

# Prof. BERRİN İMGE ERGÜDER

## Personal Information

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## International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-5673-2020

ScopusID: 9743226700

Yoksis Researcher ID: 12944

## Education Information

Expertise In Medicine, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 2000 - 2004

Undergraduate, Fırat University, School Of Medicine, Tıp Pr., Turkey 1983 - 1989

## Research Areas

Health Sciences, Natural Sciences

## Academic Titles / Tasks

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

Associate Professor, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2009 - 2013

Assistant Professor, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2007 - 2009

Research Assistant, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2000 - 2007

## Courses

Kanser Biyokimyası, Postgraduate, 2014 - 2015

Klinik Biyokimya , Undergraduate, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

Biyokimya I, Associate Degree, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006

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

### I. Neuroprotective Effects of Coenzyme Q10 and Ozone Therapy on Experimental Traumatic Spinal Cord Injuries in Rats

Gel G., Unluer C., Yilmaz E. R., ERGÜDER B. İ., Arıkok A. T., Sener S., Kertmen H. H., Turkoglu M. E.

World Neurosurgery, vol.188, 2024 (SCI-Expanded)

### II. Interaction between hypertension and periodontitis

Ozmeric N., ELGÜN ÜLKAR S., Kalfaoglu D., Pervane B., Sungur C., Erguder I., YAVUZ Y.

ORAL DISEASES, vol.30, no.3, pp.1622-1631, 2024 (SCI-Expanded)

- III. **Amantadine's neuroprotective effects in rabbit spinal cord ischemia/reperfusion model.**  
Unluer C., Kuru Bektasoglu P., Erguder B. İ., Arikok A. T., Ermutlu I., Gurer B., Kertmen H.  
Turkish neurosurgery, 2024 (SCI-Expanded)
- IV. **Neuroprotective Effects of Niacin on Ischemia/Reperfusion Injury of the Rabbit Spinal Cord**  
Ermutlu İ., Fesli R., Arıkok A. T., ERGÜDER B. İ., Kertmen H., Gürer B.  
World Neurosurgery, vol.177, 2023 (SCI-Expanded)
- V. **Mildronate Has Ameliorative Effects on the Experimental Ischemia/Reperfusion Injury Model in the Rabbit Spinal Cord**  
Ozaydin D., Kuru Bektaşoğlu P., Türe D., Bozkurt H., ERGÜDER B. İ., Sargon M. F., Arıkok A. T., Kertmen H., Gürer B.  
World Neurosurgery, vol.173, 2023 (SCI-Expanded)
- VI. **Investigation of Atypical Cell Parameter in the Surveillance of Patients with NMIBC; Initial Outcomes of a Single Center Prospective Study**  
KARABURUN M. C., ÖZKAYA M. F., ERGÜDER B. İ., SÜER E.  
Journal of medical systems, vol.47, no.1, pp.41, 2023 (SCI-Expanded)
- VII. **CRISPR/CAS9 GENOME EDITING FOR NEURODEGENERATIVE DISEASES**  
Nojadeh J. N., Eryılmaz N. S. B., ERGÜDER B. İ.  
EXCLI JOURNAL, vol.22, pp.567-582, 2023 (SCI-Expanded)
- VIII. **Cerebrolysin Amelioration of Spinal Cord Ischemia/ Reperfusion Injury in Rabbit Model**  
Tonge C., Bektasoglu P. K., Gulmez A., Turkoglu M. E., Arikok A. T., ERGÜDER B. İ., Gurer B., Kertmen H.  
Turkish Neurosurgery, vol.33, no.6, pp.1017-1027, 2023 (SCI-Expanded)
- IX. **Evaluation of hemolysis interference and possible protective effect of N-phenyl maleimide on the measurement of small peptides**  
Durmaz M., Erguder I.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.47, no.6, pp.735-740, 2022 (SCI-Expanded)
- X. **Neuroprotective Effects of Dexpanthenol on Rabbit Spinal Cord Ischemia/Reperfusion Injury Model**  
Gulmez A., Bektasoglu P. K., Tonge C., Yaprak A., Turkoglu M. E., Onder E., ERGÜDER B. İ., Sargon M. F., Gurer B., Kertmen H.  
WORLD NEUROSURGERY, vol.167, 2022 (SCI-Expanded)
- XI. **Could urinary nerve growth factor and bladder wall thickness predict the treatment outcome of children with overactive bladder?**  
Huseynov A., Telli O., Hacıyev P., Okutucu T. M., AKINCI A., Ozkidik M., Erguder I., Fitoz S., BURGU B., Soygur T.  
INTERNATIONAL BRAZ J UROL, vol.48, no.3, pp.553-560, 2022 (SCI-Expanded)
- XII. **Determination of pentraxin 3 levels in diagnosis of appendicitis in children**  
Ateş U., Göllü Bahadır G., Ergün E., Göllü Bahadır G., Durmaz M., Günay F., Erguder I., Bingol-Kologlu M., Yagmurlu A., Dindar H., et al.  
PEDIATRICS INTERNATIONAL, no.5, pp.624-628, 2020 (SCI-Expanded)
- XIII. **Levels of Cytokines in Gingival Crevicular Fluid during Rapid Maxillary Expansion and the Subsequent Retention Period**  
Topal S. C., BALOŞ TUNCER B., ELGÜN ÜLKAR S., Erguder I., ÖZMERİÇ KURTULUŞ N.  
JOURNAL OF CLINICAL PEDIATRIC DENTISTRY, vol.43, no.2, pp.137-143, 2019 (SCI-Expanded)
- XIV. **Comparative effects of methylprednisolone and tetracosactide (ACTH(1-24)) on ischemia/reperfusion injury of the rabbit spinal cord**  
Kertmen H., Celikoglu E., Ozturk O. C., Gurer B., Bozkurt H., Kanat M. A., Arikok A. T., ERGÜDER B. İ., Sargon M. F., Sekerci Z.  
ARCHIVES OF MEDICAL SCIENCE, vol.14, no.6, pp.1459-1470, 2018 (SCI-Expanded)
- XV. **Nitric oxide and arginase levels in peri-implant tissues after delayed loading**  
GÖKMENOĞLU C., ÖZMERİÇ KURTULUŞ N., Sungur C., Bildik R. S., Erguder I., ELGÜN ÜLKAR S.  
ARCHIVES OF ORAL BIOLOGY, vol.85, pp.207-211, 2018 (SCI-Expanded)
- XVI. **The effect of periodontal therapy on neopterin and vascular cell adhesion molecule-1 levels in chronic periodontitis patients with and without acute myocardial infarction: a case-control study**

TURGUT ÇANKAYA Z., BODUR A., TAÇOY G., Erguder I., Aktuna D., Cengel A.

JOURNAL OF APPLIED ORAL SCIENCE, vol.26, 2018 (SCI-Expanded)

- XVII. **Comparative effects of vitamin D and methylprednisolone against ischemia/reperfusion injury of rabbit spinal cords**  
Gurer B., Karakoc A., Bektasoglu P. K., Kertmen H., Kanat M. A., Arikok A. T., Erguder B. İ., Sargon M. F., Ozturk O. C., Celikoglu E.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.813, pp.50-60, 2017 (SCI-Expanded)
- XVIII. **The Protective Effect of Omeprazole Against Traumatic Brain Injury: An Experimental Study**  
Ozay R., Turkoglu M. E., Gurer B., Dolgun H., EVİRGEN O., ERGÜDER B. İ., Hayirli N., Gurses L., Sekerci Z.  
WORLD NEUROSURGERY, vol.104, pp.634-643, 2017 (SCI-Expanded)
- XIX. **Does Decorin Protect Neuronal Tissue via Its Antioxidant and Antiinflammatory Activity from Traumatic Brain Injury? An Experimental Study**  
Ozay R., Turkoglu E., Gurer B., Dolgun H., EVİRGEN O., ERGÜDER B. İ., Hayirli N., Gurses L., Sekerci Z., Yilmaz E. R.  
WORLD NEUROSURGERY, vol.97, pp.407-415, 2017 (SCI-Expanded)
- XX. **Follicular fluid norepinephrine and dopamine concentrations are higher in polycystic ovary syndrome**  
Musali N., ÖZMEN B., ŞÜKÜR Y. E., ERGÜDER B. İ., ATABEKOĞLU C. S., SÖNMEZER M., BERKER B., Aytac R.  
GYNECOLOGICAL ENDOCRINOLOGY, vol.32, no.6, pp.460-463, 2016 (SCI-Expanded)
- XXI. **Effects of carbon dioxide pneumoperitoneum on postoperative adhesion formation and oxidative stress in a rat cecal abrasion model**  
Dalgic T., Oymaci E., Bostanci E. B., Cakir T., Kece C., Erguder I., Akoglu M.  
INTERNATIONAL JOURNAL OF SURGERY, vol.21, pp.57-62, 2015 (SCI-Expanded)
- XXII. **Potential neuroprotective effect of Anakinra in spinal cord injury in an in vivo experimental animal model**  
Hasturk A. E., Yilmaz E. R., Turkoglu E., ARIKAN Ş. M., Togral G., Hayirli N., ERGÜDER B. İ., EVİRGEN O.  
NEUROSCIENCES, vol.20, no.2, pp.124-130, 2015 (SCI-Expanded)
- XXIII. **Neuroprotective effects of testosterone on ischemia/reperfusion injury of the rabbit spinal cord**  
Guerer B., Kertmen H., Kasim E., Yilmaz E. R., Kanat B. H., Sargon M. F., Arikok A. T., ERGÜDER B. İ., Sekerci Z.  
INJURY-INTERNATIONAL JOURNAL OF THE CARE OF THE INJURED, vol.46, no.2, pp.240-248, 2015 (SCI-Expanded)
- XXIV. **Therapeutic evaluation of interleukin 1-beta antagonist Anakinra against traumatic brain injury in rats**  
Hasturk A. E., Yilmaz E. R., Turkoglu E., Kertmen H., Horasanli B., Hayirli N., Erguder I. B., EVİRGEN O.  
ULUSAL TRAVMA VE ACIL CERRAHI DERGISI-TURKISH JOURNAL OF TRAUMA & EMERGENCY SURGERY, vol.21, no.1, pp.1-8, 2015 (SCI-Expanded)
- XXV. **Antioxidant and antiapoptotic effects of darbepoetin-alpha against traumatic brain injury in rats**  
Kertmen H., Gurer B., Yilmaz E. R., Kanat M. A., Arikok A. T., ERGÜDER B. İ., Hasturk A. E., Ergil J., Sekerci Z.  
ARCHIVES OF MEDICAL SCIENCE, vol.11, no.5, pp.1119-1128, 2015 (SCI-Expanded)
- XXVI. **The comparative effects of recombinant human erythropoietin and darbepoetin-alpha on cerebral vasospasm following experimental subarachnoid hemorrhage in the rabbit**  
Kertmen H., Gurer B., Yilmaz E. R., Arikok A. T., Kanat M. A., ERGÜDER B. İ., Sekerci Z.  
ACTA NEUROCHIRURGICA, vol.156, no.5, pp.951-962, 2014 (SCI-Expanded)
- XXVII. **The Effect of Light-Emitting Diode Photobiomodulation on Implant Stability and Biochemical Markers in Peri-Implant Crevicular Fluid**  
GÖKMENOĞLU C., ÖZMERİÇ KURTULUŞ N., Erguder I., ELGÜN ÜLKAR S.  
PHOTOMEDICINE AND LASER SURGERY, vol.32, no.3, pp.138-145, 2014 (SCI-Expanded)
- XXVIII. **Effects of aqueous soybean, mistletoe and red clover extracts on activities of adenosine deaminase and xanthine oxidase enzymes**  
Namuslu M., Kocaoglu H., Celik H. T., Avci A., Devrim E., Genc Y., Gocmen E., Erguder I. B., Durak I.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, no.6, pp.367-371, 2014 (SCI-Expanded)
- XXIX. **The protective effect of low-dose methotrexate on ischemia-reperfusion injury of the rabbit spinal cord**

- Kertmen H., Gurer B., Yilmaz E. R., Sanli A. M., Sorar M., Arikok A. T., Sargon M. F., Kanat M. A., ERGÜDER B. İ., Sekerci Z.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.714, no.1-3, pp.148-156, 2013 (SCI-Expanded)
- XXX. **Urinary Cotinine and Breath Carbon Monoxide Levels Among Bar and Restaurant Employees in Ankara**  
Caman O. K., ERGÜDER B. İ., ÖZCEBE L. H., Bilir N.  
NICOTINE & TOBACCO RESEARCH, vol.15, no.8, pp.1446-1452, 2013 (SCI-Expanded)
- XXXI. **Relationship of paraoxonase-1, malondialdehyde and mean platelet volume with markers of atherosclerosis in familial Mediterranean fever: an observational study**  
Ariturk O. K., ÜRETEN K., Sari M., YAZIHAN N., Ermis E., Erguder I.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.13, no.4, pp.357-362, 2013 (SCI-Expanded)
- XXXII. **The protective effect of 2-mercaptoethane sulfonate (MESNA) against traumatic brain injury in rats**  
Yilmaz E. R., Kertmen H., Gürer B., Kanat M. A., Arikok A. T., ERGÜDER B. İ., Hasturk A. E., Ergil J., Sekerci Z.  
Acta Neurochirurgica, vol.155, no.1, pp.141-149, 2013 (SCI-Expanded)
- XXXIII. **EFFECTS OF CRT MONITOR-EMITTED RADIATION IN RAT TISSUES: PREVENTIVE EFFECT OF VITAMIN C**  
SERİN KILIÇOĞLU S., Tabak S., Avci 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)
- XXXIV. **Effects of darbepoetin-alpha in spinal cord ischemia-reperfusion injury in the rabbit**  
Yilmaz E. R., Kertmen H., Dolgun H., Gürer B., Sanli A. M., Kanat M. A., Arikok A. T., Bahsi S. Y., ERGÜDER B. İ., Sekerci Z.  
Acta Neurochirurgica, vol.154, no.6, pp.1037-1044, 2012 (SCI-Expanded)
- XXXV. **Effects of grape consumption on plasma and erythrocyte antioxidant parameters in elderly subjects**  
Avci 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)
- XXXVI. **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)
- XXXVII. **Citrate, oxalate, sodium, and magnesium levels in fresh juices of three different types of tomatoes: evaluation in the light of the results of studies on orange and lemon juices**  
Yilmaz E., Batislam E., Kacmaz M., Erguder I.  
INTERNATIONAL JOURNAL OF FOOD SCIENCES AND NUTRITION, vol.61, no.4, pp.339-345, 2010 (SCI-Expanded)
- XXXVIII. **Neuroprotective effect of mesna (2-mercaptoethane sulfonate) against spinal cord ischemia/reperfusion injury in rabbits**  
Dolgun H., Sekerci Z., Turkoglu E., Kertmen H., Yilmaz E. R., Anlar M., Erguder I. B., TUNA H.  
JOURNAL OF CLINICAL NEUROSCIENCE, vol.17, no.4, pp.486-489, 2010 (SCI-Expanded)
- XXXIX. **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)
- XL. **The effects of cigarette smoking on serum oxidant status, and cholesterol, homocysteine, folic acid, copper, and zinc levels in university students**  
Ergüder I. B., UÇAR A., Aritürk I., Ergüder T., Avci A., Hasipek S., Sunguroğlu K.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.39, no.4, pp.513-517, 2009 (SCI-Expanded)
- XLI. **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)
- XLII. **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)
- XLIII. **Activities of xanthine oxidase and superoxide dismutase enzymes in rat intestinal tissues in sepsis**  
DEVİRİM 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)
- XLIV. **Citrate levels in fresh tomato juice: A possible dietary alternative to traditional citrate supplementation in stone-forming patients**  
Yilmaz E., Batislam E., Basar M., Tuglu D., Erguder I.  
UROLOGY, vol.71, no.3, pp.379-383, 2008 (SCI-Expanded)
- XLV. **High-cholesterol diet increases xanthine oxidase and decreases nitric oxide synthase activities in erythrocytes from rats**  
DEVİRİM E., Ergueder I. B., Oezbek H., Durak I.  
NUTRITION RESEARCH, vol.28, no.3, pp.212-215, 2008 (SCI-Expanded)
- XLVI. **Tissue reactions of suture materials (polyglactine 910, chromed catgut and polydioxanone) on rat bladder wall and their role in bladder stone formation**  
KOŞAN T. M., Gonulalan U., Ozturk B., Kulacoglu S., Erguder I., Akdemir O., Cetinkaya M.  
UROLOGICAL RESEARCH, vol.36, no.1, pp.43-49, 2008 (SCI-Expanded)
- XLVII. **The ultrastructural research of liver in experimental obstructive jaundice and effect of honey**  
Kilicoglu B., Gencay C., Kismet K., SERİN KILIÇOĞLU S., Erguder I., Erel S., Sunay A. E., Erdemli E., DURAK İ., Akkus M. A.  
AMERICAN JOURNAL OF SURGERY, vol.195, no.2, pp.249-256, 2008 (SCI-Expanded)
- XLVIII. **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**  
DEVİRİM 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)
- XLIX. **Malondialdehyde and nitric oxide levels in erythrocytes from patients with systemic sclerosis**  
DEVİRİM 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)
- L. **Ionic high-osmolar contrast medium causes oxidant stress in kidney tissue: Partial protective role of ascorbic acid**  
Cetin M., DEVİRİM 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)
- LI. **Effects of garlic and black grape extracts on the activity of adenosine deaminase from cancerous and noncancerous human urinary bladder tissues**  
DURAK İ., Biri H., Erguder I. B., Devrim E., Senocak C., Avci A.  
MEDICINAL CHEMISTRY RESEARCH, vol.16, no.6, pp.259-265, 2007 (SCI-Expanded)
- LII. **Effects of cooking techniques on antioxidant enzyme activities of some fruits and vegetables**  
ERGÜDER B. İ., Avci A., DEVİRİM E., DURAK İ.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.37, no.3, pp.151-156, 2007 (SCI-Expanded)
- LIII. **Effects of apple consumption on plasma and erythrocyte antioxidant parameters in elderly subjects**  
Avci A., Atli T., Ergueder I. B., VARLI M., DEVİRİM E., Turgay S. A. M., Durak I.  
EXPERIMENTAL AGING RESEARCH, vol.33, no.4, pp.429-437, 2007 (SCI-Expanded)
- LIV. **Oxidant/antioxidant status of placenta, blood, and cord blood samples from pregnant women supplemented with iron**  
Devrim E., Tarhan I., Erguder I. B., Durak I.  
JOURNAL OF THE SOCIETY FOR GYNECOLOGIC INVESTIGATION, vol.13, no.7, pp.502-505, 2006 (SCI-Expanded)
- LV. **Short-term effects of smoking cessation on blood antioxidant parameters and paraoxonase activity in healthy asymptomatic long-term cigarette smokers**  
Erguder I. B., Erguder T., Ozkan C., Bozkurt N., Soyly K., Devrim E., Durak I.  
INHALATION TOXICOLOGY, vol.18, no.8, pp.575-579, 2006 (SCI-Expanded)
- LVI. **Effects of cyclosporine on oxidant/antioxidant status in rat ovary tissues: Protective role of black**

### **grape extract**

Erguder I., Cetin R., Devrim E., Kilicoglu B., Avci A., Durak I.

INTERNATIONAL IMMUNOPHARMACOLOGY, vol.5, no.7-8, pp.1311-1315, 2005 (SCI-Expanded)

**LVII. 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)

**LVIII. 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)

**LIX. 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)

### **Articles Published in Other Journals**

- I. **Cinnamaldehyde has ameliorative effects on rabbit spinal cord ischemia and reperfusion injury**  
Kuru Bektaşoğlu P., Arıkök A. T., ERGÜDER B. İ., Sargon M. F., Altun S. A., Ünlüler C., Börekci A., Kertmen H., Çelikoğlu E., Gürer B.  
World Neurosurgery: X, vol.21, 2024 (Scopus)
- II. **Determination of Pentraxin 3 Levels in Diagnosis of Testicular Torsion in Experimental Rat Model**  
BAHADIR K., ATEŞ U., ERGÜN E., GÖLLÜ BAHADIR G., EKBERLİ G., DURMAZ M., BİLLUR D., ERGÜDER B. İ., ÇAKMAK A. M.  
Ankara Üniversitesi Tıp Fakültesi Mecmuası, vol.76, pp.154-158, 2023 (Peer-Reviewed Journal)
- III. **Elevated Angiogenic Factor Levels After Transarterial Radioembolization for Colorectal Cancer Liver Metastases May Predict a Poor Prognosis**  
Soydal Ç., Araz M., Durmaz M., Özkan E., Ergüder B. İ., Küçük N. Ö., Bilgiç S., Elhan A. H., Geçim İ. E.  
Molecular Imaging and Radionuclide Therapy, vol.31, no.2, pp.114-122, 2022 (Scopus)
- IV. **Evaluation of Oxidant/Antioxidant System, IL-6 and IL-10 Parameters and SOD-Enzyme Activity in Pregnancy with Down Syndrome in Amnion Fluid Analysis**  
Bahsi S., Bakir A., Topcu V., Bahsi T., ERGÜDER B. İ.  
GAZI MEDICAL JOURNAL, vol.33, no.1, pp.53-57, 2022 (ESCI)
- V. **Anorexigenic peptide (leptin, obestatin, nesfatin-1) levels and their impact on assisted reproductive technology treatment outcomes in patients with polycystic ovary syndrome**  
VARLI B., ŞÜKÜR Y. E., ÖZMEN B., Ergüder B. İ., SÖNMEZER M., BERKER B., Atabekoğlu C., Aytaç R.  
CLINICAL AND EXPERIMENTAL REPRODUCTIVE MEDICINE, vol.48, no.4, pp.368-373, 2021 (ESCI)
- VI. **Mediterranean diet and breastfeeding reduce the risk of gallstone in women**  
Sahin S., Erguder E., Pekcici M. R., ERGÜDER B. İ.  
MEDITERRANEAN JOURNAL OF NUTRITION AND METABOLISM, vol.13, no.4, pp.319-328, 2020 (ESCI)
- VII. **Etanercept prevents histopathological damage after spinal cord injury in rats**  
hasturk a. e., BARAN Ç., yılmaz e. r., arıkan m., Togral G., Hayırlı N., ERGÜDER B. İ., EVİRGEN O.  
Asian Journal of Neurosurgery, vol.13, no.1, pp.37-45, 2018 (Peer-Reviewed Journal)
- VIII. **Therapeutic evaluation of tumor necrosis factor-alpha antagonist etanercept against traumatic brain injury in rats: Ultrastructural, pathological, and biochemical analyses**  
Hasturk a. E., gokce e. c., Yılmaz E. R., HORASANLI B., EVİRGEN O., HAYIRLI E. N., gokturk h., ERGÜDER B. İ., CAN B.  
Asian Journal of Neurosurgery, vol.13, no.4, pp.1018, 2018 (Peer-Reviewed Journal)
- IX. **Progesteron'un Tavşan Spinal Kord İskemi/Reperfüzyon Hasarında Nöroprotektif Etkileri**  
Öztürk Ö. Ç., GÜRER B., KERTMEN H. H., BOZKURT H., Kasim E., Kanat M. A., Arıkök A. T., ERGÜDER B. İ., SARGON M. F., ŞEKERCİ Z.

Türk Nöroşirurji Dergisi, vol.26, no.3, pp.207-217, 2017 (Peer-Reviewed Journal)

- X. **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., külahçioğlu e.  
Rheumatology: Current Research, vol.5, no.04, 2015 (Peer-Reviewed Journal)
- XI. **Importance of X STR Analysis in Forensic Science**  
Eroğlu A., Bayram Y., ERGÜDER B. İ., KAYAALTI Z., RÜSTEMOĞLU A.  
Turkish Journal of Forensic Medicine, vol.29, no.3, pp.187-204, 2015 (Peer-Reviewed Journal)
- XII. **Viburnum opulus could it be a new alternative such as lemon juice to pharmacological therapy in hypocitraturic stone patients**  
ERGÜDER B. İ.  
ARCH ITAL UROL ANDROL, 2014 (Peer-Reviewed Journal)
- XIII. **Compared effects of levetiracetam and methylprednisolone in spinal cord ischemia-reperfusion injury in the rabbit Levetirasetamin ve metilprednizolonun tavşan spinal kord iskemi-reperfüzyon hasan üzerine karşılaştırmalı etkileri**  
Yılmaz E. R., Gürer B., Özsoy U., Kertmen H., Dolgun H., Kanat M. A., Arıkok A. T., ERGÜDER B. İ., Şekercia Z.  
Turkiye Klinikleri Cardiovascular Sciences, vol.23, no.3, pp.242-249, 2011 (Scopus)
- XIV. **Oxidant stress due to non ionic low osmolar contrast medium in rat kidney.**  
Ergüder B. İ.  
Indian Council of Medical Research, vol.130, no.4, pp.433-436, 2009 (Peer-Reviewed Journal)

## Books & Book Chapters

- I. **Zehirlenmenin Epidemiyolojisi**  
ERGÜDER B. İ., ŞAHNA E., İŞMAN F. K.  
in: Klinik Toksikoloji Laboratuvarı, Necip İlhan, Editor, Güler Matbaacılık, Elazığ, pp.1-10, 2017
- II. **Solunum Zinciri-Oksidatif Fosforilasyon**  
ERGÜDER B. İ.  
in: Temel/Klinik Biyokimya, Hatice Paşaoğlu, Editor, Pelikan, Ankara, pp.421-434, 2017
- III. **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. **THE EFFECTS OF CEREBROLYSIN ON OXIDATIVE STRESS, INFLAMMATION, APOPTOSIS AND NEUROLOGICAL RECOVERY IN EXPERIMENTAL RABBIT SPINAL CORD ISCHEMIA/REPERFUSION INJURY MODEL**  
Tonge Ç., Kuru Bektaşoğlu P., Gülmez A., Emrahoglu M., Türkoglu M., Arıkok A., Ergüder B. İ., Sargon M., Gürer B., Kertmen H. H.  
European Association of Neurosurgical Societies BRAIN AND SPINE 2, Belgrade, Serbia, 16 October 2022, vol.2, pp.101190
- II. **Cinnamaldehyde'in Tavşan Omurilik İskemisi ve Reperfüzyon Hasarı Üzerinde İyileştirici Etkileri Vardır**  
Kuru Bektaşoğlu P., Arıkok A. T., Ergüder B. İ., Sargon M. F., Akyıldız Altun S., Ünlüer C., Börekci A., Kertmen H. H., Çelikoğlu E., Gürer B.  
35. Türk Nöroşirurji Derneği Bilimsel Kongresi, Antalya, Turkey, 24 - 27 November 2022, pp.86
- III. **Sıçan modelinde kısa barsak sendromuna bağlı gelişen karaciğer fibrozisine probiyotik kullanımının**

**etkis**

Gurbanova A., Ergün E., Bülbül M., Ergüder B. İ., Erdemir S. K., Billur D., Yozgat A. H., Göncüoğlu M., İşgören A., Göllü Bahadır G.

39. Ulusal Çocuk Cerrahisi Kongresi, 12. Ulusal Pediatrik Üroloji Kongresi, 25. Ulusal Çocuk Cerrahisi Hemşireliği Kongresi, Aydın, Turkey, 2 - 05 November 2022

- IV. **Cinnamaldehyde has ameliorative effects on rabbit spinal cord ischemia and reperfusion injury**  
KURU BEKTAŞOĞLU P., Arıkök A. T., ERGÜDER B. İ., SARGON M. F., AKYILDIZ ALTUN S., Ünlüer C., Börekci A., KERTMEN H. H., ÇELİKOĞLU E., GÜRER B.  
eEANS 2021 (European Association of Neurosurgical Societies annual meeting), Hamburg, Germany, 3 - 07 October 2021
- V. **Neuroprotective effect of niacin in rabbit spinal cord ischemia/reperfusion injury**  
Ermutlu İ., KURU BEKTAŞOĞLU P., Arıkök A. T., ERGÜDER B. İ., SARGON M. F., ELBİR Ç., Hazneci J., KERTMEN H. H., ÇELİKOĞLU E., GÜRER B.  
eEANS 2021 (European Association of Neurosurgical Societies annual meeting), Hamburg, Germany, 3 - 07 October 2021
- VI. **Role of citrulline and intestinal fatty acid binding protein in evaluation of acute gastrointestinal injury and dysfunction in septic patients**  
TEKEŞ M. A., DURMAZ M., ERDEMİR S. K., TALAN L., ERGÜDER B. İ., ALTINTAŞ N. D.  
ESICM LIVES 2020, Netherlands, 06 December 2020, vol.8, pp.568
- VII. **Kolorektal kanser karaciğer metastazlarında transarteriyel radyoembolizasyon sonrası anjiogenik yatınıt prognostik önemi**  
SOYDAL Ç., NAK D., ARAZ M., Durmaz M., ÖZKAN E., ERGÜDER B. İ., KÜÇÜK N. Ö., BİLGİÇ M. S., ELHAN A. H., GEÇİM İ. E.  
32. Ulusal Nükleer Tıp Kongresi, Turkey, 20 - 21 November 2020, vol.6, pp.3
- VIII. **İDRARDA "ATİPİK HÜCRE" PARAMETRESİNİN MESANE KANSERİ VE DİĞER PATOLOJİLER İLE İLİŞKİSİ**  
ERGÜDER B. İ., Küçükkepeci E. E., Mutlu M., Ardiç İ. N., Yiğit M. S., Uruç M. D., Ayhan Z., Ayaş M. R.  
Uluslararası Laboratuvar Tıbbi ve XIX. Ulusal Klinik Biyokimya Kongresi, 25 - 28 April 2019
- IX. **ACTH (ADRENOKORTİKOTROPİK HORMON) ÖLÇÜMÜNDE N-FENİLMALİMİD'XXİN HEMOLİZ ÜZERİNE KORUYUCU ETKİSİ**  
ERGÜDER B. İ., Durmaz M.  
1. International Mediterranean Symposium, 1 - 03 November 2018
- X. **Çocuklarda Apendisit Tanısında Pentraxin 3 düzeylerinin belirlenmesi / Determination of Pentraxin 3 levels in diagnosis of appendicitis in children**  
ATEŞ U., BAHADIR K., ERGÜN E., GÖLLÜ BAHADIR G., DURMAZ M., GÜNAY F., ERGÜDER B. İ., KOLOĞLU M., YAĞMURLU E. A., DİNDAR H., et al.  
3rd Annual Congress of IPEG-MEC/ 36th Annual Congress of TAPS / 22nd Annual Congress of PSNA, İzmir, Turkey, 24 - 27 October 2018
- XI. **Determination of Pentraxin 3 levels in diagnosis of appendicitis in children.**  
ATEŞ U., BAHADIR K., ERGÜN E., GÖLLÜ BAHADIR G., DURMAZ M., GÜNAY F., ERGÜDER B. İ., KOLOĞLU M., YAĞMURLU E. A., DİNDAR H., et al.  
36th Annual Congress of TAPS, 3rd Annual Congress of IPEGME, İzmir, Turkey, 24 - 27 October 2018
- XII. **The Alteration of Thiol/Disulphide Hemostasis and Bilirubin Levels in Children with Appendicitis.**  
MAMMADOV F., GÖLLÜ BAHADIR G., ATEŞ U., EREL Ö., ALIŞIK M., ERGÜDER B. İ., KOLOĞLU M., YAĞMURLU E. A., AKTUĞ T., DİNDAR H.  
19th Annual Meeting of the European Paediatric Endoscopic Surgeons, Paris, France, 20 - 23 June 2018
- XIII. **Anorexigenic peptide (leptin, obestatin, nesfatin-1) levels and their impact on IVF/ICSI outcome in patients with polycystic ovary syndrome**  
VARLI B., ÖZMEN B., ERGÜDER B. İ., ŞÜKÜR Y. E., ATABEKOĞLU C. S., SÖNMEZER M., BERKER B.  
The European Board College of Obstetrics and Gynaecology polycystic ovary syndrome., 8 - 10 March 2018
- XIV. **Genetic Analysis Of 12 STR Loci Chromosome X-Linked In Turkey**



Erođlu A., ERGÜDER B. İ., RÜSTEMOĐLU A.

International 14th Anatolian Forensic Sciences Congress, 20 - 22 October 2017

- XV. **Türkiye’de X Kromozomuna Bağlı 12 STR Lokusunun Genetik Analizi**  
Erođlu A., ERGÜDER B. İ., RÜSTEMOĐLU A.  
14. Uluslararası Anadolu Adli Bilimler Kongresi, 20 - 22 October 2017
- XVI. **Neuroprotective Effects of Calcitriol on Ischemia/Reperfusion Injury of the Rabbit Spinal Cord**  
GÜRER B., KARAKOÇ A., BEKTAŞOĐLU P. K., KERTMEN H. H., KANAT M. A., Arikok A. T., ERGÜDER B. İ., SARGON M. F., ÖZTÜRK Ö. Ç., ÇELİKOĐLU E.  
16. WORLD NEUROSURGERY CONGRESS, İstanbul, Turkey, 20 - 25 August 2017, vol.27
- XVII. **evaluation of the effects of rapid maxillary expansion on pain and cytokine levels**  
çağlayan topal s., BALOŞ TUNCER B., ELGÜN ÜLKAR S., ERGÜDER B. İ., ÖZMERİÇ KURTULUŞ N.  
93rd Congress of the European Orthodontic Society, 5 - 10 June 2017
- XVIII. **Kalsitriol’ün Tavşan Spinal Kord İskemi/Reperfüzyon Hasarında Nöroprotektif Etkileri.**  
GÜRER B., KARAKOÇ A., BEKTAŞOĐLU P. K., KERTMEN H. H., KANAT M. A., Arikok A. T., ERGÜDER B. İ., SARGON M. F., ÖZTÜRK Ö. Ç., ŞEKERCİ Z.  
Türk Nöroşirurji Derneđi 31. Ulusal Bilimsel Kongresinde, Ankara, Turkey, 29 March - 02 April 2017, vol.27
- XIX. **Evaluation of oxidant/antioxidant system parameters, IL-6 and IL-10 levels in amniotic fluid of pregnancies with Down syndrome**  
ERGÜDER B. İ., Bahsi S., Bahsi T., Topcu V., Bakir A.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.393-394
- XX. **Lipemia Interference on Ethanol Assay**  
DOĐAN Ö., GENÇ M., KARAEREN Z., ERGÜDER B. İ., AVCI A.  
2nd International Congress of Forensic toxicology, 26 - 30 May 2016
- XXI. **LIPEMIA INTERFERENCE ON ETHANOL ASSY**  
DOĐAN Ö., GENÇ M., KARAEREN Z., ERGÜDER B. İ., AVCI A.  
2. INTERNATIONAL CONGRESS of FORENSIC TOXICOLOGY, 26 - 30 May 2016
- XXII. **FOLLICULAR FLUID LEVELS OF NOREPINEPHRINE AND DOPAMINE ARE HIGHER IN POLYCYSTIC OVARIAN SYNDROME (PCOS) AFTER CONTROLLED OVARIAN STIMULATION (COS).**  
Ozmen B., Musali N., SEVAL M. M., Sonmezer M., Atabekoglu C. S., BERKER B., Erguder B. İ.  
70th Annual Meeting of the American-Society-for-Reproductive-Medicine, Hawaii, United States Of America, 18 - 22 October 2014, vol.102
- XXIII. **Üniversite öğrencilerinde sigaranın serum oksidan antioksidan sistem kolesterol homosistein folik asit bakır ve çinko seviyeleri üzerine etkisi**  
ERGÜDER B. İ., UÇAR A., AVCI A., SENİHA H., kadirhan s.  
Uluslar arası katılımlı Üçüncü Sigara veya Sağlık Ulusal Kongresi, Ankara, Turkey, 16 - 18 November 2006
- XXIV. **Antiproliferative and apoptotic effects of garlic on chronic myeloid leukemia cell line**  
Sungurođlu 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
- XXV. **Effects of aqueous garlic extract on oxidant antioxidant status in 32D and 32Dp cell lines**  
DURAK İ., SUNGUROĐLU A., AVCI A., DEVRİM E., ERGÜDER B. İ., GÜMÜŞ AKAY G., BAYDIN P., VAROL N., AKÇORA D., ALTINOK ZAIM B., et al.  
54th Annual Congress on Medicinal Plant Research, Helsinki, Finland, 29 August - 02 September 2006, vol.72
- XXVI. **HDL-Kolesterol, LDL Kolesterol ve Beslenme**  
TEKİNER A. S., CEYHUN PEKER A. G., ERGÜDER B. İ., KARAEREN Z., Elmalı E.  
VI.Ulusal Aile Hekimliği Kongresi, Bursa, Turkey, 04 May 2004
- XXVII. **Serum HDL-Kolesterol düzeyleri için referans aralığı çalışması**  
ERGÜDER B. İ., KARAEREN Z., Elmalı E., TEKİNER A. S., CEYHUN PEKER A. G.  
Klinik Biyokimya Günleri Klinik Biyokimya Uzmanları Derneđi 1. Ulusal Kongresi, Nevşehir, Turkey, 01 October 2003

## Expert Reports

- I. **Comparison between protective effect of vitamin K and vitamin A on modulation short term toxicity of hypervitaminosis D3 in adult albino rats**

ERGÜDER B. İ.

2015

## Supported Projects

Araz M., Kanat Ö. N., Ergüder B. İ., Orhan K., TUBITAK Project, Periodontitisli Osteoporotik Hastalarda, Osteoanabolik / Anti-Rezorptif Ajanların Ve Periodontal Tedavinin Kemik Biyobelirteçleri, Büyüme Faktörleri Ve Yaşam Kalitesine Etkilerinin Değerlendirilmesi, 2024 - 2027

Billur D., Yozgat A. H., Ergüder B. İ., Project Supported by Higher Education Institutions, Ergenlik Dönemindeki Dişi Sıçanların Ovaryum ve Yağ Dokusunda Speksin Ekspresyon Düzeylerinin Araştırılması, 2023 - 2024

Yalçındağ F. N., Aydoğdu H. İ., ERGÜDER B. İ., Project Supported by Higher Education Institutions, Behçet Üveitli Hastalarda Serum 25-OHD ve 1,25-OHD Düzeylerinin Araştırılması, 2023 - 2023

Çakmak A. M., ERGÜDER B. İ., Project Supported by Other Official Institutions, Deneysel Testis Torsiyonu ve Epididimoorşit Modelinde Serum Pentraxin 3 Düzeyi Belirlenmesi, 2018 - 2020

ERGÜDER B. İ., Project Supported by Higher Education Institutions, Türkiye de X Kromozomuna Bağlı 12 STR Lokusunun Genetik Analizi, 2013 - 2015

ERGÜDER B. İ., Project Supported by Higher Education Institutions, Meme kanserinde serum VEGF C VEGF D ve VEGFR 3 düzeylerini belirlemek ve lenf nodu metastazı arasındaki ilişkisini değerlendirmek Ankara Üniversitesi BAP 2014 14H0230005, 2014 - 2014

ERGÜDER B. İ., Project Supported by Higher Education Institutions, PCOS ve PCOS olmayan IVF vakalarında follüküler sıvıda dopamin ve norepinefrin düzeylerinin incelenmesi ovulasyon indüksiyonu ve IVF sonuçlarına etkisinin değerlendirilmesi Ankara Üniversitesi BAP 2013 2014 13B3330003, 2013 - 2014

ERGÜDER B. İ., Project Supported by Higher Education Institutions, Amniyon sıvı incelenmesinde Down Sendromu tespit edilmiş gebelerde oksidan antioksidan sistem IL 6 ve IL 10 parametrelerinin değerlendirilmesi Ankara Üniversitesi BAP 2013 2014 13L3330008, 2013 - 2014

ERGÜDER B. İ., TUBITAK Project, Akut Myeloid Lösemide Beta Katenin Proteinin Düzenlediği Genlerin Genom Ebadında İncelenmesi ve Olası İlaç Hedeflerinin Belirlenmesi Tübitak 1001 projesi 109S117, 2009 - 2011

## Metrics

Publication: 109

Citation (WoS): 695

Citation (Scopus): 842

H-Index (WoS): 17

H-Index (Scopus): 19