

# Prof. ERDİNÇ DEVRİM

## Personal Information

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## International Researcher IDs

ScholarID: 6zKFvx8AAAAJ

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Publons / Web Of Science ResearcherID: F-7511-2019

ScopusID: 6506342253

Yoksis Researcher ID: 11719

## Education Information

Expertise In Medicine, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 2001 - 2005

Undergraduate, Hacettepe University, Tıp Fakültesi, Tıp Pr. (İngilizce), Turkey 1985 - 1993

## Foreign Languages

English, C1 Advanced

## Dissertations

Expertise In Medicine, Effects of high cholesterol diet on oxidant/antioxidant status in various tissues from rats investigation of possible roles of antioxidant vitamin combinationYüksek kolestrollü diyetin ratlarda değişik organlardaki oksidan/antioksidan dengesine etkisi ve antioksidan vitaminlerin olası rollerinin araştırılması, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2005

## Research Areas

Medicine, Health Sciences, Biochemistry

## Academic Titles / Tasks

Professor, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2013 - Continues

Associate Professor, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2007 - 2013

Expert PhD, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2005 - 2007

Research Assistant, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2001 - 2005

## Academic and Administrative Experience

## Courses

BİYOKİMYASAL HESAPLAMALAR - I, Doctorate, 2022 - 2023, 2020 - 2021, 2018 - 2019  
UZMANLIK ALAN DERSİ, Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
İLERİ ARAŞTIRMA YÖNTEMLERİ, Doctorate, 2021 - 2022, 2018 - 2019  
KARBONHİDRAT METABOLİZMASI VE HASTALIKLARLA İLİŞKİSİ, Doctorate, 2021 - 2022, 2017 - 2018  
KLİNİK BİYOKİMYA, Associate Degree, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007  
LABORATUVAR YÖNTEMLERİ VE GÜVENLİĞİ, Associate Degree, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2007 - 2008  
TIBBİ BİYOKİMYA, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009  
BİYOKİMYA, Undergraduate, 2009 - 2010

## Advising Theses

Devrim E., Bilateral testis torsiyon modeli oluşturulmuş ratlarda hesperidinin endoplazmik retikulum stresi, total oksidan ve antioksidan durum, steroid hormon sentezi ve germ hücre apoptozu üzerine olan etkilerinin araştırılması, Expertise In Medicine, Ö.KOKURCAN(Student), 2024  
Devrim E., DİYABETİK HASTALARIN SERUMLARINDA ÖLÇÜLEN NGAL, FGF23, SCUBE-1, SİSTATİN C VE MATRİKS METALLOPROTEİNAZ-9 DÜZEYLERİNİNİDRAR ALBÜMİN/KREATİNİN ORANIYLA İLİŞKİSİNİN ARAŞTIRILMASI, Expertise In Medicine, S.KAAN(Student), 2023  
Devrim E., Gallik Asidin Deneysel Kolon Kanseri Oluşturulan Ratlarda Endoplazmik Retikulum Stres Yolağı ve Bağırsak Epitel Kök Hücreleri Üzerine Etkileri, Doctorate, Ç.FİDAN(Student), 2023  
DEVİRİM E., Düşük ejeksiyon fraksiyonlu kalp yetmezliği hastalarının kanlarında bnp ile proadrenomedüllin, kopeptin ve oksidatif stres arasındaki ilişkinin araştırılması, Expertise In Medicine, Ö.YAVUZ(Student), 2018  
DEVİRİM E., Prenatal dörtlü tarama testinde down sendromu riski eşik değerinin üstünde çıkan gebelerin serumlarında oksidan/antioksidan durumunun araştırılması, Expertise In Medicine, O.HAN(Student), 2012

## Jury Memberships

Doctorate, Doctorate, Ankara Üniversitesi, July, 2023  
Associate Professor Exam, Associate Professor Exam, Ankara Üniversitesi, December, 2022  
Associate Professor Exam, Associate Professor Exam, Ankara Üniversitesi, June, 2022  
Associate Professor Exam, Associate Professor Exam, Ankara Üniversitesi, January, 2022

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

- I. **Simultaneous uroflowmetry and urinalysis with single specimen – A prospective evaluation of automatic urine strip analyzer of ORUBA INALYS: Uroflowmetry-urinalysis combined device**  
Topcuoğlu M., Karaburun M. C., Sancı A., Kokurcan Ö., Devrim E., Gülpınar Ö.  
Heliyon, vol.9, no.9, 2023 (SCI-Expanded)
- II. **Is Serum Antioxidant Status Impaired in Pregnant Women at High Risk for Carrying a Down Syndrome-affected Fetus?**  
Edebal O., DEVİRİM E.  
West Indian Medical Journal, vol.69, no.9, pp.606-611, 2023 (SCI-Expanded)

- III. **The Effects of 2100 MHz Radio Frequency Radiation on Thyroid Tissues**  
Tuncal S., Onalan A. K., Aydogan F., Unsal V., Yumusak N., Buyukatalay E. O., Ozturk G., Seyhan N., Celepli S., Devrim E., et al.  
WEST INDIAN MEDICAL JOURNAL, vol.69, no.1, pp.51-55, 2021 (SCI-Expanded)
- IV. **Evaluation of Oxidative Stress Parameters and Antioxidant Status in Plasma and Erythrocytes of Elderly Diabetic Patients with Sarcopenia**  
Kucukdiler A. H. E., Varlı M., Yavuz O., Yalçın A., Oztorun H. S., Devrim E., Aras S.  
JOURNAL OF NUTRITION HEALTH & AGING, vol.23, no.3, pp.239-245, 2019 (SCI-Expanded)
- V. **Uncertainty of measurement for 14 immunoassay analytes: application to laboratory result interpretation**  
Cubukcu H. C., Yavuz O., DEVRİM E.  
SCANDINAVIAN JOURNAL OF CLINICAL & LABORATORY INVESTIGATION, vol.79, no.1-2, pp.117-122, 2019 (SCI-Expanded)
- VI. **Effect of silymarin on oxidative stress and liver histopathology in experimental obstructive jaundice model**  
Onalan A. K., Tuncal S., SERİN KILIÇOĞLU S., Celepli S., Durak E., Kilicoglu B., DEVRİM E., Barlas A. M., Kismet K.  
ACTA CIRURGICA BRASILEIRA, vol.31, no.12, pp.801-806, 2016 (SCI-Expanded)
- VII. **The effect of 2100 MHz radiofrequency radiation of a 3G mobile phone on the parotid gland of rats**  
Aydogan F., ÜNLÜ İ., Aydın E., YUMUŞAK N., DEVRİM E., Samim E. E., ÖZGÜR BÜYÜKATALAY E., Unsal V., TOMRUK A., Ozturk G. G., et al.  
AMERICAN JOURNAL OF OTOLARYNGOLOGY, vol.36, no.1, pp.39-46, 2015 (SCI-Expanded)
- VIII. **Aqueous extract from taxus baccata inhibits adenosine deaminase activity significantly in cancerous and noncancerous human gastric and colon tissues**  
Durak Z. E., Buber S., DEVRİM E., Kocaoglu H., DURAK İ.  
PHARMACOGNOSY MAGAZINE, vol.10, no.38, pp.214-216, 2014 (SCI-Expanded)
- IX. **The protective effect of diosmin on hepatic ischemia reperfusion injury: an experimental study**  
Tanrikulu Y., Sahin M., Kismet K., SERİN KILIÇOĞLU S., DEVRİM E., Sen Tanrikulu C., ERDEMLİ E., Erel S., Bayraktar K., Akkus M. A.  
BOSNIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.13, no.4, pp.218-224, 2013 (SCI-Expanded)
- X. **EFFECTS OF CRT MONITOR-EMITTED RADIATION IN RAT TISSUES: PREVENTIVE EFFECT OF VITAMIN C**  
SERİN KILIÇOĞLU S., Tabak S., Avcı A., Kilicoglu B., DEVRİM E., ERGÜDER B. İ., Gurleyik E., Celepli S., ÇETİN R., DURAK İ.  
NOBEL MEDICUS, vol.8, no.3, pp.81-86, 2012 (SCI-Expanded)
- XI. **The effect of oral honey and pollen on postoperative intraabdominal adhesions**  
Celepli S., Kismet K., Kaptanoglu B., Erel S., Ozer S., Celepli P., KAYGUSUZ G., DEVRİM E., GENÇAY ÇELEMLİ Ö., Sorkun K., et al.  
TURKISH JOURNAL OF GASTROENTEROLOGY, vol.22, no.1, pp.65-72, 2011 (SCI-Expanded)
- XII. **Effects of mobile phone use on brain tissue from the rat and a possible protective role of vitamin C - a preliminary study**  
Imge E. B., Kilicoglu B., DEVRİM E., Cetin R., DURAK İ.  
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, vol.86, no.12, pp.1044-1049, 2010 (SCI-Expanded)
- XIII. **Effects of aqueous garlic extract on oxidant/antioxidant status in 32D and 32Dp210 cell lines**  
Avcı A., SUNGURUĞLU A., Erguder I. B., GÜMÜŞ AKAY G., DEVRİM E., BAYDIN P., Varol N., DURAK İ.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.40, no.6, pp.881-888, 2010 (SCI-Expanded)
- XIV. **Effects of grape consumption on plasma and erythrocyte antioxidant parameters in elderly subjects**  
Avcı A., Atli T., ERGÜDER B. İ., VARLI M., DEVRİM E., DEMİR Ö., DURAK İ., Turgay M.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.40, no.4, pp.525-529, 2010 (SCI-Expanded)
- XV. **High osmolar contrast medium causes mild oxidation in liver, bladder, and ovary tissues from rats: vitamin C has protective role**  
ERGÜDER B. İ., Cetin M., Namuslu M., SERİN KILIÇOĞLU S., DEVRİM E., Cetin R., DURAK İ.

MEDICINAL CHEMISTRY RESEARCH, vol.19, no.6, pp.515-523, 2010 (SCI-Expanded)

- XVI. **Impact of chlorhexidine mouth rinse use on postextraction infection via nitric oxide pathway**  
ÖZMERİÇ KURTULUŞ N., Mollaoglu N., ELGÜN ÜLKAR S., DEVRİM E.  
INFLAMMATION RESEARCH, vol.59, no.6, pp.437-441, 2010 (SCI-Expanded)
- XVII. **Effects of computer monitor-emitted radiation on oxidant/antioxidant balance in cornea and lens from rats**  
Balci M., Namuslu M., DEVRİM E., DURAK İ.  
MOLECULAR VISION, vol.15, no.268-70, pp.2521-2525, 2009 (SCI-Expanded)
- XVIII. **Oxidant stress due to non ionic low osmolar contrast medium in rat kidney**  
DEVRİM E., Cetin M., Namuslu M., Erguder I. B., Cetin R., DURAK İ.  
INDIAN JOURNAL OF MEDICAL RESEARCH, vol.130, no.4, pp.433-436, 2009 (SCI-Expanded)
- XIX. **Plasma paraoxonase activity in patients with systemic sclerosis**  
Erguder I. B., Erten S., DEVRİM E., Turgay M., DURAK İ.  
INDIAN JOURNAL OF MEDICAL RESEARCH, vol.129, no.5, pp.609-612, 2009 (SCI-Expanded)
- XX. **Honey prevents hepatic damage induced by obstruction of the common bile duct**  
ERGÜDER B. İ., SERİN KILIÇOĞLU S., Namuslu M., Kilicoglu B., DEVRİM E., Kismet K., DURAK İ.  
WORLD JOURNAL OF GASTROENTEROLOGY, vol.14, no.23, pp.3729-3732, 2008 (SCI-Expanded)
- XXI. **EFFECTS OF AQUEOUS GREEN TEA EXTRACT ON ACTIVITIES OF DNA TURN-OVER ENZYMES IN CANCEROUS AND NON-CANCEROUS HUMAN GASTRIC AND COLON TISSUES**  
Erguder I. B., Namuslu M., Sozener U., DEVRİM E., Avci A., Kocaoglu H., DURAK İ.  
ALTERNATIVE THERAPIES IN HEALTH AND MEDICINE, vol.14, no.3, pp.30-33, 2008 (SCI-Expanded)
- XXII. **Cisplatin causes oxidation in rat liver tissues: Possible protective effects of antioxidant food supplementation**  
Avci A., Cetin R., Erguder I. B., DEVRİM E., Kilicoglu B., Candir O., ÖZTÜRK H. S., DURAK İ.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.38, no.2, pp.117-120, 2008 (SCI-Expanded)
- XXIII. **High-cholesterol diet increases xanthine oxidase and decreases nitric oxide synthase activities in erythrocytes from rats**  
DEVRİM E., Erguder I. B., Oezbek H., Durak I.  
NUTRITION RESEARCH, vol.28, no.3, pp.212-215, 2008 (SCI-Expanded)
- XXIV. **Activities of xanthine oxidase and superoxide dismutase enzymes in rat intestinal tissues in sepsis**  
DEVRİM E., Avci A., Erguder I. B., Karagenc N., Kulah B., DURAK İ.  
JOURNAL OF TRAUMA-INJURY INFECTION AND CRITICAL CARE, vol.64, no.3, pp.733-735, 2008 (SCI-Expanded)
- XXV. **Effects of Electromagnetic Radiation Use on Oxidant/Antioxidant Status and DNA Turn-over Enzyme Activities in Erythrocytes and Heart, Kidney, Liver, and Ovary Tissues From Rats: Possible Protective Role of Vitamin C**  
DEVRİM E., Erguder I. B., Kilicoglu B., Yaykasli E., Cetin R., DURAK İ.  
TOXICOLOGY MECHANISMS AND METHODS, vol.18, no.9, pp.679-683, 2008 (SCI-Expanded)
- XXVI. **Malondialdehyde and nitric oxide levels in erythrocytes from patients with systemic sclerosis**  
DEVRİM E., Erten S., Erguder I. B., Namuslu M., Turgay M., DURAK İ.  
MEDICAL PRINCIPLES AND PRACTICE, vol.17, no.4, pp.349-350, 2008 (SCI-Expanded)
- XXVII. **Garlic and Tomato Play Beneficial Role in the Prevention of Prostate Cancer**  
DURAK İ., DEVRİM E., Aytac B.  
PHYTOPHARMACOLOGY AND THERAPEUTIC VALUES I, vol.19, pp.9-17, 2008 (SCI-Expanded)
- XXVIII. **Effects of garlic consumption on plasma and erythrocyte antioxidant parameters in elderly subjects**  
Avci A., Atli T., Erguder I. B., VARLI M., DEVRİM E., ARAS S., DURAK İ.  
GERONTOLOGY, no.3, pp.173-176, 2008 (SCI-Expanded)
- XXIX. **Ionic high-osmolar contrast medium causes oxidant stress in kidney tissue: Partial protective role of ascorbic acid**  
Cetin M., DEVRİM E., SERİN KILIÇOĞLU S., Erguder I. B., Namuslu M., Cetin R., DURAK İ.  
RENAL FAILURE, vol.30, no.5, pp.567-572, 2008 (SCI-Expanded)
- XXX. **Effects of high-cholesterol diet and antioxidant vitamins combination on oxidant/antioxidant status**

**in heart, kidney, liver and testis tissues from rats**

Devrim E., Oezbek H., Durak I.

JOURNAL OF FOOD LIPIDS, vol.14, no.4, pp.386-395, 2007 (SCI-Expanded)

- XXXI. **Is garlic a promising food for benign prostatic hyperplasia and prostate cancer?**  
Devrim E., Durak I.  
MOLECULAR NUTRITION & FOOD RESEARCH, vol.51, no.11, pp.1319-1323, 2007 (SCI-Expanded)
- XXXII. **The effects of sleep deprivation on oxidant/antioxidant status Uyku deprivasyonunun antioksidan sisteme etkisi**  
Aytaç B., Kayhan A., DEVRİM E., DURAK İ., Ergüder I.  
Klinik Psikofarmakoloji Bulteni, vol.17, no.3, pp.130-133, 2007 (SCI-Expanded)
- XXXIII. **Effects of cooking techniques on antioxidant enzyme activities of some fruits and vegetables**  
ERGÜDER B. İ., Avci A., DEVRİM E., DURAK İ.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.37, no.3, pp.151-156, 2007 (SCI-Expanded)
- XXXIV. **Effects of mobile phones on oxidant/antioxidant balance in cornea and lens of rats**  
Balci M., Devrim E., Durak I.  
CURRENT EYE RESEARCH, vol.32, no.1, pp.21-25, 2007 (SCI-Expanded)
- XXXV. **Effects of apple consumption on plasma and erythrocyte antioxidant parameters in elderly subjects**  
Avci A., Atli T., Ergüder I. B., VARLI M., DEVRİM E., Turgay S. A. M., Durak I.  
EXPERIMENTAL AGING RESEARCH, vol.33, no.4, pp.429-437, 2007 (SCI-Expanded)
- XXXVI. **Black grape and garlic extracts protect against cyclosporine A nephrotoxicity**  
Durak I., Cetin R., Candir O., Devrim E., Kilicoglu B., Avci A.  
IMMUNOLOGICAL INVESTIGATIONS, vol.36, no.1, pp.105-114, 2007 (SCI-Expanded)
- XXXVII. **Oxidant/antioxidant status of placenta, blood, and cord blood samples from pregnant women supplemented with iron**  
Devrim E., Tarhan I., Ergüder I. B., Durak I.  
JOURNAL OF THE SOCIETY FOR GYNECOLOGIC INVESTIGATION, vol.13, no.7, pp.502-505, 2006 (SCI-Expanded)
- XXXVIII. **Investigation of free radical scavenging enzyme activities and lipid peroxidation in human placental tissues with miscarriage**  
Biri A., Kavutcu M., Bozkurt N., Devrim E., Nurlu N., Durak I.  
JOURNAL OF THE SOCIETY FOR GYNECOLOGIC INVESTIGATION, vol.13, no.5, pp.384-388, 2006 (SCI-Expanded)
- XXXIX. **Short-term effects of smoking cessation on blood antioxidant parameters and paraoxonase activity in healthy asymptomatic long-term cigarette smokers**  
Ergüder I. B., Ergüder T., Ozkan C., Bozkurt N., Soylu K., Devrim E., Durak I.  
INHALATION TOXICOLOGY, vol.18, no.8, pp.575-579, 2006 (SCI-Expanded)
- XL. **Superoxide dismutase activity in the lens capsule of patients with pseudoexfoliation syndrome and cataract**  
Ucakhan Ö. Ö., Karel F., Kanpolat A., Devrim E., Durak I.  
JOURNAL OF CATARACT AND REFRACTIVE SURGERY, vol.32, no.4, pp.618-622, 2006 (SCI-Expanded)
- XLI. **Oxidant status in maternal and cord plasma and placental tissue in gestational diabetes**  
Biri A., Onan A., Devrim E., Babacan F., Kavutcu M., Durak I.  
PLACENTA, vol.27, no.2-3, pp.327-332, 2006 (SCI-Expanded)
- XLII. **Cisplatin impairs antioxidant system and causes oxidation in rat kidney tissues: possible protective roles of natural antioxidant foods**  
Cetin R., Devrim E., Kilicoglu B., Avci A., Candir O., Durak I.  
JOURNAL OF APPLIED TOXICOLOGY, vol.26, no.1, pp.42-46, 2006 (SCI-Expanded)
- XLIII. **Effects of cyclosporine on oxidant/antioxidant status in rat ovary tissues: Protective role of black grape extract**  
Ergüder I., Cetin R., Devrim E., Kilicoglu B., Avci A., Durak I.  
INTERNATIONAL IMMUNOPHARMACOLOGY, vol.5, no.7-8, pp.1311-1315, 2005 (SCI-Expanded)
- XLIV. **Effects of black grape extract on activities of dna turn-over enzymes in cancerous and non cancerous human colon tissues**

- Durak I., Cetin R., Devrim E., Erguder I.  
LIFE SCIENCES, vol.76, no.25, pp.2995-3000, 2005 (SCI-Expanded)
- XLV. **Methotrexate causes oxidative stress in rat kidney tissues**  
Devrim E., Cetin R., Kilicoglu B., Erguder B. İ., Avci A., Durak I.  
RENAL FAILURE, vol.27, no.6, pp.771-773, 2005 (SCI-Expanded)
- XLVI. **Propofol attenuates reperfusion injury after testicular torsion and detorsion**  
Unsal A., Devrim E., Guven C., Eroglu M., Durak I., Bozoklu A., Balbay M.  
WORLD JOURNAL OF UROLOGY, vol.22, no.6, pp.461-465, 2004 (SCI-Expanded)
- XLVII. **Effects of garlic extract consumption on plasma and erythrocyte antioxidant parameters in atherosclerotic patients**  
Durak I., Aytac B., Atmaca Y., Devrim E., Avci A., Erol Ç., Oral D.  
LIFE SCIENCES, no.16, pp.1959-1966, 2004 (SCI-Expanded)
- XLVIII. **Aqueous extract of Urtica dioica makes significant inhibition on adenosine deaminase activity in prostate tissue from patients with prostate cancer**  
Durak I., Biri N., Devrim E., Sozen S., Avci A.  
CANCER BIOLOGY & THERAPY, vol.3, no.9, pp.855-857, 2004 (SCI-Expanded)
- XLIX. **Effects of cholesterol supplementation on antioxidant enzyme activities in rat hepatic tissues: possible implications of hepatic paraoxonase in atherogenesis**  
Durak I., Ozbek H., Devrim E., Karagenc N., Erguder I.  
NUTRITION METABOLISM AND CARDIOVASCULAR DISEASES, vol.14, no.4, pp.211-214, 2004 (SCI-Expanded)
- L. **Effects of garlic extract consumption on blood lipid and oxidant/antioxidant parameters in humans with high blood cholesterol**  
Durak I., Kavutcu M., Aytac B., Avci A., Devrim E., Ozbek H., ÖZTÜRK H. S.  
JOURNAL OF NUTRITIONAL BIOCHEMISTRY, vol.15, no.6, pp.373-377, 2004 (SCI-Expanded)
- LI. **Tomato juice inhibits adenosine deaminase activity in human prostate tissue from patient with prostate cancer**  
Durak I., Biri H., Avci A., Sozen S., Devrim E.  
NUTRITION RESEARCH, vol.23, no.9, pp.1183-1188, 2003 (SCI-Expanded)
- LII. **Consumption of aqueous garlic extract leads to significant improvement in patients with benign prostate hyperplasia and prostate cancer**  
Durak I., Yilmaz E., Devrim E., Perk H., Kacmaz M.  
NUTRITION RESEARCH, vol.23, no.2, pp.199-204, 2003 (SCI-Expanded)

## Articles Published in Other Journals

- I. **ACUTE REPEATED WINGATE STYLE HIIT EXERCISE IN HYPOXIC CONDITIONS DOES NOT ALTER OXIDATIVE STATUS IN UNTRAINED MEN**  
Akgul M. S., Gurses V. V., Karabıyık H., Yavuz O., Taskin H., Koz M., Devrim E.  
KINESIOLOGIA SLOVENICA, vol.28, no.3, pp.154-165, 2022 (ESCI)
- II. **The Effect of Oxidative Stress on Pulmonary Involvement in Patients with Systemic Sclerosis**  
ERTEN Ş., TURGAY T. M., DEVRİM E., ERGÜDER B. İ., DURAK İ., KÜÇÜKŞAHİN O., şahin a., alexis k., külahçıoğlu e.  
Rheumatology: Current Research, vol.5, no.04, 2015 (Peer-Reviewed Journal)
- III. **Aqueous extract from rhubarb plant inhibits adenosine deaminase activity significantly in cancerous and non cancerous human gastric and colon tissues**  
DURAK Z. E., BÜBER S., DEVRİM E., KOCAOĞLU E. H., DURAK İ.  
JOURNAL OF PROGRESSIVE RESEARCH İN CHEMISTRY, vol.1, no.1, pp.9-13, 2015 (Peer-Reviewed Journal)
- IV. **Aqueous Extract from Turmeric Curcuma Longa Inhibits Adenosine Deaminase Activity Significantly in Cancerous and Non Cancerous Human Gastric and Colon Tissues**  
Zahide Esra D., Suleyman B., DEVRİM E., KOCAOĞLU E. H., DURAK İ.  
food and nutrition report, vol.1, no.1, pp.11-20, 2015 (Peer-Reviewed Journal)

- V. **Aged garlic extract consumption causes significant increases in plasma nitric oxide synthase activity and nitric oxide levels in atherosclerotic patients**  
DURAK İ., ATMACA Y., Aytaç B., DEVRİM E., Avci A., ÖZDÖL Ç., EROL Ç., Oral D.  
Vascular Disease Prevention, vol.4, no.4, pp.278-280, 2007 (Scopus)
- VI. **Oxidative stress and antioxidant parameters in a Turkish group of patients with active and inactive systemic lupus erythematosus**  
Turgay M., DURAK İ., ERTEN Ş., Ertugrul E., DEVRİM E., Avci A., Turgay F.  
APLAR Journal of Rheumatology, vol.10, no.2, pp.101-106, 2007 (Scopus)
- VII. **Effect of Garlic and Red Clover extracts on ADA enzyme activities in cancerous and non cancerous human liver tissues**  
DURAK İ., AVCI A., GÖÇMEN E., DEVRİM E.  
NATURAL PRODUCT RADIANCE, vol.4, pp.97-101, 2005 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Tanı ve İzlemede Laboratuvar Testleri**  
Doğan Ö., Devrim E.  
in: COVID 19 Genişletilmiş İkinci Baskı, Prof. Dr. K. Osman Memikoğlu, Prof. Dr. Volkan Genç, Editor, Ankara Üniversitesi, Ankara, pp.183-188, 2021
- II. **Tanı ve İzlemede Laboratuvar Testleri**  
DOĞAN Ö., DEVRİM E.  
in: COVID-19, Prof. Dr. K. Osman Memikoğlu, Prof. Dr. Volkan Genç, Editor, Ankara Üniversitesi Basımevi, Ankara, pp.29-33, 2020
- III. **Clinical Biochemistry Made Ridiculously Simple, Edition 3**  
Devrim E. (Editor)  
Ankara Nobel Tıp Kitabevleri, Ankara, 2018
- IV. **Hücrel biyoenerjetik: ATP ve O<sub>2</sub>**  
Devrim E.  
in: Marks' Tıbbi Biyokimyanın Esasları Klinik Yaklaşım, Amanvermez R, Avci B, Editor, İstanbul Tıp Kitabevleri, İstanbul, pp.35-51, 2017
- V. **Numune işleme ve yanlış tanımlama problemleri**  
Devrim E., Elmalı E.  
in: Tıbbi Laboratuvarda Doğru Sonuç, Turhan T, Editor, PALME YAYINCILIK, Ankara, pp.35-51, 2015
- VI. **Biyokimya Açıklamalı Soru ve Cevaplı**  
Sunguroğlu K. (Member Of Editors Board), Elgün Ülkar S. (Member Of Editors Board), Öztürk H. S. (Member Of Editors Board), Gürbüz A. (Member Of Editors Board), Ergüder B. İ. (Member Of Editors Board), Devrim E. (Member Of Editors Board)  
Akademisyen Yayınevi Kitabevi, Ankara, 2014

## Refereed Congress / Symposium Publications in Proceedings

- I. **Acil Servise Başvuran Hastalara Sepsis Tanısı Koymada Biyobelirteçler Tanısal Yönetişime Katkıda Bulunabilir mi?**  
BİNAY A., BOZER A., GÜNEL M. D., GENÇ S., GÜNALP ENEYLİ M., DEVRİM E., EVREN YURTCU E., KARAHAN Z. C.  
12. ULUSAL MOLEKÜLER VE TANISAL MİKROBİYOLOJİ KONGRESİ, Antalya, Turkey, 13 - 17 November 2024
- II. **THE LEVELS OF FECAL CALPROTECTIN, SERUM INTERLEUKIN 17/23, MALONDIALDEHYDE, GLUTATHIONE PEROXIDASE IN THE PATIENTS WITH AXIAL SPONDYLOARTHRITIS AND THEIR CORRELATIONS WITH CLINICAL, LABORATORY PARAMETERS, DISEASE ACTIVITY SCALES**  
Soysal M., KUTLAY S., DEVRİM E., Fidan C., GÖKMEN D., Yalcin P.

European Congress of Rheumatology (EULAR), Milan, Italy, 31 May - 03 June 2023, pp.1747

- III. **Comparison of antioxidant properties and phenolic contents of zucchini and potato according to consumption methods**  
FİDAN Ç., DEMİRCİ G., Kılıçaslan N. S., ÇUBUKÇU H. C., DURAK İ., DEVRİM E.  
XXVII. Balkan Clinical Laboratory Federation Meeting BCLF 2019XXX. National Congress of the Turkish Biochemical Society TBS 2019, Turkey, 27 - 31 October 2019, vol.44, pp.94
- IV. **Comparison of the novel Access procalcitonin assay with Radiometer AQT90 Flex**  
DOĞAN Ö., DEVRİM E., AVCI A.  
XXVII. Balkan Clinical Laboratory Federation Meeting BCLF 2019XXX. National Congress of the Turkish Biochemical Society TBS 2019, 27 - 31 October 2019
- V. **Rutin biyokimya parametrelerinde toplam test süreci**  
FİDAN Ç., DEMİRCİ G., DEVRİM E., ÖZTÜRK H. S.  
TBD-BD Preanalitik Evre Sempozyumu, Turkey, 28 - 29 April 2018, vol.43
- VI. **Farklı Günlerde Troponin Toplam Test Süreci Sonuçlarının Karşılaştırılması**  
DEMİRCİ G., FİDAN Ç., DEVRİM E., ÖZTÜRK H. S.  
TBD-BD Preanalitik Evre Sempozyumu, Turkey, 28 - 29 April 2018, vol.43
- VII. **Comparison of The Antioxidant Properties and Phenolic Contents of Tomato and Carrot According to Their Consumption Methods**  
FİDAN Ç., DEMİRCİ G., Kılıçaslan N. S., DEVRİM E., ÇUBUKÇU H. C., DURAK İ.  
2. Uluslararası Sağlık Bilimleri Kongresi, 15 - 17 November 2018, pp.37
- VIII. **İç kalite kontrol sonuçlarının ve üstel ağırlıklı hareketli ortalamanın hasta sonuçlarıyla ilişkisi**  
ÇUBUKÇU H. C., DEVRİM E.  
TBD Uluslararası Biyokimya Kongresi 2018 - 29. Ulusal Biyokimya Kongresi, 26 - 30 October 2018
- IX. **Investigation of relation between BNP and proadrenomedullin, copeptin and oxidative stress in the blood from patients who have heart failure with reduced ejection fraction.**  
Yavuz Ö., Özdöl Ç., Devrim E.  
34th Turkish Cardiology Congress with International Participation, Antalya, Turkey, 20 - 23 October 2018, pp.105
- X. **Comparison of Thyroid Function Tests In Different Age Groups and The Relationship Between Creatinine**  
FİDAN Ç., DEMİRCİ G., DEVRİM E., ÖZTÜRK H. S.  
III. Türkiye in vitro Diyagnostik (IVD) Sempozyumu Endokrin ve Metabolik Hastalıklar Tanıdan edaviye Biyobelirteçler, Turkey, 28 February - 02 March 2018, vol.43, pp.30-38
- XI. **Etanol Testinin İşlem Zamanını Etkileyen Faktörlerin Araştırılması**  
ÇUBUKÇU H. C., DEVRİM E.  
TBD-BD Preanalitik Evre Sempozyumu, Turkey, 28 - 29 April 2018
- XII. **14 İmmünokimyasal Analitin Ölçüm Belirsizliği ve Laboratuvar Sonuçlarının Yorumlanmasında Kullanımı**  
ÇUBUKÇU H. C., YAVUZ Ö., DEVRİM E.  
Uluslararası Biyokimya Kongresi - 2017, 19 - 23 September 2017
- XIII. **Evaluation of Oxidative Stress and Antioxidant status in Plasma Erythrocytes in older diabetics with sarcopenia**  
EROĞLU KÜÇÜKDİLER A. H., VARLI M., YAVUZ Ö., YALÇIN A., SELVİ ÖZTORUN H., DEVRİM E., ARAS S.  
ULUSLARARASI AKADEMİK GERİATRİ KONGRESİ, 12 - 16 April 2017
- XIV. **Farklı İki Üreticiye Ait Tam Otomatize İdrar Cihazlarının Analitik Performanslarının Değerlendirilmesi**  
KIRAL S., TURHAN T., SEZER S., DEVRİM E., YAVUZ Ö., OĞUZ E. F., KILINÇKAYA M. F.  
ULUSLARARASI KATILIMLI XVI. KLİNİK BİYOKİMYA KONGRESİ VE IATDMCT REGIONAL MEETING, 5 - 08 May 2016
- XV. **Oxidant / antioxidant status in heart tissues from rats with streptozotocin induced diabetes mellitus: Effects of cinnamon and lemon balm supplementation**  
DEVRİM E., ÖZTÜRK B., ÖZTÜRK H. S., SEVİNÇ N., DURAK İ.



19th Meeting of Balkan Clinical Laboratory Federation. Journal of the Balkan Clinical Laboratory Federation, Bükreş, Romania, 21 - 23 September 2011, vol.19, pp.121

- XVI. **Effects of melissa officinalis on serum oxidant antioxidant status and glucose levels in streptozotocin induced diabetic rats**  
ÖZTÜRK H. S., ÖZTÜRK B., SEVİNÇ N., DEVRİM E., DURAK İ.  
14th World Congress on Clinical Nutrition and 5th International Congress on Cardiovascular Diseases, Koshice, Slovakia, 4 - 07 June 2009
- XVII. **Streptozotosin'le diyabet oluşturulmuş ratların serumlarında tarçının glukoz seviyeleri ile oksidan/antioksidan sistem parametrelerine etkileri**  
SEVİNÇ N., ÖZTÜRK B., DEVRİM E., ÖZTÜRK H. S., DURAK İ.  
XX. Ulusal Biyokimya Kongresi, Turkey, 29 October - 01 November 2008, vol.33, pp.157
- XVIII. **Effects of aqueous garlic extract on oxidant antioxidant status in 32D and 32Dp cell lines**  
DURAK İ., SUNGURUĞLU A., AVCI A., DEVRİM E., ERGÜDER B. İ., GÜMÜŞ AKAY G., BAYDIN P., VAROL N., AKÇORA D., ALTINOK ZAİM B., et al.  
54th Annual Congress on Medicinal Plant Research, Helsinki, Finland, 29 August - 02 September 2006, vol.72
- XIX. **Antiproliferative and apoptotic effects of garlic on chronic myeloid leukemia cell line**  
Sunguroğlu A., Gümüş Akay G., Baydın P., Varol N., Akçora D., Altınok Güneş B., Öztuna D., Avcı A., Ergüder B. İ., Devrim E., et al.  
54th Annual Congress on Medicinal Plant Research, Helsinki, Finland, 29 August - 02 September 2006, vol.72

## Supported Projects

Çolakoğlu H. E., Özmen Ö., Devrim E., Yazlık M. O., Esen Göbekçi A., Nemitlu E., Fidan Ç., Alçıgır M. E., Kaya U., Reçber T., et al., Project Supported by Higher Education Institutions, Köpek Meme Tümörlerinin Etiyopatogenezinde Hedef mRNAların Ekspresyon Profillerinin Transkriptom RNASeq Analizi ile Değerlendirilmesi, 2024 - 2026

Çolakoğlu H. E., Yazlık M. O., Özmen Ö., Esen A., Devrim E., Nemitlu E., Reçber T., Fidan Ç., Sümer T., Kır S., et al., TUBITAK Project, Noninvaziv Biyobelirteç Düzeylerinin (Cea, Ca15-3, Vegf, Ki 67, Pd-L1, Mikrorna) Ve Hedeflenmemiş Metabolitlerin Köpek Meme Tümörlerinin Tanı Ve Prognozundaki Rollerinin Araştırılması Ve Meme Tümörlerinin Moleküler Olarak Sınıflandırılan Alt Tiplerine Göre Değerlendirilmesi, 2022 - 2025

Devrim E., Çorapçioğlu D., Şahin M., Erdemir S. K., Project Supported by Higher Education Institutions, Diyabetik hastaların serumlarında ölçülen NGAL, FGF23, SCUBE1, sistatin C ve matris metalloproteinaz 9 düzeylerinin idrar albümin/kreatinin oranıyla ilişkisinin araştırılması , 2023 - 2024

Fidan Ç., Devrim E., Akçalı K. C., Project Supported by Higher Education Institutions, Gallik Asidin Deneysel Kolon Kanseri Oluşturulan Ratlarda Lipid Metabolizması ve Oksidatif Stres Üzerine Etkileri, 2022 - 2024

Fıçırcılar H., Topal Çelikkan F., Devrim E., Tekeli F. A., Bayazıt A., Erdemli E., Project Supported by Higher Education Institutions, -Tıp Eğitiminde Entegre Laboratuvar Uygulamalarının Mezuniyet Öncesi Öğrenci Memnuniyeti ve Öğrenmenin Kalıcılığı Üzerine Etkisi , 2021 - 2023

Fidan Ç., Devrim E., Akçalı K. C., Savaş B., Yüksel S., Bitirim C. V., TUBITAK Project, Gallik Asidin Deneysel Kolon Kanseri Oluşturulan Ratlarda Endoplazmik Retikulum Stres Yolağı ve Bağırsak Epitel Kök Hücreleri Üzerine Etkileri, 2021 - 2022

Fidan Ç., Devrim E., Demirci G., Öztürk H. S., Aydın S., Gökçe G., Project Supported by Higher Education Institutions, Gallik Asidin Ratlarda Oluşturulan NASH Modelinde Lipid Metabolizması ve Endoplazmik Retikulum Stresi Üzerine Etkileri, 2021 - 2022

Öztürk H. S., Elgün Ülkar S., Devrim E., Demirci G., Fidan Ç., Project Supported by Higher Education Institutions, Bipolar Bozuklukta ve Şizofreni Hastalarında Adenozin Deaminaz, Dipeptidil Peptidaz-IV, Pürin Nükleozid Fosforilaz ve Arginin Metabolizması Enzimleri ile Oksidatif Stres Parametrelerinin Araştırılması, 2021 - 2022

DEVİRİM E., Project Supported by Higher Education Institutions, Düşük Ejeksiyon Fraksiyonlu Kalp Yetmezliği Hastalarının Kanlarında BNP İle Proadrenomedüllin, Kopeptin ve Oksidatif Stres Arasındaki İlişkinin Araştırılması, 2017 - 2018

DEVİRİM E., KARABIYIK H., Project Supported by Higher Education Institutions, Hipoksi Ortamında Yüksek Şiddetli İnterval Antrenmanın Etkileri, 2014 - 2016

## **Activities in Scientific Journals**

Ankara Üniversitesi Tıp Fakültesi Mecmuası, Advisory Committee Member, 2020 - Continues  
International Journal of Basic and Applied Medical Sciences, Committee Member, 2012 - Continues

## **Memberships / Tasks in Scientific Organizations**

Türk Biyokimya Derneği Yeterlik Kurulu, Member, 2022 - Continues, Turkey  
Ankara Tıphılar Derneği, Member, 2010 - Continues, Turkey  
Türk Klinik Biyokimya Derneği, Member, 2007 - Continues, Turkey  
Türk Biyokimya Derneği, Member, 2002 - Continues, Turkey

## **Scientific Refereeing**

Ankara Üniversitesi Tıp Fakültesi Mecmuası, National Scientific Refreed Journal, August 2023  
TURKISH JOURNAL OF MEDICAL SCIENCES, Journal Indexed in SCI-E, December 2022

## **Metrics**

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