.  
Archives of Medical Science - Civilization Diseases, vol.1, pp.62-69, 2017 (Peer-Reviewed Journal)
- XXXI. **Yeni Tespit Esansiyel Hipertansiyon ile Sigara, Asimetrik Dimetil Arginin ve İskemik Modifiye Albumin Arasındaki İlişki**  
ALTUNTAŞ E., BENGÜ A. Ş., KÜSKÜ KIRAZ Z., MERTOĞLU C., DALAR L., USALP S., ÇİFTÇİ Ç.  
İstanbul Tıp Dergisi, vol.18, no.2, pp.86-90, 2017 (ESCI)
- XXXII. **A Study of Inflammatory Markers in Gestational Diabetes Mellitus**  
MERTOĞLU C., GÜNAY M., GÜNGÖR M., KULHAN M., KULHAN N. G.  
Gynecology Obstetrics Reproductive Medicine, pp.1, 2016 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Hemobiyokimya**  
MERTOĞLU C.

in: Temelden Kliniğe Hemopoietik Sistem, Yakıncı Cengiz, Tekin Mehmet, Editor, Nobel Tıp Kitabevleri, İstanbul, pp.46-63, 2024

**II. Nörobijokimya**

MERTOĞLU C.

in: Temelden kliniğe sinir sistemi, Cengiz Yakıncı, Lokman H tanrıverdi, Editor, Nobel Tıp Kitabevleri, pp.101-113, 2023

**Refereed Congress / Symposium Publications in Proceedings**

- I. Prediction of Blood Tacrolimus Level After Liver Transplantation with Machine Learning Models Using Routine Laboratory Tests**  
MERTOĞLU C., KATIRCI H. C., ARSLAN A. K., TAŞKAPAN M. Ç.  
XXXIII. WASPaLM World Congress & XXIV. National Clinical Biochemistry, Antalya, Turkey, 16 - 20 October 2024, vol.22, pp.93
- II. Immunosuppressive Drug Use in Kidney Transplantation and the Role of Laboratory**  
MERTOĞLU C.  
XXXIII. WASPaLM World Congress & XXIV. National Clinical Biochemistry, Antalya, Turkey, 16 October 2024, vol.22, pp.277-278
- III. Transplant sonrası kullanılan immünsüpresif ilaçların biyokimyasal testlere analitik etkileri**  
MERTOĞLU C.  
KBUD Kongre & LAB EXPO 2023, Antalya, Turkey, 20 - 23 November 2023
- IV. Ratlarda Siklofosamid ile İndüklenen Oksidatif Akciğer Hasarına Likopenin Etkisi**  
TATOĞLU Y., MERTOĞLU C., ÇOBAN T. A., KESKİN ÇİMEN F., SÜLEYMAN Z., ALTUNER D.  
KBUD Kongre & LAB EXPO 2022 8OXVDO.DOÖWVDO0HWDEROLN+DVWDOÖNODU/DERUDWXYDUÖ Sempozyumu, Antalya, Turkey, 03 October 2022
- V. Obez Bireylerde Nonalkolik Hepatosteozda Adropin ve İrisinin Rolü**  
Örek Y. Ş., MERTOĞLU C., ALBAYRAK B., ARSLAN Y. K., ÇOBAN T. A.  
31. Ulusal Biyokimya Kongresi, Turkey, 18 - 20 December 2020
- VI. Thiol-disulfide homeostasis in diabetic microvascular complications**  
MERTOĞLU C., Şiranlı G., ÇOBAN T. A., KARAKURT Y., ERSOY A., ÖZÇİÇEK 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
- VII. 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
- VIII. Serum SCUBE-1 levels in patients with diabetic retinopathy**  
İÇEL E., İÇEL A., MERTOĞLU C., TAŞLI N. G., KARAKURT Y., UÇAK T., GÜNAY M.  
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## **Metrics**

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