

## Prof. CANAN YILMAZ

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAT-7788-2020

ScopusID: 44462209900

Yoksis Researcher ID: 137618

### Education Information

Expertise In Medicine, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 2004 - 2009

Undergraduate, Akdeniz University, Faculty Of Medicine, Tıp Pr., Turkey 1993 - 1999

### Dissertations

Expertise In Medicine, Kafeinin rat karaciğerinde oksidan-antioksidan mekanizmalara etkisi, Gazi University, Tıp Fakültesi, 2009

### Research Areas

Health Sciences

### Academic Titles / Tasks

Professor, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2022 - Continues

Associate Professor, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2017 - 2022

Lecturer PhD, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2012 - 2014

Expert, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2011 - 2012

Research Assistant, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2004 - 2009

### Academic and Administrative Experience

Yıl Koordinatörü, Gazi University, Tıp Fakültesi, 2013 - 2019

### Courses

PANKREAS HORMONLARI, Undergraduate, 2017 - 2018

KARACİĞER FONKSİYON TESTLERİ, Undergraduate, 2017 - 2018  
MEMBRAN VE TRANSPORT, Undergraduate, 2017 - 2018, 2016 - 2017  
PİRİMİDİN BİYOSENTEZİ VE KATABOLİZMASI, Undergraduate, 2017 - 2018  
TEMEL BİYOKİMYA DERSLERİ-2, Undergraduate, 2017 - 2018  
BOS BİYOKİMYASI, Undergraduate, 2017 - 2018  
SPEKTROFOTOMETRE, Undergraduate, 2017 - 2018, 2016 - 2017  
PANKREAS HORMANLAR, Undergraduate, 2017 - 2018  
SERBEST RADİKALLER VE SAVUNMA SİSTEMLERİ, Postgraduate, 2017 - 2018  
ANORGANİK METABOLİZMASI, Undergraduate, 2017 - 2018, 2016 - 2017  
KLİNİK BİYOKİMYA DERSİ-2, Undergraduate, 2017 - 2018  
TEMEL BİYOKİMYA DERSLERİ-3, Undergraduate, 2017 - 2018  
PÜRİN VE PİRİMİDİN SENTEZİNİN REGÜLASYONU, Undergraduate, 2017 - 2018  
PÜRİN NÜKLEOTİDLERİN DENOVO SENTEZİ, Undergraduate, 2017 - 2018  
DİABETES MELLİTUS VE OBEZİTE, Undergraduate, 2017 - 2018  
TİROİD HORMONLARI, Undergraduate, 2017 - 2018  
TİROİD FONKSİYON TESTLERİNİN KLİNİK YORUMU, Undergraduate, 2017 - 2018  
TAM KAN SAYIMI VE PERİFERİK YAYMANIN DEĞERLENDİRİLMESİ, Undergraduate, 2017 - 2018  
BİYOENERJETİKLER, Postgraduate, 2017 - 2018  
STEROİDLER, Undergraduate, 2017 - 2018  
HÜCRE İÇİ VE HÜCRE DIŞI SIVILAR VE BİLEŞİMLERİ, Undergraduate, 2017 - 2018, 2016 - 2017  
HİPOTALAMUS VE HİPOFİZ HORMONLARI, Undergraduate, 2017 - 2018  
KAS DOKUSU BİYOKİMYASI, Undergraduate, 2017 - 2018, 2016 - 2017  
METOD KURMA VE GELİŞTİRME DERSİ-1, Undergraduate, 2017 - 2018  
NÜKLEİK ASİTELERİN SİNDİRİMİ, Undergraduate, 2017 - 2018  
SERUMDA INORGANİK FOSFAT TAYİNİ, Undergraduate, 2017 - 2018, 2016 - 2017  
BİYOMEMBRANLAR VE TRANSPORT, Doctorate, 2017 - 2018  
NÜKLEİK ASİT BİYOKİMYASI, Undergraduate, 2017 - 2018  
PH METRE, Undergraduate, 2017 - 2018, 2016 - 2017  
BİYOMEMBRANLAR VE TRANSPORT, Postgraduate, 2017 - 2018  
OKSİDAN STRES VE LÖKOSİT BİYOKİMYASI, Undergraduate, 2017 - 2018, 2016 - 2017  
ATHEROSKLEROZİS BİYOKİMYASI, Undergraduate, 2017 - 2018, 2016 - 2017  
PENTOZ FOSFAT YOLU, Undergraduate, 2017 - 2018  
PÜRİN KATABOLİZMASI, Undergraduate, 2017 - 2018  
PORFİRİN SENTEZİ VE KATABOLİZMASI, Undergraduate, 2017 - 2018  
Glycine syhtesis, catabolism utilization of synthetic reaction, Undergraduate, 2016 - 2017  
Free radical metabolism and related disease, Undergraduate, 2016 - 2017  
Measurement methods of hormon tests and prenatal screening tests, Undergraduate, 2016 - 2017  
Koagülasyon parametreleri ölçüm yöntemleri ve değerlendirilmesi, Undergraduate, 2016 - 2017  
Spectrophotometer, Undergraduate, 2016 - 2017  
BİYOENERJETİK, Postgraduate, 2016 - 2017  
Inorganic metabolism, Undergraduate, 2016 - 2017  
Intracellular and extracellular fluids and their compositions, Undergraduate, 2016 - 2017  
Membrane and transport, Undergraduate, 2016 - 2017  
Aspartate, Asparagine, Glutamate, Glutamine, Proline, Hydroxyproline, Arginine, Undergraduate, 2016 - 2017  
Muscle tissue biochemistry, Undergraduate, 2016 - 2017  
Coagulation parameters measurement methods and interpretations, Undergraduate, 2016 - 2017  
SERBEST RADİKALLER VE SAVUNMA SİSTEMLERİ, Doctorate, 2016 - 2017  
Determination of serum inorganic phosphate, Undergraduate, 2016 - 2017  
Ph meter, Undergraduate, 2016 - 2017

## Advising Theses

- Yılmaz C., Effect Of Aerobic Exercise On Fructose Induced Metabolic Syndrome Components Through Liver Fgf-21 And Pgc-1 $\alpha$  Expression, Expertise In Medicine, D.Belkıs(Student), 2020
- Yılmaz C., The Effects Of Quercetin On Liver Fgf21 Expression And Pgc1 $\alpha$  Level In High Fructose Fed Rats, Postgraduate, K.KOCAMAN(Student), 2019
- Yılmaz C., Fruktöz ile indüklenmiş deneysel metabolik sendrom modelinde kersetinin oksidatif stres parametreleri üzerine etkisi, Postgraduate, F.DENİZ(Student), 2018

## Jury Memberships

- Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, May, 2024
- Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Atılım Üniversitesi, April, 2024
- Associate Professor Exam, Associate Professor Exam, Maltepe Üniversitesi, December, 2023
- Associate Professor Exam, Associate Professor Exam, Gazi University, May, 2023
- Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Gazi Üniversitesi, May, 2023

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

- I. **Elevated Serum Syndecan-1 Levels Are Associated with Obesity-Related Complications in Children**  
Erol M., Tenekeciğil A., Ozel A., Gayret O. B., Yuce O., Yılmaz C.  
Iranian Journal of Pediatrics, vol.35, no.1, 2025 (SCI-Expanded)
- II. **Effects of kefir consumption on gut microbiota and health outcomes in women with polycystic ovary syndrome**  
Daziroglu M. E. C., TEK N., Akdulum M. F., YILMAZ C., YALINAY A. M.  
FOOD SCIENCE & NUTRITION, vol.12, no.8, pp.5632-5646, 2024 (SCI-Expanded)
- III. **The Prevalence, Risk Factors and Cardiometabolic Complications of Obesity in Childhood Survivors of Acute Lymphoblastic Leukemia**  
Cebeci D., KAYA Z., BİDECİ A., KOÇAK Ü., YILMAZ C., GÜRSEL T.  
Indian Journal of Hematology and Blood Transfusion, vol.40, no.3, pp.415-422, 2024 (SCI-Expanded)
- IV. **Acyl ghrelin, desacyl ghrelin and their ratio affect hepatic steatosis via PPAR $\gamma$  signaling pathway**  
Elibol E., Akdevelioğlu Y., Yılmaz C., Narlı B., Şen S., Take Kaplanoğlu G., Seymen C. M.  
Arab Journal of Gastroenterology, vol.25, no.2, pp.109-117, 2024 (SCI-Expanded)
- V. **Improvement of post-analytical phase by means of an algorithm based autoverification**  
Yılmaz N. S., Sen B., Arslan B., Bulut T. S. D., Narlı B., Afandiyeva N., Koca G., Yılmaz C., Gülbahar Ö.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.48, no.6, pp.626-633, 2024 (SCI-Expanded)
- VI. **A new technology for the treatment of premature ovarian insufficiency: Cell sheet**  
Tokdemir Çalış P., Arik G. N., Seymen C. M., Bayrak G. K., Akdere O. E., Yılmaz C., Yar Sağlam A. S., Gümüşderelioğlu M., Take Kaplanoğlu G.  
CELL AND TISSUE RESEARCH, vol.395, no.1, pp.117-131, 2024 (SCI-Expanded)
- VII. **The correlation analysis between alterations of serum vitamin D, IL-33 levels, and clinical improvement after narrow-band UVB treatment in vitiligo patients: A case-control study**  
Soyer E., Temel B., BUKAN N., YILMAZ C., GÜLEKON A.  
PHOTODERMATOLOGY PHOTOIMMUNOLOGY & PHOTOMEDICINE, vol.40, no.1, 2024 (SCI-Expanded)
- VIII. **The Role of Anxiety Scales and Serum Copeptin Levels in Determining the Preprocedure Anxiety Status of Patients Who Undergo Fiberoptic Bronchoscopy and Endobronchial Ultrasonography**  
Kodalak Cengiz S., YILMAZ C., YURDAKUL A. S.

International Journal of Clinical Practice, vol.2024, 2024 (SCI-Expanded)

- IX. **A rat study on the PTEN expression in ovarian tissue in PCOS and folliculogenesis**  
Namlı Kalem M., Anadol E., Kalem Z., Sezginer P. Y., Elmas Ç., Yılmaz C., Bakirarar B.  
Scientific Reports, vol.13, no.1, 2023 (SCI-Expanded)
- X. **Effect of curcumin on plasma TBARS and IL-6, adipose tissue AFABP-4 and liver FGF-21 in fructose-induced metabolic syndrome rats**  
Severcan S. M., Koca G., Severcan C., TUZ YILMAZ C., Pasaoglu O., PAŞAOĞLU H.  
INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY, no.8, pp.640-645, 2023 (SCI-Expanded)
- XI. **Effects of quercetin on hepatic fibroblast growth factor-21 (FGF-21) and peroxisome proliferator-activated receptor gamma coactivator 1-alpha (PGC-1 $\alpha$ ) levels in rats fed with high fructose**  
Kocaman Kalkan K., Şen S., Narlı B., Seymen C. M., Yılmaz C.  
Molecular Biology Reports, vol.50, no.6, pp.4983-4997, 2023 (SCI-Expanded)
- XII. **Antiproliferative, anti-inflammatory, antitumoral and proapoptotic effects of calcitriol on MCF-7 and MCF-10A cell lines**  
Fatsa T., Hosbul T., Elci P. M., Oren S., Unat I., Yılmaz C.  
INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY, vol.61, no.5, pp.320-328, 2023 (SCI-Expanded)
- XIII. **Low and Moderate Doses of Caffeinated Coffee Improve Repeated Sprint Performance in Female Team Sport Athletes**  
Karayığit R., Forbes S. C., Osmanov Z., Yılmaz C., Yaşlı B. Ç., Naderi A., Buyukcelebi H., Benesova D., Gabrys T., Esen O.  
BIOLOGY-BASEL, vol.11, no.10, 2022 (SCI-Expanded)
- XIV. **The effects of Mediterranean diet on hepatic steatosis, oxidative stress, and inflammation in adolescents with non-alcoholic fatty liver disease: A randomized controlled trial**  
Yurtdaş G., Akbulut G., Baran M., Yılmaz C.  
PEDIATRIC OBESITY, vol.17, no.4, 2022 (SCI-Expanded)
- XV. **Effects of exercise and quercetin on muscle energy charge in metabolic syndrome model of rats**  
ER F., ÇİMEN B., YILMAZ C., ZORBA E., Turkozkan N.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.47, no.1, pp.33-39, 2022 (SCI-Expanded)
- XVI. **Effect of Exercise and Quercetin in Rats with Metabolic Syndrome Induced with Fructose**  
Er F., Zorba E., Günay M., Koz M., Yılmaz C., Pasaoglu O. T., Turkozkan N.  
METABOLIC SYNDROME AND RELATED DISORDERS, vol.20, pp.57-66, 2022 (SCI-Expanded)
- XVII. **Breast Milk Protein Percentiles According to Gestational and Postnatal Age: Could It Be Used as a New Alternative in Guided Fortification?**  
Arikan K., Türkyılmaz C., Yılmaz C., Onal E. E., Ergenekon N. E., Hırfanoğlu İ. M., Koç E.  
INDIAN JOURNAL OF PEDIATRICS, vol.89, no.1, pp.80-82, 2022 (SCI-Expanded)
- XVIII. **An important source of preanalytical error in medical laboratories: centrifugation**  
Sonmez C., Gumus A., Senes M., Aykal G., TANELİ F., AKSUNGAR F., Avci E., Coskun C., Cinaroglu I., Colak A., et al.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.46, no.4, pp.399-405, 2021 (SCI-Expanded)
- XIX. **Different pre-analytical techniques and the results of 50 g oral glucose challenge tests**  
Eldem S., Oskovi-Kaplan Z. A., Engin-Ustun Y., YILMAZ C., Caglar A. T., Ozgu-Erdinc A. S.  
EUROPEAN JOURNAL OF CLINICAL INVESTIGATION, vol.51, no.6, 2021 (SCI-Expanded)
- XX. **TBS preanalytical phase working group survey study - preanalytical phase in coagulation laboratories**  
Senes M., Inal B. B., Aksungar F., Cinaroglu I., Eker P., Sonmez C., Aykal G., Hakligor A., Gumus A., Orhan B., et al.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.46, no.1, pp.11-19, 2021 (SCI-Expanded)
- XXI. **Comparison of HE 4, CA 125, ROMA score and ultrasound score in the differential diagnosis of ovarian masses**  
Aslan K., ONAN M. A., YILMAZ C., BUKAN N., ERDEM M.  
JOURNAL OF GYNECOLOGY OBSTETRICS AND HUMAN REPRODUCTION, vol.49, no.5, 2020 (SCI-Expanded)
- XXII. **Royal jelly increased map-2 expression in hippocampal neurons of hypothyroid rats: an immunohistochemical study.**  
Seymen C. M., Gundogdu A. C., Bulut D. İ., Demirtas C., Elmas Ç.

Biotechnic & histochemistry : official publication of the Biological Stain Commission, vol.95, no.1, pp.46-54, 2020 (SCI-Expanded)

- XXIII. **Effects of Kinesio Taping on the Relief of Delayed Onset Muscle Soreness: A Randomized, Placebo-Controlled Trial**  
Hazar Kanık Z., Çitaker S., Demirtas C., Bukan N., Çelik B., Günaydın G.  
JOURNAL OF SPORT REHABILITATION, vol.28, no.8, pp.781-786, 2019 (SCI-Expanded)
- XXIV. **Prediction of gestational diabetes mellitus in the first trimester: comparison of maternal fetuin-A, N-terminal proatrial natriuretic peptide, high-sensitivity C-reactive protein, and fasting glucose levels**  
Kansu-Celik H., Ozgu-Erdinc A. S., Kisa B., Findik R. B., YILMAZ C., Tasci Y.  
ARCHIVES OF ENDOCRINOLOGY METABOLISM, vol.63, no.2, pp.121-127, 2019 (SCI-Expanded)
- XXV. **Levels of Glucagon-like Peptide 1 are Decreased in Macrosomic Neonates from Non-Diabetic Mothers**  
Aktulay A., Engin-Ustun Y., Yasar O. G., YILMAZ C., Erkaya S., Ozgu-Erdinc A. S.  
ZEITSCHRIFT FUR GEBURTSHILFE UND NEONATOLOGIE, vol.223, no.1, pp.48-53, 2019 (SCI-Expanded)
- XXVI. **Maternal nutrition and reproductive functions of female and male offspring**  
Kalem Z., Kalem M. N., Anadol E., Bakrarar B., Yilmaz C., Elmas Ç., Yalcinkaya P., Ruso H., Gurgan T.  
REPRODUCTION, vol.156, pp.353-364, 2018 (SCI-Expanded)
- XXVII. **Investigating the Effects of Two Different Pump Heads (Centrifugal vs. Roller Pump) on Hematological and Immunological Mechanisms**  
Demirtas H., Iriz E., Demirtas C., Erer D., Oktar L., Yener A., Arslan M.  
NIGERIAN JOURNAL OF CLINICAL PRACTICE, vol.21, no.7, pp.847-853, 2018 (SCI-Expanded)
- XXVIII. **Brain-Derived Neurotrophic Factor in Patients With Age-Related Macular Degeneration and Its Correlation With Retinal Layer Thicknesses**  
Tekin M. I., Sekeroglu M. A., Demirtas C., Tekin K., Doguizi S., Bayraktar S., Yilmazbas P.  
INVESTIGATIVE OPHTHALMOLOGY & VISUAL SCIENCE, vol.59, no.7, pp.2833-2840, 2018 (SCI-Expanded)
- XXIX. **The use of six sigma methodology to evaluate the analytical performances of clinical chemistry analyzers**  
GÜLBAHAR Ö., Kocabiyik M., Ciraci M. Z., Demirtas C., Ucar F., BAYRAKTAR N., Akbiyik F., Taslipinar M.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.43, no.1, pp.1-8, 2018 (SCI-Expanded)
- XXX. **Circulating gelatinases are not prognostic of treatment response and survival in locally advanced rectal cancer patients undergoing preoperative chemoradiotherapy**  
Ulger S., Kilic D., Demircioglu F., Demirtas C., PAŞAOĞLU Ö. T.  
JOURNAL OF CANCER RESEARCH AND THERAPEUTICS, vol.14, 2018 (SCI-Expanded)
- XXXI. **The effects of resveratrol on hepatic oxidative stress in metabolic syndrome model induced by high fructose diet**  
Demirtas Y. C., Bircan F. S., Pasaoglu O. T., Turkozkan N.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.119, no.1, pp.36-40, 2018 (SCI-Expanded)
- XXXII. **Serum markers of inflammation and oxidative stress in sarcopenia**  
Can B., Kara O., Kizilarslanoglu M. C., Arik G., Aycicek G. S., Sumer F., Civelek R., Demirtas C., Ulger Z.  
AGING CLINICAL AND EXPERIMENTAL RESEARCH, no.4, pp.745-752, 2017 (SCI-Expanded)
- XXXIII. **Serum Total Sialic Acid Level is Elevated in Hypothyroid Patients as an Atherosclerotic Risk Factor**  
Altay M., Karakoç M. A., Cakir N., Demirtas C., Cerit E. T., Akturk M. Y., Ates I., Bukan N., Arslan M.  
JOURNAL OF CLINICAL LABORATORY ANALYSIS, vol.31, no.2, 2017 (SCI-Expanded)
- XXXIV. **Pentoxifylline attenuates mucosal damage in an experimental model of rat colitis by modulating tissue biomarkers of inflammation, oxidative stress, and fibrosis**  
Karatay E., Gul Utku O., Erdal H., ARHAN M., Onal I. K., İBİŞ M., EKİNCİ Ö., Yilmaz Demirtas C., DUMLU G. Ş.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.47, no.1, pp.348-356, 2017 (SCI-Expanded)
- XXXV. **Effect of serum YKL-40 on coronary collateral development and SYNTAX score in stable coronary artery disease**  
Akboğa M. K., Yalcin R., Şahinarslan A., Demirtas C., Abacı A.  
INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.224, pp.323-327, 2016 (SCI-Expanded)

- XXXVI. **Increased serum YKL-40 level is associated with the presence and severity of metabolic syndrome**  
Akboğa M. K., Yalçın R., Şahinarslan A., Demirtaş C., Paşaoğlu H., Abacı A.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.16, no.12, pp.953-958, 2016 (SCI-Expanded)
- XXXVII. **The effects of caffeine on the renal antioxidant activity in rats**  
Demir E. O., Demirtaş C., PAŞAOĞLU Ö. T.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.41, no.3, pp.216-222, 2016 (SCI-Expanded)
- XXXVIII. **Serum angiogenic profile in abnormal placentation**  
Biberoglu E., Kirbas A., Daglar K., Biberoglu K., Timur H., Demirtaş C., KARABULUT E., Danisman N.  
JOURNAL OF MATERNAL-FETAL & NEONATAL MEDICINE, vol.29, no.19, pp.3193-3197, 2016 (SCI-Expanded)
- XXXIX. **Evaluation of body composition changes, epicardial adipose tissue, and serum omentin-1 levels in overt hypothyroidism**  
Cerit E. T., Akturk M. Y., Altinova A., Tavil Y., Ozkan C., Yayla C., Altay M., Demirtaş C., Cakir N.  
ENDOCRINE, vol.49, no.1, pp.196-203, 2015 (SCI-Expanded)
- XL. **The oxidative stress index increases among patients with hyperemesis gravidarum but not in normal pregnancies**  
YILMAZ C., Ozgu-Erdinc A. S., Demirtaş C., Ozturk G., Erkaya S., Uygur D.  
REDOX REPORT, vol.20, no.3, pp.97-102, 2015 (SCI-Expanded)
- XLI. **Disturbed release of cholecystokinin in pregnant women with hyperemesis gravidarum**  
Biberoglu E., Kirbas A., Iskender C., Dirican A., Daglar H., Demirtaş C., Doganay B., Uygur D., Biberoglu K.  
JOURNAL OF OBSTETRICS AND GYNAECOLOGY RESEARCH, vol.41, no.4, pp.505-511, 2015 (SCI-Expanded)
- XLII. **Early diagnosis of testicular torsion in rats by measuring plasma d-dimer levels: comparative study with epididymitis**  
YILMAZ C., Hizli F., Afsarlar C. E., Demirtaş C., Apaydin S., Karaman I., Karaman A.  
JOURNAL OF PEDIATRIC SURGERY, vol.50, no.4, pp.651-654, 2015 (SCI-Expanded)
- XLIII. **The interplay among iron metabolism, endothelium and inflammatory cascade in dysmetabolic disorders**  
Yegin Z. A., Iyidir O. T., Demirtaş C., Suyani E., Yetkin I., Pasaoglu H., Ilhan C., Sucak G. T.  
JOURNAL OF ENDOCRINOLOGICAL INVESTIGATION, vol.38, no.3, pp.333-338, 2015 (SCI-Expanded)
- XLIV. **Rivaroxaban Induces Mucosal Healing in a Rat Model of Trinitrobenzene Sulfonic Acid-Induced Colitis**  
Utku O. G., Karatay E. A., Erdal H., ARHAN M., Onal I. K., İBİŞ M., EKİNCİ Ö., Demirtaş C., Unal S.  
MEDICAL PRINCIPLES AND PRACTICE, vol.24, no.5, pp.470-476, 2015 (SCI-Expanded)
- XLV. **Role of serum high density lipoprotein levels and functions in calcific aortic valve stenosis progression**  
Kucuk H. O., Kucuk U., Demirtaş C., Ozdemir M.  
INTERNATIONAL JOURNAL OF CLINICAL AND EXPERIMENTAL MEDICINE, vol.8, no.12, pp.22543-22549, 2015 (SCI-Expanded)
- XLVI. **Relationship between meconium staining and thymic stromal lymphopoietin**  
Aktulay A., Engin-Ustun Y., Ozkan M. S., Demirtaş C., Yenicesu O., Eyi E. G. Y., Mollamahmutoglu L.  
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.18, no.20, pp.3016-3018, 2014 (SCI-Expanded)
- XLVII. **Insulin resistance and its relationship with high molecular weight adiponectin in adolescents with polycystic ovary syndrome and a maternal history of polycystic ovary syndrome**  
Cankaya S., Demir B., Aksakal S. E., Dilbaz B., Demirtaş C., Goktolga U.  
FERTILITY AND STERILITY, vol.102, no.3, pp.826-830, 2014 (SCI-Expanded)
- XLVIII. **Relationship between plasma apelin level and coronary collateral circulation**  
Akboğa M. K., Akyel A., ŞAHİNARSLAN A., Demirtaş C., Yayla C., Boyacı B., Yalçın R.  
ATHEROSCLEROSIS, vol.235, no.2, pp.289-294, 2014 (SCI-Expanded)
- XLIX. **Umbilical CORD S100B levels in active and passive smoker women**  
Kahyaoglu I., Kayikcioglu F., Gucel F., Demirtaş C., Ozdemirci S., Mollamahmutoglu L.  
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.18, no.5, pp.723-727, 2014 (SCI-

Expanded)

- L. **Effects of adrenomedullin and vascular endothelial growth factor on ischemia/reperfusion injury in skeletal muscle in rats**  
Kirisci M., OKTAR G. L., Ozogul C., Oyar E. O., Akyol S. N., Demirtas C., ARSLAN M.  
JOURNAL OF SURGICAL RESEARCH, vol.185, no.1, pp.56-63, 2013 (SCI-Expanded)
- LI. **Apheresis-inducible cytokine pattern change in children with homozygous familial hypercholesterolemia**  
Kucukcongar A., Yenicesu I., TÜMER L., Kasapkara C. S., EZGÜ F. S., Pasaoglu O., Demirtas C., ÇELİK B., Dilsiz G., Hasanoglu A.  
TRANSFUSION AND APHERESIS SCIENCE, vol.48, no.3, pp.391-396, 2013 (SCI-Expanded)
- LII. **Volatile anesthetic preconditioning attenuated sepsis induced lung inflammation**  
BEDİRLİ N., Demirtas C., Akkaya T., Salman B., Alper M., BEDİRLİ A., PAŞAOĞLU H.  
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- LIII. **Influence of acupuncture on leptin, ghrelin, insulin and cholecystokinin in obese women: a randomised, sham-controlled preliminary trial**  
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6. Türkiye Tiroid Hastalıkları Kongresi ve Eugogo Kursu, Ankara, Turkey, 28 - 29 November 2014
- XXIV. **Evaluation of Body Composition Changes Epicardial Adipose Tissue and Serum Omentin 1 Levels in Hypothyroidism**  
CERİT E. T., AKTÜRK M. Y., TAVİL Y., EROĞLU ALTINOVA A., Yayla Ç., Altay M., Özkan Ç., YILMAZ-DEMİRTAŞ C., ÇAKIR N.  
The Endocrine Society's 96th Annual Meeting and Expo, Chicago, United States Of America, 21 - 24 June 2014
- XXV. **Aşık ve subklinik hipotiroidi hastalarında serum total sialik asit düzeyleri ve ateroskleroz risk faktörleri ile ilişkisi**  
Altay M., KARAKOÇ M. A., AKTÜRK M. Y., CERİT E. T., ÇAKIR N., YILMAZ-DEMİRTAŞ C., BUKAN N., Arslan M.  
36. Türkiye Endokrinoloji ve Metabolizma Hastalıkları Kongresi, Antalya, Turkey, 21 May 2014 - 25 May 2014
- XXVI. **The role of pre transplantation serum iron parameters and anti oxidative potential in early posttransplant toxicities**  
TURKOZ SUCAK G., AKI Ş. Z., PAŞAOĞLU H., ÖZKURT Z. N., YILMAZ-DEMİRTAŞ C., YEGİN Z. A., YAĞCI A. M.  
13th Congress of the European Hematology Association Copenhagen, Denmark, 12 - 15 June 2008

## Supported Projects

ANADOL E., YILMAZ C., KOZAN R., YASUL Y., ŞENEL Ö., YILMAZ B., Sarısoy F., Project Supported by Higher Education Institutions, Yüksek Yoğunluklu Egzersiz HIIT İlişkili İntestinal Oksidatif Stresin Koenzim Q10 Takviyesi İle Regülasyonunun İncelenmesi, 2024 - Continues

YILMAZ DEMİRCİ N., YILMAZ C., Project Supported by Higher Education Institutions, Sarkoidoz tanı ve takibinde bronkoalveolar lavaj ve serumda Pentraxin 3 düzeyinin rolü, 2024 - Continues

YILMAZ C., Kocaman Kalkan K., Project Supported by Higher Education Institutions, Kuersetin ve fruktoz uygulamasının HepG2 hücre hattında otofaji ve endoplazmik retikulum stres aracılı apoptozis üzerindeki etkileri Effects of Quercetin and fructose administration on autophagy and endoplasmic reticulum stressmediated apoptosis in HepG2 cell line, 2023 - Continues

YILMAZ C., ŞENEL Ö., Yılmaz B., Project Supported by Higher Education Institutions, Koenzim Q10 takviyesi verilen ratlarda yüksek yoğunluklu aralıklı egzersiz( HIIT )uygulamasının BDNF/GFAP/İrisin eksenindeki değişikliklerin kas uyumu üzerindeki etkisinin incelenmesi, 2023 - Continues

YILMAZ C., ŞEN S., Project Supported by Higher Education Institutions, Rabdomiyosarkom hücre hattında yüksek doz statinlerin neden olduğu myopati üzerine CAPE' in etkilerinin araştırılması, 2021 - 2023

YILMAZ C., FATSA T., Project Supported by Higher Education Institutions, Farklı Kansere Hücre Hatlarında 1,25 Dihidroksivitamin D3'ün Apoptozis, Angiogenez ve VDR Ekspresyonu Üzerine Etkilerinin Araştırılması, 2021 - 2022

YURDAKUL A. S., YILMAZ C., KODALAK S., Project Supported by Higher Education Institutions, Fiberoptik Bronkoskopi (FOB) ve Endobronşial Ultrasonografi (EBUS) Uygulanacak Olan Hastaların İşlem Öncesi Anksiyete Durumunu Belirlemede Anksiyete Ölçekleri ve Serum Kopeptin Düzeyi Yeri, 2020 - 2022

YILMAZ C., Project Supported by Higher Education Institutions, YÜKSEK FRUKTOZ DİYETİ İLE BESLENEN RATLARDA KUERSETİNİN KARACİĞER FGF21 EKSPRESYONU VE PGC1A DÜZEYİ ÜZERİNE ETKİLERİ, 2019 - 2020

## Memberships / Tasks in Scientific Organizations

European Federation of Clinical Chemistry and Laboratory Medicine, Member, 2020 - Continues, Reunion

TÜRK BİYOKİMYA DERNEĞİ, Member, 2007 - Continues, Turkey

KLİNİK BİYOKİMYA UZMANLARI DERNEĞİ, Member, 2007 - Continues, Turkey

TÜRK KLİNİK BİYOKİMYA DERNEĞİ, Member, 2007 - Continues, Turkey

## Scientific Refereeing

JOURNAL OF DIABETES RESEARCH, Journal Indexed in SCI-E, April 2024

TUBITAK Project, 1002 - Quick Support Program, Gazi University, Turkey, March 2024

SHOCK AND VIBRATION, Journal Indexed in SCI-E, February 2024

MEDICINE, Journal Indexed in SCI-E, February 2024

TUBITAK Project, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, Gazi University, Turkey, January 2024

Project Supported by Higher Education Institutions, BAP PhD, Ege University, Turkey, November 2023

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

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

Project Supported by Higher Education Institutions, BAP Other, Gazi University, Turkey, October 2023

Project Supported by Higher Education Institutions, BAP PhD, Gazi University, Turkey, September 2023

ONCOLOGY REPORTS, Journal Indexed in SCI-E, July 2023

Project Supported by Higher Education Institutions, BAP PhD, Gazi University, Turkey, April 2023

Project Supported by Higher Education Institutions, BAP PhD, Gazi University, Turkey, April 2023

CANADIAN JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY, Journal Indexed in SCI-E, September 2022

Project Supported by Higher Education Institutions, BAP MSc, Gazi University, Turkey, September 2022

Project Supported by Higher Education Institutions, BAP Other, Gazi University, Turkey, August 2022

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), TÜSEB, Turkey, August 2022

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

Türkiye Klinikleri Tıp Bilimleri Dergisi, National Scientific Refreed Journal, April 2022

Project Supported by Higher Education Institutions, BAP PhD, Gazi University, Turkey, January 2022

## Metrics

Publication: 237

Citation (WoS): 841

Citation (Scopus): 900

H-Index (WoS): 18

H-Index (Scopus): 18

## **Congress and Symposium Activities**

XXXI MEETING OF BALKAN CLINICAL LABORATORY FEDERATION 35th NATIONAL BIOCHEMISTRY CONGRESS, Session Moderator, Antalya, Turkey, 2024

2.Gazi Tıp Biyokimya Günleri Sempozyumu, Session Moderator, Ankara, Turkey, 2022

2.Gazi Tıp Biyokimya Günleri Sempozyumu, Invited Speaker, Ankara, Turkey, 2022

TBD ULUSLARARASI BİYOKİMYA KONGRESİ 2022 33. ULUSAL BİYOKİMYA KONGRESİ, Invited Speaker, İzmir, Turkey, 2022

KBUD Kongre & LAB Expo 2022 , Invited Speaker, Antalya, Turkey, 2022

## **Non Academic Experience**

SAĞLIK BAKANLIĞI KULU DEVLET HASTANESİ

SAĞLIK BAKANLIĞI ÇANKIRI DEVLET HASTANESİ