

Prof. TUĞBA AKBAY



Personal Information

Email: ttunali@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/ttunali>

International Researcher IDs

ScholarID: ZLyfUiwAAAAJ

ORCID: 0000-0002-2091-9298

Publons / Web Of Science ResearcherID: AAS-4127-2020

ScopusID: 24067816000

Yoksis Researcher ID: 191633



Education Information

Doctorate, Marmara University, Institute of Health Sciences, Biyokimya (YI) (Tezli)
(Eczacılık), Turkey 1997 - 2002

Postgraduate, Marmara University, Institute of Health Sciences, Biyokimya (YI) (Tezli)
(Eczacılık), Turkey 1993 - 1996

Undergraduate, Marmara University, Faculty of Arts and Sciences, Chemistry, Turkey
1989 - 1993

Dissertations

Postgraduate, Deneysel diyabette deri proteinlerinin ve antioksidan sistem elemanlarının incelenmesi, Marmara Üniversitesi, Institute of Health Sciences, Biyokimya (YI) (Tezli) (Eczacılık), 1996

Research Areas

Health Sciences, Natural Sciences

Academic Titles / Tasks

Professor, Marmara University, Faculty of Dentistry, Basic Medical Sciences (Faculty of Dentistry), 2013 - Continues

Associate Professor, Marmara University, Faculty of Dentistry, Basic Medical Sciences (Faculty of Dentistry), 2006 - 2013

Research Assistant, Marmara University, Faculty of Dentistry, Basic Medical Sciences (Faculty of Dentistry), 1993 - 2006

Academic and Administrative Experience

Ethics Committee Member, Marmara University, Faculty of Dentistry, Basic Medical Sciences (Faculty of Dentistry), 2015
- Continues

DENEY HAYVANLARI ARAŞTIRMA VE UYGULAMA MERKEZİ YÖNETİM KURULU ÜYESİ, Marmara University, Faculty of
Dentistry, Basic Medical Sciences (Faculty of Dentistry), 2015 - 2018

Advising Theses

- AKBAY T., Farklı konsantrasyonlarda süte eklenen fluoksetinin polikaprolakton esaslı ve immünosorbent özellikli filtre aracılığı ile uzaklaştırılması, Postgraduate, H.DUDU(Student), 2018
- AKBAY T., Mersin bitkisinin (*Myrtus communis* subsp. *communis*) termal deri yanığı üzerine etkisi, Postgraduate, O.ÖZCAN(Student), 2017
- AKBAY T., Streptozotosin ile oluşturulan deneysel diyabette insülin ve melatonin tedavisinin beyin dokusu üzerine etkilerini incelenmesi, Postgraduate, B.GÜREL(Student), 2016
- AKBAY T., Sulu sarımsak ekstrelerinin deneysel sepsis modelinde böbrek hasarı üzerine etkisi, Postgraduate, H.İPEKÇİ(Student), 2015
- AKBAY T., Sağlıklı ve diyabetik kişilerden elde edilen kan hücrelerinin doku faktörü aktivitesi üzerine *Candida albicans*'in etkisinin in vitro incelenmesi, Postgraduate, S.GÜLER(Student), 2011
- AKBAY T., Trinitrobenzen sülfonik asit (TNBS) ile oluşturulan deneysel kolitte çörek otu (*Nigella sativa*) yağının koruyucu etkisinin incelenmesi, Postgraduate, F.İŞİK(Student), 2009

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Neuroprotective effect of *Myrtus communis* against ionizing radiation-induced brain injury: Insights from histopathological and biochemical analysis in rats**
Aslan D., Alan B., Yay N., Karaoglu S., Ertas B., Sen A., Ceylan C., Akbay T., Ercan F., Atasoy B.
JOURNAL OF RADIATION RESEARCH AND APPLIED SCIENCES, vol.17, no.4, pp.1-10, 2024 (SCI-Expanded)
- II. **Comparison of the developmental effects of lactase or bisphenol A antibody immobilized polycaprolactone/silk fibroin nanofibers on zebrafish embryos.**
Sivas G. G., Ünal İ., Gürel-Gökmen B., Emekli-Alturfan E. I., Tunali Akbay T.
Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association, vol.191, pp.114871, 2024 (SCI-Expanded)
- III. **Whey Protein Concentrate Ameliorates the Methotrexate-Induced Liver and Kidney Damage**
Tufan E., Sivas G. G., Gökmen B. G., Karaoğlu S. Y., DURSUN E., Ak E., Muhan A., ÖZBEYLİ D., Şener G., AKBAY T.
British Journal of Nutrition, vol.130, no.10, pp.1704-1711, 2023 (SCI-Expanded)
- IV. **Lactose hydrolyzing activity of the lactase immobilized polycaprolactone and silk fibroin-based nanofiber and nitrocellulose membrane**
Yılmaz-Karaoğlu S., Gürel-Gökmen B., AKBAY T.
Food Bioscience, vol.49, 2022 (SCI-Expanded)
- V. **Myrtle improves renovascular hypertension-induced oxidative damage in heart, kidney, and aortic tissue**
Arslan S., Ozcan O., Gurel-Gokmen B., ÇEVİKELLİ YAKUT Z. A., Saygi H. I., ŞEN A., GÖGER F., ERKANLI ŞENTÜRK G., Sener G., Tunali-Akbay T.
BIOLOGIA, vol.77, pp.1877-1888, 2022 (SCI-Expanded)
- VI. **Antiproliferative Activity of Whey and Casein Bioactive Peptides on Breast Cancer: An In Vitro and In Silico Study**
Sahna K. O., Cakir B., Tunali-Akbay T.
INTERNATIONAL JOURNAL OF PEPTIDE RESEARCH AND THERAPEUTICS, vol.28, no.4, 2022 (SCI-Expanded)
- VII. **Inhibitory effect of whey protein concentrate on SARS-CoV-2-targeted furin activity and spike protein-ACE2 binding in methotrexate-induced lung damage**
Tufan E., Sivas G. G., Gurel-Gokmen B., Yilmaz-Karaoglu S., Ercan D., ÖZBEYLİ D., Sener G., Tunali-Akbay T.
JOURNAL OF FOOD BIOCHEMISTRY, vol.46, no.6, 2022 (SCI-Expanded)
- VIII. **Polycaprolactone/silk fibroin electrospun nanofibers-based lateral flow test strip for quick and**

facile determination of bisphenol A in breast milk

Gurel-Gokmen B., Taslak H. D., Ozcan O., Ipar N., Tunali-Akbay T.

JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART B-APPLIED BIOMATERIALS, vol.109, no.10, pp.1455-1464, 2021 (SCI-Expanded)

- IX. **Potential anticarcinogenic effect of goat milk-derived bioactive peptides on HCT-116 human colorectal carcinoma cell line.**
Çakır B., Tunali-Akbay T.
Analytical biochemistry, vol.622, 2021 (SCI-Expanded)
- X. **Investigation of beta-lactoglobulin derived bioactive peptides against SARS-CoV-2 (COVID-19): In silico analysis**
Cakir B., OKUYAN B., ŞENER G., Tunali-Akbay T.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.891, 2021 (SCI-Expanded)
- XI. **Effect of Freezing Time on Tissue Factor Activity and Macronutrients of Human Milk**
Gokmen B. G., Ozcan O., Taslak H., Ipar N., Tunali-Akbay T.
PROTEIN JOURNAL, vol.39, no.5, pp.591-597, 2020 (SCI-Expanded)
- XII. **The effect of Myrtus communis L. ethanol extract on the small intestine and lungs in experimental thermal burn injury**
Ozcan O., Ipekci H., Alev B., Ustundag U. V., ŞEN A., ALTURFAN E. I., ŞENER G., YARAT A., Tunali-Akbay T.
JOURNAL OF THERMAL BIOLOGY, vol.93, 2020 (SCI-Expanded)
- XIII. **Validated Immunosorbent Surface-Based Determination of Theophylline in Milk**
AKBAY T., Ipekci H., YARAT A.
JOURNAL OF ANALYTICAL CHEMISTRY, vol.75, no.5, pp.640-644, 2020 (SCI-Expanded)
- XIV. **Usage of bioactivated PCL nanofiber as a fluoxetine capturing matrix in milk**
Taslak H. D., Gurel Gokmen B., Ozcan O., Tunali-Akbay T.
Separation Science and Technology (Philadelphia), vol.55, no.5, pp.828-834, 2020 (SCI-Expanded)
- XV. **Protective effect of Myrtle (Myrtus communis) on burn induced skin injury**
Ozcan O., Ipekci H., Alev B., Ustundag U., Ak E., Sen A., Alturfan E. I., Sener G., Yarat A., Cetinel Ş., et al.
BURNS, vol.45, no.8, pp.1856-1863, 2019 (SCI-Expanded)
- XVI. **Development of nanofiber based immunosorbent surface for the removal of fluoxetine from breast milk**
Tunali-Akbay T., Kahraman M. V., Oktay B., İpekçi H., Kayaman Apohan N.
International Journal of Polymeric Materials and Polymeric Biomaterials, vol.68, no.16, pp.947-955, 2019 (SCI-Expanded)
- XVII. **Melatonin improves hyperglycemia induced damages in rat brain**
Gurel-Gokmen B., İPEKÇİ H., OKTAY N. Ş., ALEV B., USTUNDAG U. V., AK E., AKAKIN D., ŞENER G., Emekli-Alturfan E. I., YARAT A., et al.
DIABETES-METABOLISM RESEARCH AND REVIEWS, vol.34, no.8, 2018 (SCI-Expanded)
- XVIII. **Effect of freezing time on tissue factor activity of breast milk**
Gurel-Gokmen B., Ozcan O., Taslak H. D., Akbay T.
FEBS OPEN BIO, vol.8, pp.275, 2018 (SCI-Expanded)
- XIX. **The effect of vitamin U on the lung tissue of pentylentetrazole-induced seizures in rats**
Oktay S., Bayrak G., Alev B., Ipekci H., Ustundag U. V., Turkyilmaz I. B., Pisiriciler R., Emekli-Alturfan E. I., Tunali-Akbay T., Yanardag R., et al.
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.391, no.2, pp.177-184, 2018 (SCI-Expanded)
- XX. **The effect of vitamin u on the lung tissue of pentylentetrazole-induced seizures in rats**
OKTAY N. Ş., BAYRAK G., ALEV B., İPEKÇİ H., USTUNDAG U. V., TÜRKYILMAZ İ. B., PİŞİRİCİLER R., ALTURFAN E. I., AKBAY T., YANARDAĞ R., et al.
Naunyn-Schmiedebergs Archives Of Pharmacology, vol.391, 2018 (SCI-Expanded)
- XXI. **Protective role of Edaravone against valproic acid induced changes in skin**
AKBAY T., ALEV TÜZÜNER B., TUNALI S., OKTAY N. Ş., İPEKÇİ H., KOÇ ÖZTÜRK L., YANARDAĞ R., YARAT A.
Indian Journal of Experimental Biology, vol.55, pp.286-291, 2017 (SCI-Expanded)

- XXII. **Protective role of Edaravone against valproic acid induced changes in skin**
AKBAY T., ALEV B., TUNALI S., OKTAY N. Ş., ALTURFAN E. I., İPEKÇİ H., KOÇ ÖZTÜRK L., YANARDAĞ R., YARAT A.
INDIAN JOURNAL OF EXPERIMENTAL BIOLOGY, vol.55, pp.286-291, 2017 (SCI-Expanded)
- XXIII. **Protective role of edavarone against valproic acid induced changes in skin**
AKBAY T., alev b., TUNALI S., OKTAY N. Ş., ALTURFAN E. I., ipekçi h., KOÇ ÖZTÜRK L., YANARDAĞ R., YARAT A.
Indian Journal of Experimental Biology, vol.55, pp.286-291, 2017 (SCI-Expanded)
- XXIV. **Effects of Chard (Beta VulgarisL. Var. Cicla) on Cardiac Damage in Valproic Acid-Induced Toxicity**
Ustundag U. V., Tunali S., Alev B., Ipekci H., Emekli-Alturfan E. I., AKBAY T., Yanardag R., YARAT A.
JOURNAL OF FOOD BIOCHEMISTRY, vol.40, no.2, pp.132-139, 2016 (SCI-Expanded)
- XXV. **Edaravone ameliorates the adverse effects of valproic acid toxicity in small intestine**
Oktay S., Alev B., Tunali S., Emekli-Alturfan E. I., Tunali-Akbay T., Koc-Ozturk L., Yanardag R., Yarat A.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.34, no.6, pp.654-661, 2015 (SCI-Expanded)
- XXVI. **Effects of edavarone on cardiac damage in valproic acid induced toxicity**
ALTURFAN E. I., Alev B., TUNALI S., OKTAY N. Ş., AKBAY T., KOÇ ÖZTÜRK L., YANARDAĞ R., YARAT A.
Ann Clin Lab Sci, vol.45, pp.166-172, 2015 (SCI-Expanded)
- XXVII. **Edavarone ameliorates the adverse effects of valproic acid toxicity in small intestine**
OKTAY N. Ş., Burçin A., TUNALI S., ALTURFAN E. I., AKBAY T., KOÇ ÖZTÜRK L., YANARDAĞ R., YARAT A.
Hum Exp Toxicol, vol.34, pp.654-661, 2015 (SCI-Expanded)
- XXVIII. **Oral health and related factors in a group of children with cystic fibrosis in Istanbul, Turkey**
Peker S., Kargul B., Tanboga I., Tunali-Akbay T., Yarat A., Karakoc F., Ersu R., Dagli E.
NIGERIAN JOURNAL OF CLINICAL PRACTICE, vol.18, no.1, pp.56-60, 2015 (SCI-Expanded)
- XXIX. **The effect of silymarin on the liver in thermal burn injury Termal yanıkda silmarinin karaciğer üzerine etkisi**
Yemişen E., YARAT A., Tunali Akbay T., Toklu H., ŞENER G.
Marmara Pharmaceutical Journal, vol.18, no.2, pp.56-61, 2014 (SCI-Expanded)
- XXX. **The Effect of Stinging Nettle (Urtica Diocia) Seed Oil on Experimental Colitis in Rats**
GENÇ Z., YARAT A., AKBAY T., ŞENER G., ÇETİNEL Ş., PİŞİRİCİLER R., AK E., ALTINTAŞ A.
J Med Food, 2011 (SCI-Expanded)
- XXXI. **The Effect of Stinging Nettle (Urtica dioica) Seed Oil on Experimental Colitis in Rats**
Genc Z., YARAT A., Tunali-Akbay T., ŞENER G., ÇETİNEL Ş., Pisiriciler R., Caliskan-Ak E., Altintas A., Demirci B.
JOURNAL OF MEDICINAL FOOD, vol.14, no.12, pp.1554-1561, 2011 (SCI-Expanded)
- XXXII. **Protective effects of black cumin (Nigella sativa) oil on TNBS-induced experimental colitis in rats**
IŞIK F., AKBAY T., YARAT A., GENÇ Z., PİŞİRİCİLER R., AK E., ŞENER G.
Digestive Diseases and Sciences, vol.56, no.3, pp.721-730, 2011 (SCI-Expanded)
- XXXIII. **Protective Effects of Black Cumin (Nigella sativa) Oil on TNBS-Induced Experimental Colitis in Rats**
Isik F., AKBAY T., Yarat A., Genc Z., Pisiriciler R., Caliskan-Ak E., Cetinel S., Altintas A., Sener G.
DIGESTIVE DISEASES AND SCIENCES, vol.56, no.3, pp.721-730, 2011 (SCI-Expanded)
- XXXIV. **Effect of Black Cumin Nigella sativa Oil on gastric tissue in experimental colitis**
ALTURFAN E. I., YARAT A., AKBAY T., Işık F., Yenidoğan G., ŞENER G., ŞEHİRLİ A. Ö., PİŞİRİCİLER R., AK E., Altıntaş A.
Advances in Environmental Biology, 2011 (SCI-Expanded)
- XXXV. **The effect of glurenorm (gliquidone) on aorta in STZ induced diabetic rats STZ ile diyabet oluşturulan sıçanlarda glurenormun (gliquidone) aort üzerine etkisi**
Tunali Akbay T., YARAT A., Sacan O., Yanardag R.
Kafkas Universitesi Veteriner Fakultesi Dergisi, vol.17, no.2, pp.235-238, 2011 (SCI-Expanded)
- XXXVI. **The Effect of Glurenorm Gliquidone on Aorta in STZ Induced Diabetic Rats Kafkas Uni Vet Fak Derg 17 2 235 238 2011**
AKBAY T., YARAT A., SAÇAN Ö., YANARDAĞ R.
Kafkas Uni. Vet. Fak. Derg., 2011 (SCI-Expanded)
- XXXVII. **Resveratrol protects against methotrexate-induced hepatic injury in rats**
Tunali-Akbay T., Sehirli O., ERCAN F., ŞENER G.
Journal of Pharmacy and Pharmaceutical Sciences, vol.13, no.2, pp.303-310, 2010 (SCI-Expanded)

- XXXVIII. **THE EFFECT OF BLACK CUMIN (*Nigella sativa*) SEED OIL ON EXPERIMENTAL COLITIS IN RATS**
YARAT A., Isik F., AKBAY T., Sener G., Sehirli A. O., ÇETİNEL Ş.
ANNALS OF NUTRITION AND METABOLISM, vol.55, pp.489-490, 2009 (SCI-Expanded)
- XXXIX. **Effects of sodium bicarbonate induced blood pH change on oxidant status and thromboplastic activity of the kidney and lung**
AKBAY T., Emiroğlu A., Gül N., YARAT A.
ASian Journal of Chemistry, vol.20, 2008 (SCI-Expanded)
- XL. **Silymarin, the Antioxidant Component of *Silybum marianum*, Prevents Sepsis-Induced Acute Lung and Brain Injury**
Toklu H. Z., Akbay T., Velioglu-Ogunc A., Ercan F., Gedik N., Keyer-Uysal M., ŞENER G.
Journal of Surgical Research, vol.145, no.2, pp.214-222, 2008 (SCI-Expanded)
- XLII. **Altered biochemical parameters in the saliva of patients with breast cancer**
Emekli-Alturfan E. I., Demir G., Kasikci E., Tunali-Akbay T., Pisiriciler R., Caliskan E., YARAT A.
Tohoku Journal of Experimental Medicine, vol.214, no.2, pp.89-96, 2008 (SCI-Expanded)
- XLIII. **Altered biochemical parameters in the saliva of patients with breast cancer**
Altered biochemical parameters in the saliva of patients with breast cancer Tohoku J Exp Med Feb 214 2 89 96 2008 Feb 214 2 89 96 2008
ALTURFAN E. I., DEMİR O. G., KAŞIKÇI E., AKBAY T., PİŞİRİCİLER R., AK E., YARAT A.
Tohoku J Exp Med, 2008 (SCI-Expanded)
- XLIV. **Silymarin, the antioxidant component of *Silybum marianum*, protects against burn-induced oxidative skin injury**
Toklu H. Z., Tunah-Akbay T., Erkanı G., Yuksel M., Ercan F., Sener G.
Burns, vol.33, no.7, pp.908-916, 2007 (SCI-Expanded)
- XLV. **Protective effects of *Ginkgo biloba* extract against mercury(II)-induced cardiovascular oxidative damage in rats**
Tunali-Akbay T., Sener G., Salvarli H., Sehirli O., Yarat A.
Phytotherapy Research, vol.21, no.1, pp.26-31, 2007 (SCI-Expanded)
- XLVI. **Effects of parsley (*Petroselinum crispum*) extract versus glibornuride on the liver of streptozotocin-induced diabetic rats**
Ozsoy-Sacan O., Yanardag R., Orak H., Ozgey Y., Yarat A., Tunali T.
Journal of Ethnopharmacology, vol.104, pp.175-181, 2006 (SCI-Expanded)
- XLVII. **Melatonin reduces oxidative damage to skin and normalizes blood coagulation in a rat model of thermal injury**
Tunali T., Sener G., Yarat A., Emekli N.
Life Sciences, vol.76, no.11, pp.1259-1265, 2005 (SCI-Expanded)
- XLVIII. **6,7-Dihydroxy-3-phenylcoumarin inhibits thromboplastin induced disseminated intravascular coagulation**
Tunali T., Yarat A., Bulut M., Emekli N.
British Journal of Haematology, vol.126, no.2, pp.226-230, 2004 (SCI-Expanded)
- XLIX. **Salivary thromboplastic activity in diabetics and healthy controls.**
YARAT A., Tunali T., Pisiriciler R., AKYÜZ S. H., Ipbuker A., Emekli N.
Clinical oral investigations, vol.8, no.1, pp.36-39, 2004 (SCI-Expanded)
- L. **The effect of Glurenorm (gliquidone) on lenses and skin in experimental diabetes**
Yarat A., Tunali T., Yanardag R., Gursoy F., Sacan O., Emekli N., Ustuner A., Ergenekon G.
Free Radical Biology and Medicine, vol.31, no.9, pp.1038-1042, 2001 (SCI-Expanded)
- LI. **Limited effects of parsley (*Petroselinum crispum*) on protein glycation and glutathione in lenses of streptozotocin-Induced diabetic rats**
Ozcelik F., Yarat A., Yanardag R., Tunali T., Ozsoy O., Emekli N., Ustuner A.
Pharmaceutical Biology, vol.39, no.3, pp.230-233, 2001 (SCI-Expanded)
- LII. **Limited effects of parsley *Petroselinum crispum* on protein glycation and glutathione in lenses of streptozotocin induced diabetic rats**
Pharmaceutical Biology 39 3 230 233 2001

Füsun Ö., YARAT A., YANARDAĞ R., AKBAY T., SAÇAN Ö., EMEKLİ N., Ali Ü.

Pharmaceutical Biology, 2001 (SCI-Expanded)

- LII. **The effect of parsley *Petroselinum crispum* on the skin of STZ induced diabetic rats** *Phytotherapy Res* 13 138 141 1999
AKBAY T., YARAT A., YANARDAĞ R., Füsun Ö., SAÇAN Ö., Gönül E., EMEKLİ N.
Phytotherapy Research, 1999 (SCI-Expanded)
- LIII. **The effect of chard (*Beta vulgaris* L. var. *cicla*) on the skin of streptozotocin induced diabetic rats**
Tunali T., Yarat A., Yanardağ R., Özçelik F., Özsoy Ö., Ergenekon G., Eweki N.
Pharmazie, vol.53, no.9, pp.638-640, 1998 (SCI-Expanded)
- LIV. **The effect of chard *Beta vulgaris* L var *cicla* on the skin of STZ induced diabetic rats**
AKBAY T., YARAT A., Özçelik F., SAÇAN Ö., Ergenekon G., EMEKLİ N.
Die Pharmazie, 1998 (SCI-Expanded)
- LV. **The effect of chard *Beta vulgaris* L var *cicla* on the protein and antioxidant system in the lenses of STZ induced diabetic rats** *Journal of Pharmacy and Pharmacology Communication* 4 5 271 274 1998
YARAT A., Füsun Ö., YANARDAĞ R., AKBAY T., SAÇAN Ö., EMEKLİ N., Ali Ü.
Pharmacy and Pharmacology Communications, 1998 (SCI-Expanded)

Articles Published in Other Journals

- I. **Morphological and Biochemical Investigation of the Protective Effects of *Panax ginseng* on Methotrexate-Induced Testicular Damage**
Karakaya F. B., Macit Ç., Sivas G. G., Akbay T., Şeber G., Ercan F.
European Journal of Biology, vol.82, no.1, pp.31-37, 2023 (Scopus)
- II. **Chard extract increased gastric sialic acid and ameliorated oxidative stress in valproic acid-administered rats**
Alev B., Tunali S., Üstündağ Ü. V., İpekçi H., Alturfan E. I., Akbay T. T., Yanardag R., Yarat A.
Food and Health, vol.9, no.2, pp.139-147, 2023 (Peer-Reviewed Journal)
- III. **The Effects of Refrigerated Storage Time on Sialic Acid and Nitric Oxide Levels and Oxidant Antioxidant System of Human Milk**
Gürel Gökmen B., AKBAY T.
European Journal of Biology, vol.82, pp.243-250, 2023 (Scopus)
- IV. **Investigation of the toxicologic and biochemical effects of silk fibroin/gold nanoparticles-based nanofiber using zebrafish embryos**
Ozcan O., Tufan E., Ünal İ., Alturfan E. I., Akbay T.
EXPERIMED, vol.13, pp.109-114, 2023 (Scopus)
- V. ***Panax ginseng* extract ameliorates methotrexate-induced multi-organ damage via the regulation of oxidative stress**
MACİT Ç., EDE PAZARBAŞI S., YILMAZ KARAOĞLU S., AKBAY T., Karakaya-Çimen F., ERCAN F., ŞENER G.
JOURNAL OF RESEARCH IN PHARMACY, vol.27, pp.1974-1988, 2023 (ESCI)
- VI. **The Effect of Whey Proteins on the Brain and Small Intestine Nitric Oxide Levels: Protein Profiles in Methotrexate-Induced Oxidative Stress**
Yılmaz Karaoğlu S., Tufan E., Sivas G. G., Gürel Gökmen B., Dursun E., Özbeyli D., Şener G., Akbay T.
EXPERIMED, vol.12, 2022 (Scopus)
- VII. **Brain in metabolic syndrome model: The effect of exercises and caloric restriction**
Alev-Tuzuner B., Genc-Kahraman N., Ipekci H., Ustundag U. V., AKBAY T., ALTURFAN E. I., Sener G., YARAT A.
Journal of Research in Pharmacy, vol.26, no.5, pp.1352-1362, 2022 (ESCI)
- VIII. **The effect of heat treatment on the nutritional and antioxidant content of different milk types**
Gürel-Gökmen B., Taslak H. D., Ozcan O., Sivas G. G., YILMAZ KARAOĞLU S., AKBAY T.
Food and Health, vol.8, no.4, pp.312-320, 2022 (Peer-Reviewed Journal)
- IX. **Exercise and Caloric Restriction Improves Liver Damage in Metabolic Syndrome Model**

Genc Kahraman N., Alev Tuzuner B., Ipekci H., Üstündağ Ü. V., Akbay T., Alturfan E. I., Şener G., Yarat A.
European Journal of Biology, vol.0, 2021 (Peer-Reviewed Journal)

- X. **Effects of Exercise and Calorie Restriction on Brain and Testis in Natural Aging Model**
Hakgüder U., ÜSTÜNDAĞ Ü. V., TÜZÜNER B., Genç N., İpekçi H., Özçelik R., AKBAY T., ŞENER G., YARAT A., ALTURFAN E. I.
Experimed, vol.11, no.1, pp.21-26, 2021 (Peer-Reviewed Journal)
- XI. **Bioactivated poly (vinyl alcohol) /poly(acrylic acid) based nanofiber for high-performance membrane techniques**
Akbay T., Kahraman M. V., Oktay B., Kayaman Apohan N.
Letters in Applied NanoBioScience, vol.9, no.1, pp.819-823, 2020 (Peer-Reviewed Journal)
- XII. **Whitw Cabbage Extract Reduces The Harmful Effects of Amiodarone on Heart Tissue in Rats**
Hazineci H., TÜRKYILMAZ İ. B., Ustundag U. V., ALTURFAN E. I., Alev B., AKBAY T., YANARDAĞ R., YARAT A.
EXPERIMED, 2020 (Peer-Reviewed Journal)
- XIII. **The development of coaxial electrospun polycaprolactone/silk fibroin based nanofiber for antibody immobilization**
AKBAY T., Gürel B., Özcan O., Taslak H. D.
Nano Research and Applications, 2019 (Peer-Reviewed Journal)
- XIV. **Effect of an Aqueous Garlic Extract on Kidney Damage in an Experimental Model of Sepsis**
Ipekci H., AKBAY T., ŞENER G.
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.7, no.1, pp.15-19, 2017 (ESCI)
- XV. **Investigation of the Effects of Edaravone on Valproic Acid Induced Tissue Damage in Pancreas**
OKTAY N. Ş., ALEV B., TUNALI S., Ak E., ALTURFAN E. I., AKBAY T., KOÇ ÖZTÜRK L., ÇETİNEL Ş., YANARDAĞ R., YARAT A.
Marmara Pharmaceutical Journal, vol.21, pp.570-577, 2017 (Peer-Reviewed Journal)
- XVI. **Salivary tissue factor concentration and activity in patients with oral lichen planus**
Tunali-Akbay T., Solmaz Z., Pekiner F. M., Ipekci H.
ORAL SCIENCE INTERNATIONAL, vol.14, pp.13-17, 2017 (ESCI)
- XVII. **Aqueous garlic extract protects against sepsis induced toxicity in pulmonary and ileal tissues**
Özkan S., AKBAY T., Sakarcan S., Günay E., ŞENER G.
Medical Science and Discovery, vol.3, no.4, pp.192, 2016 (Peer-Reviewed Journal)
- XVIII. **Edaravone Ameliorates Valproate Induced Gingival Toxicity by Reducing Oxidative Stress Inflammation and Tissue Damage**
OKTAY N. Ş., ALEV B., KOC OZTURK L., TUNALI S., DEMIREL S., ALTURFAN E. I., AKBAY T., AKYUZ S., YANARDAG R., YARAT A.
Marmara Pharmaceutical Journal, vol.20, pp.232-240, 2016 (Peer-Reviewed Journal)
- XIX. **Edaravone Ameliorates Valproate-Induced Gingival Toxicity by Reducing Oxidative-Stress, Inflammation and Tissue Damage**
Oktay S., Alev B., Koc Ozturk L., Tunali S., Demirel S., Emekli Alturfan E. I., Tunali-Akbay T., Akyuz S., Yanardag R., YARAT A.
MARMARA PHARMACEUTICAL JOURNAL, vol.20, no.3, pp.243-251, 2016 (ESCI)
- XX. **Türkiyede İçme Sularında Döteryum Konsantrasyonu**
YARAT A., SAÇAN Ö., AKBAY T., YANARDAĞ R.
DSİ-4.Ulusa Hidrolojide İzotop Teknikleri Sempozyum Kitabı, 2015 (Peer-Reviewed Journal)
- XXI. **Candida albicans effects the tissue factor activity of blood cells in Type II Diabetes Mellitus**
Güler S., AKBAY T., KADİR T., Eren N., YARAT A.
MARMARA PHARMACEUTICAL JOURNAL, vol.19, no.1, pp.60-66, 2015 (ESCI)
- XXII. **Candida albicans effects the tissue factor activity of blood cells in Type II Diabetes Mellitus Candida albicans Tip II Diabetes Mellitus'ta kan hücrelerinin doku faktörü aktivitesini etkiler**
Güler S., Tunali-Akbay T., KADİR T., Eren N., YARAT A.
Marmara Pharmaceutical Journal, vol.19, no.1, pp.60-66, 2015 (Scopus)
- XXIII. **Investigation of the effect of silymarin on the liver in experimental sepsis**

- Cihan B., YARAT A., AKBAY T., ŞENER G.
MARMARA PHARMACEUTICAL JOURNAL, vol.19, no.1, pp.52-59, 2015 (ESCI)
- XXIV. **Effects of Black Cumin (Nigella Sativa) Seed Oil on Gastric Tissue in Experimental Colitis**
ALTURFAN E. I., YARAT A., AKBAY T., IŞIK F., YENİDOĞAN G., ŞENER G., ŞEHİRLİ A. Ö., PİŞİRİCİLER R., AK E., ALTINTAŞ A.
Advances in Environmental Biology, 2011 (Peer-Reviewed Journal)
- XXV. **Effect of black cumin nigella stiva seed oil on gastric tissue in experimental colitis**
ALTURFAN E. I., YARAT A., AKBAY T., ışık f., yenidoğan g., ŞENER G., ŞEHİRLİ A. Ö., PİŞİRİCİLER R., AK E., altuntaş a.
Adv Environ Bio, vol.5, pp.483-490, 2011 (Peer-Reviewed Journal)
- XXVI. **Lens and Skin Protein Glycation Lipid Peroxidation and Glutathione Levels in Vitamin C Administered Diabetic Rats**
AKBAY T., BATIREL S., YARAT A., EMEKLİ N.
FIRAT ÜNİVERSİTESİ SAĞLIK BİLİMLERİ TIP DERGİSİ, vol.24, pp.35-39, 2010 (Peer-Reviewed Journal)
- XXVII. **F Ü Sag Bil Tıp Derg**
AKBAY T., BATIREL S., YARAT A., EMEKLİ N.
F Ü Sag Bil Tıp Derg, no.24, pp.35-39, 2010 (Peer-Reviewed Journal)
- XXVIII. **Salivary thromboplastic activity may indicate wound healing in tooth extraction**
AKBAY T., Guvercin M., GÖNÜL O., YARAT A., AKYÜZ S. H., GÖKER M. K.
Balk J Stom, vol.14, pp.141-144, 2010 (Peer-Reviewed Journal)
- XXIX. **Standardization of bovine lung thromboplastin according to the WHO report: Calculation of the ISI value and the prothrombin time as INR**
Tunali T., YARAT A., Emekli N.
ARI Bulletin of the Istanbul Technical University, vol.54, no.1, pp.22-25, 2004 (Scopus)
- XXX. **Salvary thromboplastic activity in diabetics and healthy controls**
YARAT A., AKBAY T., PİŞİRİCİLER R., AKYÜZ S. H., İpbuker A., EMEKLİ N.
Clinical Oral Investigations, vol.8, pp.36-39, 2004 (Scopus)
- XXXI. **Standardization of bovine lung thromboplastin according to the WHO report: Calculation of the ISI value and the prothrombin time as INR**
Tunali T., YARAT A., Emekli N.
Bulletin of the Technical University of Istanbul, vol.54, no.1, pp.22-25, 2004 (Scopus)
- XXXII. **The effect of chard (Beta vulgaris L. var. cicla) on the protein and antioxidant systems in lenses of streptozotocin-induced diabetic rats**
YARAT A., Özçelik F., Yanardag R., Tunali T., Özsoy Ö., Emekli N., Üstünel A.
Pharmacy and Pharmacology Communications, vol.4, no.5, pp.271-274, 1998 (Scopus)

Books & Book Chapters

- I. **NÜKLEİK ASİDLERİN(NÜKLEOTİDLERİN) METABOLİZMASI**
YARAT A., AKBAY T., ALTURFAN E. I., AYTEKİN M., AKEV N., AKYÜZ S. H., ALTURFAN A. A., ATAMER Y., BİNGÖL ÖZAKPINAR Ö., ZEYBEK Ş. Ü., et al.
in: BİYOKİMYADA TEMEL VE ÖZEL KONULAR, Prof. Dr. Aysen Yarat, Prof. Dr. Tuğba Tunali Akbay, Prof. Dr. Ebru Işık Alturfan, Editor, AKADEMİSYEN KİTABEVİ A.Ş., İstanbul, pp.415-424, 2019
- II. **Kobalt**
AKBAY T.
in: Dış Hekimliğinde Tükürük Elementleri, Atşen Yarat, Editor, Marmara Nobeltp Kitabevleri, İstanbul, pp.105-110, 2016
- III. **Kadmiyum**
AKBAY T.
in: Dış Hekimliğinde Tükürük Elementleri, Aysen Yarat, Editor, Marmara Nobeltp Kitabevleri, İstanbul, pp.97-103, 2016

- IV. **Sodyum**
AKBAY T.
in: Diş Hekimliğinde Tükürük Elementleri, Ayşen Yarat, Editor, Marmara Nobel Tıp Kitabevleri, İstanbul, pp.53-58, 2016
- V. **Akut Faz Reaksiyonu ve Akut Faz Proteinleri**
AKBAY T.
in: Klinik Biyokimya, Emekli N / Yiğitbaşı T, Editor, Nobel Tıp Kitabevleri Tic Ltd Şti, pp.251-257, 2015
- VI. **Aminoasitler ve Proteinler**
AKBAY T.
in: Klinik Biyokimya, Emekli N / Yiğitbaşı T, Editor, Nobel Tıp Kitabevleri Tic.Ltd.Şti, pp.239-250, 2015
- VII. **Laboratuvar El Kılavuzu- klinik Tanı Parametrelerinin Kısaltmaları ve Açıklamaları**
Yarat A., Akbay T., Alturfan E. I., Koç Öztürk L., Oktay N. Ş.
Dentsem, İstanbul, 2013
- VIII. **Laboratuvar El Klavuzu Klinik Tanı Parametrelerinin Kısaltmaları ve Açıklamaları**
OKTAY N. Ş., KOÇ ÖZTÜRK L., YARAT A., ALTURFAN E. I., AKBAY T.
Laboratuvar El Klavuzu Klinik Tanı Parametrelerinin Kısaltmaları ve Açıklamaları, İstanbul, 2013

Refereed Congress / Symposium Publications in Proceedings

- I. **Polikaprolakton ve İpek Fibroini Esaslı Nanofibere İmmobilize Edilen Laktaz Enziminin Aktivitesi**
Yılmaz S., Gürel B., Özcan O., AKBAY T.
International Euroasian Conference on Biotechnology and Biochemistry, 16 - 18 December 2020
- II. **Which milk is more affected by heat treatment: Cow'xxs milk or goat milk?**
Gürel Gökmen B., Taslak H. D., Özcan O., Sivas G. G., Yılmaz S., AKBAY T.
International Eurasian Conference On Biological And Chemical Sciences, 28 - 29 June 2019
- III. **Which milk is more affected by heat treatment: Cow'xxs milk or goat milk?**
Gürel B., Taslak H. D., Özcan O., Sivas G. G., Yılmaz S., AKBAY T.
International Eurasian Conference On Biological And Chemical Sciences, 28 - 29 June 2019
- IV. **Which milk is more affected by heat treatment: Cow'xxs milk or goat milk?**
Gürel Gökmen B., Taslak H. D., Özcan O., Sivas G. G., Yılmaz S., AKBAY T.
International Eurasian Conference On Biological And Chemical Sciences, 28 - 29 June 2019
- V. **HAM BALIN SÜT PROTEİNLERİ ÜZERİNE ETKİSİNİN ELEKTOFORETİK OLARAK İNCELENMESİ**
Sivas G. G., Ozcan O., Gürel Gökmen B., Taslak H. D., Yılmaz S., AKBAY T.
International Eurasian Conference On Biological And Chemical Sciences, 28 June - 29 August 2019
- VI. **Which milk is more affected by heat treatment: Cow'xxs milk or goat milk?**
Gürel Gökmen B., Taslak H. D., Özcan O., Sivas G. G., Yılmaz S., AKBAY T.
International Eurasian Conference On Biological And Chemical Sciences, 28 - 29 June 2019
- VII. **Which milk is more affected by heat treatment: Cow'xxs milk or goat milk?**
Gürel Gökmen B., Taslak H. D., Özcan O., Sivas G. G., Yılmaz S., AKBAY T.
International Eurasian Conference On Biological And Chemical Sciences, 28 - 29 June 2019
- VIII. **Which milk is more affected by heat treatment: Cow'xxs milk or goat milk?**
Gürel Gökmen B., Taslak H. D., Özcan O., Sivas G. G., Yılmaz S., AKBAY T.
International Eurasian Conference On Biological And Chemical Sciences, 28 - 29 June 2019
- IX. **Which milk is more affected by heat treatment: Cow'xxs milk or goat milk?**
Gürel B., Taslak H. D., Özcan O., Sivas G. G., Yılmaz S., AKBAY T.
International Eurasian Conference On Biological And Chemical Sciences, 28 - 29 June 2019
- X. **Which milk is more affected by heat treatment: Cow'xxs milk or goat milk?**
Gürel Gökmen B., Taslak H. D., Özcan O., Sivas G. G., Yılmaz S., AKBAY T.
International Eurasian Conference On Biological And Chemical Sciences, 28 - 29 June 2019
- XI. **The development of coaxial electrospun polycaprolactone/silk fibroin based nanofiber for antibody**

immobilization

AKBAY T., Gürel B., Özcan O., Taslak H. D.

18 th edition of International Conference on Emerging Trends in Material Science and Technology, 28 - 29 January 2019

- XII. **In silico analysis of goat milk derived bioactive peptides**
Şahna K. Ö., Çakır B., AKBAY T.
International IVEK BIO CONGRESS, İstanbul, Turkey, 26 November 2018, pp.206
- XIII. **Determination of Bioactive Goat Milk Peptide Structures by LC-QToF-MS System**
Çakır B., AKBAY T.
International IVEK BIO Congress, İstanbul, Turkey, 26 November 2018, pp.197
- XIV. **OPTIMIZATION PARAMETERS IN ANTIBODY AND GOLD CONJUGATION**
Taslak H. D., Gürel B., Özcan O., AKBAY T.
1st INTERNATIONAL BALKAN CHEMISTRY CONGRESS, 17 - 19 September 2018
- XV. **BUFFER SOLUTION EXCHANGE IN THE BINDING OF ANTIBODY TO GOLD NANOPARTICLES**
Gürel B., Özcan O., Taslak H. D., AKBAY T.
1st INTERNATIONAL BALKAN CHEMISTRY CONGRESS, 17 - 19 September 2018
- XVI. **ANNE SÜTÜ DOKU FAKTÖRÜ AKTİVİTESİ**
AKBAY T.
11. Ulusal Tromboz, Hemostaz ve Anjiyoloji Kongresi, 30 - 31 March 2018
- XVII. **The Comparison of Tissue Factor Activity of Milk Samples From Different Species.**
Gürel B., Taslak H. D., Özcan O., AKBAY T.
International Meeting on Education and Research in Health Sciences, 3 - 05 November 2017
- XVIII. **The Effect of Temperature on The Composition of Milk From Different Species**
Özcan O., Taslak H. D., Gürel B., AKBAY T.
International Meeting on Education and Research in Health Sciences, 3 - 05 November 2017
- XIX. **STANDARDIZATION OF ELISA METHOD FOR MILK SAMPLES**
Taslak H. D., AKBAY T.
VI.International Congress of Molecular Medicine, 22 - 25 May 2017
- XX. **The Effect of Myrtus Communis Extract Administration on Bile Duct Ligated Rats' Brain Tissue**
Oktay N. Ş., Alev B., Üstündağ Ü. V., İpekçi H., Alturfan E. I., Akbay T., Şener G., Yarat A.
VI.International Congress on Molecular Medicine, İstanbul, Turkey, 22 - 25 May 2017
- XXI. **Ameliorative Effect of Chard (Beta vulgaris L. var. Cicla) on Pancreas Damage in Valproic Acid Induced Toxicity**
Alev B., AK E., Tunali S., İpekçi H., Üstündağ Ü. V., AKBAY T., ALTURFAN E. I., ÇETİNEL Ş., YANARDAĞ R., YARAT A.
3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
- XXII. **The effect of vitamin U on experimental epilepsy induced oxidative stress in skin**
OKTAY N. Ş., Bayrak G., Alev B., İpekçi H., Üstündağ Ü. V., TÜRKYILMAZ İ. B., ALTURFAN E. I., AKBAY T., YANARDAĞ R., YARAT A.
IVEK, 3rd International Convention of Pharmaceutical and Pharmacies, 26 - 29 April 2017
- XXIII. **Te effect of vitamin U on experimental epilepsy induced oxidative stress in skin**
OKTAY N. Ş., Bayrak G., Alev B., İpekçi H., Üstündağ Ü. V., TÜRKYILMAZ İ. B., ALTURFAN E. I., AKBAY T., YANARDAĞ R., YARAT A.
3.İlaç ve Eczacılık Kongresi, 26 - 29 April 2017
- XXIV. **The Effect of vitamin U on experimental epilepsy induced oxidative stress in skin**
OKTAY N. Ş., Bayrak G., Alev B., İpekçi H., üstundag u. v., TÜRKYILMAZ İ. B., ALTURFAN E. I., AKBAY T., YANARDAĞ R., YARAT A.
IVEK 3rd International Convention of Pharmaceutical and Pharmacies, 26 - 29 April 2017, pp.811
- XXV. **The Effects of Insulin and Melatonin on the Kidney Tissue of Diabetic Rats**
Gürel B., İpekçi H., Alev B., Oktay N. Ş., Üstündağ Ü. V., Yarat A., Alturfan E. I., Şener G., Akbay T.
3.Uluslararası Eczacılık ve İlaç Kongresi, İstanbul, Turkey, 26 - 29 April 2017
- XXVI. **Polycaprolactone Based Immunosorbent Surface and Its Usage For The Removal Fluoxetine From**

The Milk

Taslak H. D., AKBAY T.

3. Uluslararası İlaç ve Eczacılık Kongresi, 26 - 29 April 2017

- XXVII. **Renal Injury was Reversed by Myrtus Communis Extract Administration in Rats With Bile Duct Ligation**
Alev L., Alev B., AK E., OKTAY N. Ş., üstündağ ü., ipekci h., ALTURFAN E. I., AKBAY T., ŞENER G., YARAT A.
6th International Chemistry Conference, 8 - 10 November 2016
- XXVIII. **Renal Injury was Reversed by Myrtus Communis Extract Administration in Rats With Bile Duct Ligation**
ALEV L., ALEV TUZUNER B., AK E., OKTAY N. Ş., USTUNDAG U. V., IPEKCI H., ALTURFAN E. I., AKBAY T., ÇETİNEL Ş., ŞENER G., et al.
6th International Chemistry Conference, 8 - 10 November 2016
- XXIX. **The Effect of Vitamin U on Submandibular Salivary Gland of Epileptic Seizures Induced Rats**
üstündağ ü., bayrak g., alev b., OKTAY N. Ş., ipekci h., AK E., pisiriciler r., ALTURFAN E. I., AKBAY T., YANARDAĞ R., et al.
6th International Chemistry Conference, Saudi Arabia, 8 - 10 November 2016
- XXX. **Deneysel diyabette insülin ve melatonin tedavisinin beyin dokusu üzerine etkilerinin incelenmesi**
Gürel B., İpekçi H., Alev B., Veli Üstündağ Ü., OKTAY N. Ş., YARAT A., ALTURFAN E. I., ŞENER G., AKBAY T.
I. Marmara Eczacılık Kongresi, Turkey, 3 - 05 November 2016, pp.112
- XXXI. **The Effect of Edaravone on Valproic Acid Administered Rats spleen**
OKTAY N. Ş., Alev B., TUNALI S., ALTURFAN E. I., AKBAY T., KOÇ ÖZTÜRK L., YANARDAĞ R., YARAT A.
4th International BAU Drug Design Congress, 13 - 15 October 2016
- XXXII. **The Effects of Lipoic Acid on Rat Liver in Valproic Acid Toxicity**
Güler S., TÜRKYILMAZ İ. B., Alev b., İpekci H., Üstündağ Ü., AKBAY T., ALTURFAN E. I., YANARDAĞ R., YARAT A.
4th International BAU Drug Design Congress, Turkey, 13 - 15 October 2016
- XXXIII. **the effects of lipoic acid on rat submandibular salivary gland in valproic acid toxicity**
TÜRKYILMAZ İ. B., PİŞİRİCİLER R., AK E., AKBAY T., ALTURFAN E. I., AKYÜZ S. H., YANARDAĞ R., YARAT A.
6th international chemistry conferance, 8 - 10 October 2016
- XXXIV. **Effect of exercise and caloric restriction on gastric tissue glutathione glutathione S transferase and sialic acid in metabolic syndrome model**
Alev B., İpekçi H., Veli Üstündağ Ü., Hazineci H., Kuruca B., AKBAY T., ALTURFAN E. I., ŞENER G., YARAT A.
28. Ulusal Kimya Kongresi , 2016 Mersin, Türkiye, Turkey, 15 - 21 August 2016
- XXXV. **Chard Beta Vulgaris L Var Cicla Ameliorates The Adverse Effects of Valproic Acid Toxicity in Small Intestine**
Alev B., TUNALI S., Üstündağ Ü., İpekci H., Hazineci H., Özcan O., Kuruca B., ALTURFAN E. I., AKBAY T., YANARDAĞ R., et al.
6th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels, 24 - 27 May 2016
- XXXVI. **The Effects of White Cabbage on Rat Skin in Amiodarone Toxicity**
Alev B., Türkyılmaz B., Üstündağ Ü., İpekci H., ALTURFAN E. I., AKBAY T., YANARDAĞ R., YARAT A.
6th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels., 24 - 27 May 2016
- XXXVII. **Effect of Exercises and Caloric Restriction to Some Biochemical Parameters in Brain Tissues in Metabolic Syndrome**
Kahraman N., Alev B., İpekci H., Üstündağ Ü., AKBAY T., ALTURFAN E. I., ŞENER G., YARAT A.
24th International Congress on Thrombosis, 4 - 07 May 2016
- XXXVIII. **Effect of Exercises and Caloric Restriction to Some Biochemical Parameters in Brain Tissues in Metabolic Syndrome Model**
Genç Kahraman N., Alev B., İpekçi H., Veli Üstündağ Ü., AKBAY T., ALTURFAN E. I., ŞENER G., YARAT A.
24th Biennial International Congress on Thrombosis-EMLTD Congress 2016, İstanbul, Turkey, 4 - 07 May 2016
- XXXIX. **Deneysel Diyabette Melatonin Tedavisinin Böbrek Dokusu Üzerine Etkisinin İncelenmesi**
AK E., ALEV B., İPEKÇİ H., OKTAY N. Ş., ÜSTÜNDAĞ Ü. V., ÇETİNEL Ş., ALTURFAN E. I., ŞENER G., YARAT A., AKBAY T.
XIII. Ulusal Histoloji ve Embriyoloji kongresi, Turkey, 30 April - 03 May 2016
- XL. **Amiodaraon ile oluşturulan toksisitede beyaz lahana Brassica oleracea I var capitata ekstraktının**

sıçan kas dokusu üzerine olası koruyucu etkisinin araştırılması

ALEV B., TÜRKYILMAZ İ. B., HAZİNECİ H., ÜSTÜNDAĞ Ü. V., ALTURFAN E. I., İPEKÇİ H., AKBAY T., YANARDAĞ R., YARAT A.

2nd International Convention of Pharmaceuticals and Pharmacies, 27 - 29 November 2015, pp.220

- XLII. **Amiodaron ile oluşturulan toksisitede beyaz lahana Brassica Oleracea L Var Capitata ekstraktının sıçan kas dokusu üzerine olası koruyucu etkisinin araştırılması**
Alev B., TÜRKYILMAZ İ. B., Hazineci H., Üstündağ Ü. V., ALTURFAN E. I., İpekçi H., AKBAY T., YANARDAĞ R., YARAT A.
2.İvec uluslararası ilaç ve eczacılık kongresi, İstanbul, Turkey, 27 - 29 November 2015
- XLIII. **The Effect of Vitamin U on Pentylenetetrazol induced Epileptic Seizures in Rat Lung Tissue**
OKTAY N. Ş., BAYRAK G., ALEV TÜZÜNER B., İPEKÇİ H., ÜSTÜNDAĞ Ü. V., AK E., PİŞİRİCİLER R., TÜRKYILMAZ İ. B., ALTURFAN E. I., AKBAY T., et al.
XXVIII World Congress of the World Association of Societies of Pathology and Laboratory Medicine, 18 - 21 November 2015
- XLIV. **The Effect of Vitamin U on Pentylenetetrazol induced Epileptic Seizures in Rat Parotid Salivary Gland**
ALEV TÜZÜNER B., BAYRAK G., OKTAY N. Ş., İPEKÇİ H., ÜSTÜNDAĞ Ü. V., AK E., PİŞİRİCİLER R., ALTURFAN E. I., AKBAY T., YANARDAĞ R., et al.
XXVIII World Congress of the World Association of Societies of Pathology and Laboratory Medicine, 18 - 21 November 2015
- XLV. **The effect of Vitamin U on Pethyleneterazol induced epileptic seizures in rat lung tissue**
OKTAY N. Ş., Bayrak G., Alev Tüzüner B., İpekci H., Üstündağ Ü., AK E., PİŞİRİCİLER R., TÜRKYILMAZ İ. B., ALTURFAN E. I., AKBAY T., et al.
XXVIII World congress of the association of society of pathology and laboratory medicine, 18 - 21 November 2015
- XLVI. **The Effect of Vitamin U on Pentylenetetrazol induced Epileptic Seizures in Rat Lung Tissue**
OKTAY N. Ş., Bayrak G., Alev Tüzüner B., İpekçi H., Üstündağ Ü. V., AK E., PİŞİRİCİLER R., TÜRKYILMAZ İ. B., ALTURFAN E. I., AKBAY T., et al.
XXVIII World Congress of the World Association of Societies of Pathology and Laboratory Medicine, 18 - 21 November 2015
- XLVII. **The effect of vitamin U on penthyleneterazol induced epileptic seizures in rat parotid salivary gland**
Alev Tüzüner B., Bayrak G., OKTAY N. Ş., İpekci H., Üstündağ Ü., AK E., PİŞİRİCİLER R., ALTURFAN E. I., AKBAY T., YANARDAĞ R., et al.
XXVIII World congress of the association of society of pathology and laboratory medicine, 18 - 21 November 2015
- XLVIII. **The Effect of Vitamin U on Pentylenetetrazol induced Epileptic Seizures in Rat Parotid Salivary Gland**
ALEV TÜZÜNER B., BAYRAK G., OKTAY N. Ş., İPEKÇİ H., ÜSTÜNDAĞ Ü. V., AK E., PİŞİRİCİLER R., ALTURFAN E. I., AKBAY T., YANARDAĞ R., et al.
XXVIII World Congress of the World Association of Societies of Pathology and Laboratory Medicine, 18 - 21 November 2015
- XLIX. **Türkiye de içme sularında döteryum konsantrasyonu**
YARAT A., SAÇAN Ö., AKBAY T., YANARDAĞ R.
DSİ, 4.Ulusal Hidrolojide izotop teknikleri sempozyumu, Turkey, 5 - 09 October 2015
- L. **Valproik asit toksisitesinde aort antioksidan parametreleri üzerine edaravonun etkisi**
OKTAY S., ALEV B., TUNALI S., AKBAY T., ALTURFAN E. I., KOÇ ÖZTÜRK L., YANARDAĞ R., YARAT A.
27. Ulusal Kimya Kongresi, Turkey, 23 - 28 August 2015, pp.866
- LI. **Effects of arsenic rich alkaline water on the embryos of zebrafish danio rerio**
Üstündağ Ü. V., Alev B., ALTURFAN E. I., ALTURFAN A. A., AKBAY T., YARAT A.
International Congress of Molecular Medicine, 20 - 22 May 2015
- LII. **Effects of chard Beta vulgaris var L cicla on gastric tissue antioxidant enzymes in valproic acid**

induced toxicity

Alev B., Üstündağ Ü. V., Hazineci H., ALTURFAN E. I., AKBAY T., YANARDAĞ R., YARAT A.
5th International Congress of Molecular Medicine, İzmir, Turkey, 20 - 22 May 2015

- LIII. **Effect of Chard Beta vulgaris L var cicla on gastric tissue antioxidant enzymes in valproic acid induced toxicity**

Alev B., TUNALI S., Üstündağ Ü. V., İpekçi H., ALTURFAN E. I., AKBAY T., YANARDAĞ R., YARAT A.
International Congress of Molecular Medicine, From cell to Bedside, 20 - 22 May 2015, pp.63

- LIV. **The Effects of arsenic rich alkaline water on the embryos of zebrafish danio rerio**

Üstündağ Ü. V., Alev B., ALTURFAN E. I., ALTURFAN A. A., AKBAY T., YARAT A.
International Congress of Molecular Medicine, From cell to Bedside, 20 - 22 May 2015, pp.147

- LV. **Salivary oxidative stress markers in patients with oral lichen planus**

AKBAY T., İpekçi H., Solmaz Z., PEKİNER F. M.
5. International Congress of Molecular Medicine, From Cell to Bedside, 20 - 22 May 2015

- LVI. **Doku faktörü aktivitesi üzerine amiodaron un etkisinin araştırılması**

ÜSTÜNDAĞ Ü. V., TÜRKYILMAZ İ. B., ALEV B., İPEKÇİ H., ALTURFAN E. I., AKBAY T., YANARDAĞ R., YARAT A.
9. Ulusal Tromboz, Hemostaz ve Anjiyoloji Kongresi ve I. Herkes için Hemostaz Kursu, Turkey, 6 March - 08 February 2015, pp.143

- LVII. **Termal deri Yanığında Doku Faktörü Aktivitesi**

İPEKÇİ H., ÜSTÜNDAĞ Ü. V., ALEV B., AKBAY T., ALTURFAN E. I., ŞENER G., YARAT A.
9. Ulusal Tromboz, Hemostaz ve Anjiyoloji Kongresi ve I. Herkes için Hemostaz Kursu, Turkey, 6 - 08 March 2015, pp.145

- LVIII. **Amiodaron ile oluşturulan toksisitede beyaz lahana Brassica oleracea I var capitata ekstraktının sıçan kalp dokusu Üzerine etkisi**

HAZİNECİ H., TÜRKYILMAZ İ. B., ÜSTÜNDAĞ Ü. V., ALTURFAN E. I., ALEV B., İPEKÇİ H., AKBAY T., YANARDAĞ R., YARAT A.
FARMAKON, Ulusal Eczacılık Öğrenci Kongresi, Turkey, 6 - 08 March 2015, pp.16

- LIX. **Valproik Asit Toksikitesinde Çeşitli Dokuların Doku Faktörü Aktivitesi**

ALEV B., TUNALI S., ÜSTÜNDAĞ Ü. V., İPEKÇİ H., OKTAY S., KOÇ ÖZTÜRK L., ALTURFAN E. I., AKBAY T., YANARDAĞ R., YARAT A.
9. Ulusal Tromboz, Hemostaz ve Anjiyoloji Kongresi ve I. Herkes için Hemostaz Kursu, Turkey, 6 - 08 March 2015, pp.144

- LX. **Aqueous garlic extract treatment protects against sepsis induced pulmonary and ileal injury in rats**

Özkan S., AKBAY T., Çadıcı S., ŞENER G.
III. World Congress of Public Health Nutrition, 9 - 12 November 2014

- LXI. **SAĞLIKLI VE DİYABETİK KİŞİLERDEN ELDE EDİLEN KAN HÜCRELERİNİN DOKU FAKTÖRÜ AKTİVİTESİ ÜZERİNE CANDIDA ALBICANS'IN ETKİSİNİN İN VİTRO İNCELENMESİ**

BULUT S., AKBAY T., KADİR T., EREN N., YARAT A.
XXIV. Ulusal Biyokimya Kongresi, Turkey, 25 - 28 September 2012, vol.37, pp.184

- LXII. **Effect of Stinging Nettle Seed Oil on Gastric Tissues in Experimental Colitis**

ALTURFAN E. I., YARAT A., GENÇ Z., YENİDOĞAN G., AKBAY T., ŞENER G., ŞEHİRLİ A. Ö., PİŞİRİCİLER R., AK E., ALTINTAŞ A.
The 2nd International Symposium on Medicinal Plants, Their Cultivation and Aspects of Uses, 3 - 04 November 2010

- LXIII. **Effect of black cumin seed oil on gastric tissues in experimental conditions**

ALTURFAN E. I., YARAT A., AKBAY T., IŞIK F., YENİDOĞAN G., ŞENER G., ŞEHİRLİ A. Ö., PİŞİRİCİLER R., AK E., ALTINTAŞ A.
The 2nd International Symposium on Medicinal Plants, Their Cultivation and Aspects of Uses, 3 - 04 November 2010

- LXIV. **Effects of periodontal treatment and antioxidant usage in type II diabetes mellitus patients with chronic periodontitis**

Özcengiz M., Akbay T., Kuru B., Yarat A., Kuru L., Yılmaz R. S., Noyan Ü.

EuroPerio 5, Madrid, Spain, 29 June - 01 July 2006

LXV. **Effect of periodontal therapy glycemic control and gingival tissue lipid per oxidation and glutathione levels in type II diabetes mellitus**

Tunç F. M., Yarat A., Akbay T., Kuru B., Yılmaz R. S., Kuru L., Noyan Ü.

EuroPerio 5, Madrid, Spain, 29 June - 01 July 2006

LXVI. **Süt Dişi Çekiminin Tükürük Tromboplastik Aktivitesi Üzerine Etkisi**

AKBAY T., GÜVERCİN M., GÖNÜL O., YARAT A., AKYÜZ S. H., PIŞİRCİLER R., GÖKER M. K.

17. Ulusal Kimya Kongresi, Turkey, 8 - 11 September 2003

Patent

Akbay T., Anne sütüne geçen bazı ilaçları ve toksik maddeleri uzaklaştıran filtre, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2010/07077 , Standard Registration, 2014

Metrics

Publication: 169

Citation (WoS): 500

Citation (Scopus): 842

H-Index (WoS): 12

H-Index (Scopus): 15

Awards

Akbay T., Kore Kadın Buluşçular Fuarı, Kiwie , June 2016

Non Academic Experience

TEKNOPARK İSTANBUL-INODOVE

Marmara Üniversitesi