

## Assoc. Prof. Mehmet Berköz

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Mersin University, Sağlık Bilimleri Enstitüsü, Turkey 2014 - 2017

Postgraduate, Mersin University, Sağlık Bilimleri Enstitüsü, Turkey 2009 - 2012

Postgraduate, Mersin University, Sağlık Bilimleri Enstitüsü, Turkey 2004 - 2007

Undergraduate, İstanbul University-Cerrahpaşa, Cerrahpasa Faculty Of Medicine, Department of Medical Biological Sciences, Turkey 1998 - 2002

### Foreign Languages

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, Mersin Üniversitesi Deney Hayvanları Yerel etik Kurulu, 2011

### Dissertations

Postgraduate, Türkiye piyasasındaki anti-aging preparatların deri fibroblast hücre kültürü kullanılarak antioksidan etkilerinin incelenmesi, Mersin University, Sağlık Bilimleri Enstitüsü, Farmasötik Teknoloji Anabilim Dalı, 2012

Postgraduate, Akut lenfoblastik lösemi ve akut miyeloid lösemi vakalarında CYP2B6 geni G15631T gen polimorfizminin araştırılması, Mersin University, Sağlık Bilimleri Enstitüsü, Eczacılık Biyokimya Anabilim Dalı, 2007

### Research Areas

Basic Pharmaceutics Sciences, Health Sciences, Pharmacology and Therapeutics, Biochemistry

### Academic Titles / Tasks

Associate Professor, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Temel Bilimleri, 2023 - Continues

Assistant Professor, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Temel Bilimleri, 2018 - Continues

Assistant Professor, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Temel Bilimleri, 2018 - 2018  
Lecturer PhD, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2017 - 2018  
Lecturer, Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Teknolojisi, 2012 - 2017  
Research Assistant, Mersin University, Institute Of Health Sciences, Temel Eczacılık Bilimleri Bölümü, 2009 - 2012

## Academic and Administrative Experience

Van Yüzüncü Yil University, Eczacılık Fakültesi, Eczacılık Teknolojisi Bölümü, 2017 - 2020  
Van Yüzüncü Yil University, Eczacılık Fakültesi, 2017 - 2019

## Advising Theses

Berköz M., Kurşun asetat maruziyeti sonucu oluşan nefrotoksisiteye karşı mirisetin, kaemferol, fisetin ve galanginin koruyucu rolünün araştırılması, Postgraduate, A.YİĞİT(Student), 2021  
Berköz M., Meme kanserinde usnik asitin inflamasyon üzerine olan etkilerinin araştırılması, Doctorate, M.Yıldırım(Student), 2019  
Berköz M., Aç Farelere Skopolamin Uygulanması ve Yem Verilmesi ile Oluşan Konvülsiyonlarda MK-801'in Beyin Dokusundaki Oksidatif Stres, İnflamasyon ve Ghrelin Düzeylerine Etkilerinin Araştırılması, Postgraduate, Y.Akkuş(Student), 2019

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

- I. **Protective Role of Myricetin and Fisetin Against Nephrotoxicity Caused by Lead Acetate Exposure through Up-regulation of Nrf2/HO-1 Signalling Pathway**  
Berköz M., Yiğit A., Krośniak M.  
Biological Trace Element Research, vol.202, no.9, pp.4032-4046, 2024 (SCI-Expanded)
- II. **Boswellic Acid and Betulinic Acid Pre-treatments Can Prevent the Nephrotoxicity Caused by Cyclophosphamide Induction**  
Berköz M., Çiftçi O.  
Doklady Biochemistry and Biophysics, vol.517, no.1, pp.115-126, 2024 (SCI-Expanded)
- III. **Protective roles of some natural and synthetic aromatase inhibitors in testicular insufficiency caused by Bisphenol A exposure**  
Berköz M., Yalın S., Türkmen Ö.  
International Journal of Environmental Health Research, 2024 (SCI-Expanded)
- IV. **Effects of fisetin on ethanol-induced rewarding properties in mice**  
Yalın Y., Yunusoğlu O., Berköz M., Demirel M. E.  
American Journal of Drug and Alcohol Abuse, vol.50, no.1, pp.75-83, 2024 (SCI-Expanded)
- V. **Hepatoprotective potentials of Usnea longissima Ach. and Xanthoparmelia somloensis (Gyelnik) Hale extracts in ethanol-induced liver injury**  
Berköz M., Aslan A., Yunusoğlu O., Krośniak M., Francik R.  
Drug and Chemical Toxicology, 2024 (SCI-Expanded)
- VI. **The Effect of Sitagliptin and Exenatide on Insulin, Insulin Receptor and Insulin Receptor Substrate Gene Expression in Diabetic Rats**  
Yildirim M., Mistik O. A., Yalın A., Comelekoglu U., Berköz M., Arpacı R. B., Yalın S.  
Russian Journal of Bioorganic Chemistry, vol.49, no.3, pp.610-615, 2023 (SCI-Expanded)
- VII. **Protective role of resveratrol and apigenin against toxic effects of bisphenol a in rat salivary gland**  
Çetin Y. S., Altındağ F., Berköz M.  
DRUG AND CHEMICAL TOXICOLOGY, vol.46, no.1, pp.88-96, 2023 (SCI-Expanded)

- VIII. **Anti-Inflammatory Effects of Usnic Acid in Breast Cancer**  
Yildirim M., Degirmenci U., Akkapulu M., Gungor M., Oztornaci R. O., Berköz M., Comelekoglu U., Yalin A. E., Yalin S.  
RUSSIAN JOURNAL OF BIOORGANIC CHEMISTRY, vol.48, no.SUPPL 1, 2022 (SCI-Expanded)
- IX. **The Toxicological Risk Assessment of Cu, Mn, and Zn as Essential Elemental Impurities in Herbal Medicinal Products with Valerian Root (*Valeriana officinalis* L., radix) Available in Polish Pharmacies**  
Jurowski K., Folta M., Tatar B., Berköz M., Krosniak M.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, no.4, pp.1949-1955, 2022 (SCI-Expanded)
- X. **The Health Risk Assessment of Essential Elemental Impurities (Cu, Mn and Zn) Through the Dermal Exposure of Herbal Ointment Extracted from Marjoram Herb (*Majoranae herbae extractum*)**  
Jurowski K., Folta M., Tatar B., Berköz M., Krosniak M.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, no.4, pp.1981-1987, 2022 (SCI-Expanded)
- XI. **The Toxicological Risk Assessment of Dermal Exposure of Patients Exposed to Nickel and Chromium due to Application of Ointments with Marjoram Herb Extract (*Majoranae Herbae Extractum*) Available in Polish Pharmacies**  
Jurowski K., Folta M., Tatar B., Berköz M., Krosniak M.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, pp.1965-1971, 2022 (SCI-Expanded)
- XII. **The Influence of Organic Vanadium Complexes on an Antioxidant Profile in Adipose Tissue in Wistar Rats**  
Francik R., Kryczyk-Koziol J., Krosniak M., Francik S., Hebda T., Pedryc N., Knapczyk A., Berkoez M., Slipek Z.  
MATERIALS, vol.15, no.5, 2022 (SCI-Expanded)
- XIII. **The Toxicological Risk Assessment of Lead and Cadmium in *Valeriana officinalis* L., radix (Valerian root) as Herbal Medicinal Product for the Relief of Mild Nervous Tension and Sleep Disorders Available in Polish Pharmacies**  
Jurowski K., Folta M., Tatar B., Berköz M., Krosniak M.  
BIOLOGICAL TRACE ELEMENT RESEARCH, vol.200, no.2, pp.904-909, 2022 (SCI-Expanded)
- XIV. **Investigation of the impact of antiparasitic drug moxidectin on the rewarding effects of alcohol**  
Ekici A., Gürbüz E., Berköz M., Türkmen Ö., Başbuğan Y., Yunusoğlu O.  
General Physiology and Biophysics, vol.41, no.3, pp.245-253, 2022 (SCI-Expanded)
- XV. **Prophylactic effect of myricetin and apigenin against lipopolysaccharide-induced acute liver injury**  
Berköz M., Unal S., KARAYAKAR F., Yunusoğlu O., ÖZKAN YILMAZ F., ÖZLÜER HUNT A., Aslan A.  
MOLECULAR BIOLOGY REPORTS, vol.48, no.9, pp.6363-6373, 2021 (SCI-Expanded)
- XVI. **Ni and Cr impurities profile in *Valeriana officinalis* L., radix-based herbal medicinal product available in polish pharmacies due to ICH Q3D guideline**  
Jurowski K., Folta M., Tatar B., Berköz M., Krosniak M.  
REGULATORY TOXICOLOGY AND PHARMACOLOGY, vol.123, 2021 (SCI-Expanded)
- XVII. **An investigation of the relation between catalase C262T gene polymorphism and catalase enzyme activity in leukemia patients**  
ERAS N., Turkoz G., TOMBAK A., Tiftik N., YALIN S., Berköz M., ERDEN S., AKBAŞ E.  
ARCHIVES OF MEDICAL SCIENCE, vol.17, no.4, pp.928-933, 2021 (SCI-Expanded)
- XVIII. **Protective effect of myricetin, apigenin, and hesperidin pretreatments on cyclophosphamide-induced immunosuppression**  
Berköz M., YALIN S., ÖZKAN YILMAZ F., ÖZLÜER HUNT A., Krosniak M., Francik R., Yunusoğlu O., Adiyaman A., Gezici H., Yigit A., et al.  
IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY, vol.43, no.3, pp.353-369, 2021 (SCI-Expanded)
- XIX. **PUNICALAGIN AND PUNICALIN SUPPRESS THE ADIPOCYTE DIFFERENTIATION THROUGH THE TRANSCRIPTION FACTORS.**  
Berköz M., Yalin S., Yildirim M., Yalin A. E., Çömelekoğlu Ü.  
Acta endocrinologica (Bucharest, Romania : 2005), vol.17, no.2, pp.157-167, 2021 (SCI-Expanded)
- XX. **Artesunate inhibits melanoma progression in vitro via suppressing STAT3 signaling pathway**  
Berköz M., ÖZKAN YILMAZ F., ÖZLÜER HUNT A., Krosniak M., Türkmen Ö., Korkmaz D., Keskin S.  
PHARMACOLOGICAL REPORTS, vol.73, no.2, pp.650-663, 2021 (SCI-Expanded)

- XXI. **THE PROTECTIVE EFFECT OF ALPHA LIPOIC ACID ON RETINAL DAMAGE IN STREPTOZOTOCIN-INDUCED DIABETIC RATS**  
Berköz M., Yildirim M., BAHAR L., SUCU N., İlhan M., YALIN A. E.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.30, pp.8824-8833, 2021 (SCI-Expanded)
- XXII. **PAI-1 and tPA gene polymorphisms and susceptibility to chronic obstructive pulmonary disease in a sample of Turkish population**  
Sünnetçioğlu A., Berköz M., Yildirim M., Bora G., Yalin S.  
Journal of the Pakistan Medical Association, vol.70, no.12 B, pp.2310-2315, 2020 (SCI-Expanded)
- XXIII. **Prophylactic effect of Biochanin A in lipopolysaccharide-stimulated BV2 microglial cells**  
Berköz M., Krosniak M., ÖZKAN YILMAZ F., ÖZLÜER HUNT A.  
IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY, vol.42, no.4, pp.330-339, 2020 (SCI-Expanded)
- XXIV. **Myricetin inhibits angiotensin converting enzyme and induces nitric oxide production in HUVEC cell line**  
Berköz M., YILDIRIM M., YALIN S., İlhan M., Yunusoğlu O.  
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.39, no.3, pp.249-258, 2020 (SCI-Expanded)
- XXV. **Punicalagin induces apoptosis in A549 cell line through mitochondria-mediated pathway**  
Berköz M., Krosniak M.  
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.39, no.6, pp.557-567, 2020 (SCI-Expanded)
- XXVI. **Roe protein hydrolysate of *Alburnus tarichi* induces apoptosis in breast cancer MCF-7 and MDA-MB-231 cells through a caspase-dependent pathway**  
Berköz M., ÖZKAN YILMAZ F., ÖZLÜER HUNT A., Krosniak M., Türkmen Ö., Yunusoğlu O.  
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.39, no.5, pp.449-460, 2020 (SCI-Expanded)
- XXVII. **EFFECT OF HYPEROSIDE ON THE INHIBITION OF ADIPOGENESIS IN 3T3-L1 ADIPOCYTES**  
Berköz M.  
ACTA ENDOCRINOLOGICA-BUCHAREST, vol.15, no.2, pp.165-172, 2019 (SCI-Expanded)
- XXVIII. **INFLUENCE OF SUBLETHAL CHLORPYRIFOS EXPOSURE ON OXIDATIVE STRESS AND ACETYLCHOLINESTERASE ACTIVITY IN COMMON CARP (*CYPRINUS CARPIO*)**  
Berköz M., Ozkan-Yilmaz F., Ozluer-Hunt A., Gunduz S. G., Yildirim M., Yalin S.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.6, pp.4642-4649, 2019 (SCI-Expanded)
- XXIX. **HEPATOPROTECTIVE EFFECT OF NIGELLA SATIVA L. EXTRACT IN METHYL PARATHION EXPOSED RATS**  
Berköz M., KAHRAMAN T., Yildirim M., Yiğit M. F., Allahverdiyev O.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.10, pp.7079-7087, 2019 (SCI-Expanded)
- XXX. **Diosmin suppresses the proinflammatory mediators in lipopolysaccharide-induced RAW264.7 macrophages via NF-kappa B and MAPKs signal pathways**  
Berköz M.  
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.38, no.4, pp.315-324, 2019 (SCI-Expanded)
- XXXI. **ROSA CANINA L. ETHANOLIC EXTRACT INDUCES THE ANTI-PROLIFERATIVE AND APOPTOSIS POTENTIAL IN MCF-7 AND MDA-MB-468 CELL LINES**  
Berköz M., Ozkan-Yilmaz F., Ozluer-Hunt A., Yildirim M., Allahverdiyev O., Aslan A.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, no.5, pp.3718-3723, 2019 (SCI-Expanded)
- XXXII. **EFFECTS OF FENBUTATIN OXIDE ON ANTIOXIDANT SYSTEM OF DIFFERENT TISSUES IN *Cyprinus carpio* (L., 1758)**  
Ozkan-Yilmaz F., Ozluer-Hunt A., Gunduz S. G., Berköz M., Yalin S., Yildirim M.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, no.10, pp.6141-6148, 2017 (SCI-Expanded)
- XXXIII. **Association between PON1 L55M polymorphism and PON1 enzyme activity in patients with leukemia Lösemi hastalarında PON1 L55M Polimorfizmi ile PON1 enzim aktivitesi arasındaki ilişki**  
Eras N., Tombak A., Tiftik N., Yalin S., Berköz M., Kul S., Akbas E.  
UHOD - Uluslararası Hematoloji-Onkoloji Dergisi, vol.27, no.1, pp.21-28, 2017 (SCI-Expanded)
- XXXIV. **Can curcumin modulate allergic rhinitis in rats?**  
ACAR M., Muluk N. B., Yigitaslan S., CENGİZ B., Shojaolsadati P., Karimkhani H., ADA S., Berköz M., Cingi C.

- Journal of Laryngology and Otology, vol.130, no.12, pp.1103-1109, 2016 (SCI-Expanded)
- XXXV. **Is Nasal Polyposis Related to Levels of Serum Vitamin D and Vitamin D Receptor Gene Expression?**  
ERDAG O., Turan M., Ucler R., Berköz M., Garca M. F., Bozan N., Kiroğlu A. F., Cankaya H.  
MEDICAL SCIENCE MONITOR, vol.22, pp.4636-4643, 2016 (SCI-Expanded)
- XXXVI. **Determination of genotoxic effects of hookah smoking by micronucleus and chromosome aberration methods**  
Eker E. D., KOYUNCU H., Şahin N. Ö., YÜKSEL A., Berköz M., Diler S. B., Akgül S. A.  
Medical Science Monitor, vol.22, pp.4490-4494, 2016 (SCI-Expanded)
- XXXVII. **Antioxidant activities of curcumin in allergic rhinitis**  
ALTINTOPRAK N., KAR M., Acar M., Berköz M., Muluk N. B., Cingi C.  
European Archives of Oto-Rhino-Laryngology, vol.273, no.11, pp.3765-3773, 2016 (SCI-Expanded)
- XXXVIII. **Thymoquinone Reduces the Inflammatory Response in Adipocytes**  
Berköz M., Allahverdiyev O., YILDIRIM M., YALIN S.  
ACTA PHYSIOLOGICA, vol.218, pp.50-51, 2016 (SCI-Expanded)
- XXXIX. **Investigation of the association between chronic hepatitis B and C infections and TNF- $\alpha$ (-308) Gene polymorphism Kronik Hepatit B ve C Enfeksiyonlari ile TNF- $\alpha$ (-308) Gen Polimorfizmi Arasindaki İlişkinin Araştınlması**  
Börekçi G., Aras N., Kandemir Ö., Yalin S., Karakaş Çelik S., Berköz M.  
Mikrobiyoloji Bulteni, vol.50, no.2, pp.236-244, 2016 (SCI-Expanded)
- XL. **Effects of Dietary Nucleotide Yeast on Immune Responses and Antioxidant Enzyme Activities of Rainbow Trout Juveniles (*Oncorhynchus mykiss*)**  
ÖZLÜER HUNT A., ÖZKAN YILMAZ F., Berköz M., ENGİN K., Gunduz S. G., YALIN S.  
ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.68, 2016 (SCI-Expanded)
- XLI. **EFFECTS OF METHIDATHION ON ANTIOXIDANT SYSTEM AND EXPRESSION OF HEAT SHOCK PROTEIN 70 (HSP70) GENE IN THE LIVER OF *Oreochromis niloticus* L. 1758**  
ÖZKAN YILMAZ F., ÖZLÜER HUNT A., Gunduz S. G., Berköz M., YALIN S., ŞAHİN N. Ö.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.24, pp.2650-2658, 2015 (SCI-Expanded)
- XLII. **Assessment of liver volume with computed tomography and comparison of findings with ultrasonography**  
Bora A., ALPTEKİN C., Yavuz A., Batur A., AKDEMİR Z., Berköz M.  
ABDOMINAL IMAGING, vol.39, no.6, pp.1153-1161, 2014 (SCI-Expanded)
- XLIII. **Possible role of selective serotonin reuptake inhibitor sertraline on oxidative stress responses**  
Battal D., Yalin S., Eker E. D., Aktas A., Sahin N. O., Cebo M., Berköz M.  
EUROPEAN REVIEW FOR MEDICAL AND PHARMACOLOGICAL SCIENCES, vol.18, no.4, pp.477-484, 2014 (SCI-Expanded)
- XLIV. **Promoter polymorphisms of IL18 gene in chronic hepatitis C patients Kronik hepatit C hastalarında IL18 promotor bölge polimorfizmi**  
Karakaş-Çelik S., Börekçi G., Kandemir Ö., Yalin S., Berköz M., Bekalp I., Kubilay A., Aras N.  
Gazi Medical Journal, vol.25, no.4, pp.125-127, 2014 (SCI-Expanded)
- XLV. **The Effects of Fish Meal Replacement by Yeast Based Nucleotides on Growth, Body Composition and Digestive Enzyme Activity in Rainbow Trout Juveniles (*Onchorchyncus mykiss*)**  
ÖZLÜER HUNT A., Yilmaz F. O., ENGİN K., Berköz M., Gunduz S. G., YALIN S., ŞAHİN N. Ö.  
ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.66, 2014 (SCI-Expanded)
- XLVI. **Effects of dietary selenium of organic form against lead toxicity on the antioxidant system in *Cyprinus carpio***  
Özkan-Yılmaz F., Özlüer-Hunt A., Gündüz S. G., Berköz M., Yalin S.  
Fish Physiology and Biochemistry, vol.40, no.2, pp.355-363, 2014 (SCI-Expanded)
- XLVII. **IRS-2 G1057D polymorphism in Turkish patients with colorectal cancer**  
Hulya Yukseloglu E., Karakas Celik S., Urhan Kucuk M., Yalin E., Sebnem Ozkal S., ATES C., Berköz M., Yalin S., Aras Ates N.  
Przegląd Gastroenterologiczny, vol.9, no.2, pp.88-92, 2014 (SCI-Expanded)

- XLVIII. Electrophysiological, biochemical and ultrastructural effects of radiotherapy on normal rat sciatic nerve.**  
 AKTAS S., COMELEKOGLU U., YILMAZ S., YALIN S., ARSLANTAS S., YILMAZ B., SOGUT F., Berkoz M., SUNGUR M.  
 International journal of radiation biology, vol.89, pp.155-61, 2013 (SCI-Expanded)
- XLIX. Role of Free Radicals on Retinitis Pigmentosa**  
 Tumay M., Hatungil R., Berkoz M., Yalin S., Erdogan S.  
 ASIAN JOURNAL OF CHEMISTRY, vol.25, no.3, pp.1561-1564, 2013 (SCI-Expanded)
- L. The protective role of ascorbic acid (vitamin C) against chlorpyrifos-induced oxidative stress in Oreochromis niloticus.**  
 OZKAN F., GÜNDÜZ S., Berköz M., HUNT A., YALIN S.  
 Fish physiology and biochemistry, vol.38, pp.635-43, 2012 (SCI-Expanded)
- LI. Effect of Cutaneous Leishmaniasis Treatment on Serum Adenosine/Deoxyadenosine Deaminase Activities**  
 Culha G., Berkoz M., Yalin S., Gulkan B.  
 ASIAN JOURNAL OF CHEMISTRY, vol.24, no.5, pp.1971-1974, 2012 (SCI-Expanded)
- LII. Ovariectomy decreases biomechanical quality of skin via oxidative stress in rat**  
 Comelekoglu U., Yalin S., Balli E., Berkoz M.  
 TURKISH JOURNAL OF MEDICAL SCIENCES, vol.42, no.2, pp.201-209, 2012 (SCI-Expanded)
- LIII. Strontium ranelate treatment improves oxidative damage in osteoporotic rat model**  
 Yalin S., Sagir O., Comelekoglu U., Berkoz M., Eroglu P.  
 PHARMACOLOGICAL REPORTS, vol.64, no.2, pp.396-402, 2012 (SCI-Expanded)
- LIV. Effect of Funalia trogii in heart tissue of rats exposed to deltamethrin**  
 Yalin S., Comelekoglu U., Mazmanci B., Balli E., Eroglu P., Sogut F., Berkoz M., Mazmanci M. A., Yalin E., Unyayar A.  
 TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.37, no.3, pp.239-244, 2012 (SCI-Expanded)
- LV. Rationale for an international consortium to study inherited genetic susceptibility to childhood acute lymphoblastic leukemia**  
 Sherborne A. L., Hemminki K., Kumar R., Bartram C. R., Stanulla M., Schrappe M., Petridou E., Semsei A. F., Szalai C., Sinnott D., et al.  
 HAEMATOLOGICA-THE HEMATOLOGY JOURNAL, vol.96, no.7, pp.1049-1054, 2011 (SCI-Expanded)
- LVI. Effect of Mannan Oligosaccharide on Growth, Body Composition, and Antioxidant Enzyme Activity of Tilapia (Oreochromis niloticus)**  
 Ozluer-Hunt A., Berkoz M., Ozkan F., Yalin S., ERÇEN Z., ERDOĞAN E., Gunduz S. G.  
 ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.63, 2011 (SCI-Expanded)
- LVII. EFFECTS OF DIETARY SUPPLEMENTATION OF VITAMIN C ON LEVEL OF PROTEIN CARBONYL IN LIVER AND NUCLEAR ABNORMALITIES IN PERIPHERAL ERYTHROCYTES OF Oreochromis niloticus**  
 Ozkan F., Gunduz S. G., Berkoz M., Hunt A. O., Yalin S.  
 FRESenius ENVIRONMENTAL BULLETIN, vol.20, no.6A, pp.1520-1524, 2011 (SCI-Expanded)
- LVIII. The association between cyclooxygenase-2 (COX-2/PTGS2) gene polymorphism and osteoarthritis**  
 Guler V. G., Yalin S., Berkoz M., Cimen O. B., Yalin E., Eroglu P., Kanik A.  
 EKLEM HASTALIKLARI VE CERRAHISI-JOINT DISEASES AND RELATED SURGERY, vol.22, no.1, pp.22-27, 2011 (SCI-Expanded)
- LIX. Induction of micronuclei and other nuclear abnormalities in peripheral erythrocytes of Nile tilapia, Oreochromis niloticus, following exposure to sublethal cadmium doses**  
 Ozkan F., Gunduz S. G., Berkoz M., Hunt A. O.  
 TURKISH JOURNAL OF ZOOLOGY, vol.35, no.4, pp.585-592, 2011 (SCI-Expanded)
- LX. Effects of Organic Selenium on Growth, Muscle Composition, and Antioxidant System in Rainbow Trout**  
 Hunt A. O., Berkoz M., Ozkan F., Yalin S., ERÇEN Z., ERDOĞAN E., Gunduz S. G.  
 ISRAELI JOURNAL OF AQUACULTURE-BAMIDGEH, vol.63, 2011 (SCI-Expanded)
- LXI. Effects of alendronate and risedronate therapy on hepatic antioxidant enzyme activity and lipid peroxidation in ovariectomized rats**

Yalin S., Comelekoglu U., Bagis S., Berkoz M., Eroglu P.

TURKISH JOURNAL OF MEDICAL SCIENCES, vol.40, no.4, pp.613-618, 2010 (SCI-Expanded)

- LXII. **Association of CYP2B6 G15631T polymorphism with acute leukemia susceptibility.**  
Berköz M., YALIN S.  
Leukemia research, vol.33, pp.919-23, 2009 (SCI-Expanded)
- LXIII. **Exposure to gamma rays induces early alterations in skin in rodents: Mechanical, biochemical and structural responses**  
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## Supported Projects

Berköz M., ERAD Y., Project Supported by Higher Education Institutions, Tümör Nekroz Faktör Alfa ile İndüklenen Endotel Disfonksiyon Modelinde Fisetin Uygulamasının Antiaterojenik ve Antienflamatuvar Parametreler Üzerindeki Etkinliğinin İncelenmesi, 2023 - 2024

Berköz M., ÇEVİK M., Project Supported by Higher Education Institutions, Metotreksat İntoksikasyonuna Karşı Bromelain Tedavisinin Etkinliğinin Araştırılması, 2023 - 2024

Ayan A., Berköz M., KILIÇ E. G., Project Supported by Higher Education Institutions, Lipopolisakkarit Kaynaklı Endotoksemide Biochanin A ve Formononetin Uygulamasının Böbrek Hasarını Önlemeye Etkisi, 2022 - 2024

Berköz M., KILIÇ S., Project Supported by Higher Education Institutions, Liken kaynaklı bazı sekonder metabolitlerin A375 melanoma hücreleri üzerindeki antitümöral potansiyellerinin incelenmesi, 2022 - 2024

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Berköz M., UZUN G., PEKER M., KIRTAY B. A., Project Supported by Higher Education Institutions, Bromelainin A549 Akciğer Kanseri Hücrelerinde Antiproliferatif Apoptotik ve Antianjiogenik Etkinliğinin Araştırılması, 2022 - 2023

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Berköz M., UZUN G., KIRTAY B. A., PEKER M., Project Supported by Higher Education Institutions, A375 Melanoma Hücrelerinde Gingerolun Antitümöral Aktivitesinin Değerlendirilmesi, 2022 - 2023

Berköz M., YIĞİT M. İ., Project Supported by Higher Education Institutions, Bazı doğal tirozinaz inhibitörlerinin melanoma hücreleri üzerindeki antiproliferatif antimetastatik apoptotik ve antienflamatuvar potansiyellerinin incelenmesi, 2022 - 2022

Berköz M., ERDİL R., Project Supported by Higher Education Institutions, Artesunat, diosmin ve arbutinin larinks kanseri üzerindeki antiproliferatif, antimetastatik, apoptotik ve antienflamatuvar aktivitelerinin araştırılması, 2022 - 2022

Berköz M., KAPLAN M., Project Supported by Higher Education Institutions, Bazı Liken Sekonder Metabolitlerinin Lipopolisakkarit ile İndüklenmiş RAW264.7 Makrofaj Hücrelerindeki Antienflamatuvar Etkinliklerinin İncelenmesi, 2022 - 2022

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Berköz M., DİNLER TARTIK Z., Project Supported by Higher Education Institutions, Likenlerden İzole Edilen Bazı Sekonder Metabolitlerin Lipopolisakkarit ile İndüklenmiş BV2 Mikroglia Hücreleri Üzerindeki Antienflamatuvar Etkinliklerinin Araştırılması, 2022 - 2022

Berköz M., ÇİFTÇİ O., Project Supported by Higher Education Institutions, Boswellik Asit, Betulinik Asit ve Ürsolik Asit Uygulamalarının Sıçanlarda Siklofosamid ile İndüklenmiş Nefrotoksisiteye Karşı Koruyucu Rollerinin Araştırılması, 2021 - 2021

Berköz M., YİĞİT A., Project Supported by Higher Education Institutions, Kurşun Asetat Maruziyeti Sonucu Oluşan Nefrotoksisiteye Karşı Mirisetin, Kaemferol, Fisetin ve Galanginin Koruyucu Rolünün Araştırılması, 2021 - 2021

Berköz M., VOLKAN D., Project Supported by Higher Education Institutions, Malathion İntoksikasyonu Sonucu Oluşan Nefrotoksisiteye Karşı Mirisetin, Apigenin, Kuersetin ve Kaemferolun Muhtemel Koruyucu Rollerinin Araştırılması, 2020 - 2021

Berköz M., YALIN S., Türkmen Ö., Project Supported by Higher Education Institutions, Bisfenol A Maruziyetinde Meydana Gelen Testiküler Yetmezlikte Doğal ve Sentetik Bazı Aromataz İnhibitörlerinin Koruyucu Rollerinin Araştırılması, 2020 - 2021

Aslan A., Allahverdiyev O., Berköz M., Battal A., Project Supported by Higher Education Institutions, Etil Alkol ile Oluşturulan Karaciğer Toksikasyonunda Usnea longissima ve Xanthoparmelia somloensis Ekstraktlarının Oksidatif Stres ve Enflamasyon Üzerine Koruyucu Etkisinin Araştırılması, 2018 - 2021

Berköz M., AKKUŞ Y., Project Supported by Higher Education Institutions, Aç farelere skopolamin uygulanması ve yem verilmesi ile oluşan konvülsiyonlarda MK801in beyin dokusundaki oksidatif stres inflamasyon ve ghrelin düzeylerine etkilerinin araştırılması, 2019 - 2020

Berköz M., Project Supported by Higher Education Institutions, Timokinonun adipositlerdeki enflamatuvar yanıt üzerine etkisinin incelenmesi, 2019 - 2020

Aslan A., Bozkurt A., Battal A., Berköz M., Allahverdiyev O., Project Supported by Higher Education Institutions, Bazı Liken Türleri ve Onlardan İzole Edilen Üsnik Asidin Pentilentetrazol Kindling Epilepsi Modelinde Deneysel Olarak Antiepileptik Potansiyelinin Davranışsal ve Biyokimyasal Düzeyde Araştırılması, 2019 - 2020

Berköz M., YALIN S., YILDIRIM M., YALIN S., Allahverdiyev O., Project Supported by Higher Education Institutions, Sıçanlarda siklofosamid ile oluşturulmuş oksidatif stres ve inflamasyona karşı kaempferol hesperidin mirisetin apigenin ve epigallokateşin gallatın olası koruyucu etkilerinin araştırılması, 2019 - 2020

Berköz M., Project Supported by Higher Education Institutions, Kiraz çekirdeğinin preadipositlerin farklılaşmasına olan etkisinin transkripsiyon faktörleri üzerinden incelenmesi, 2018 - 2019

Yunusoğlu O., Berköz M., YILDIRIM M., Türkmen Ö., Project Supported by Higher Education Institutions, Aloe vera ekstraktının preadipositlerin farklılaşmasına olan etkisinin transkripsiyon faktörleri üzerinden incelenmesi, 2016 - 2017

## Scientific Refereeing

Project Supported by Higher Education Institutions, June 2020

Project Supported by Higher Education Institutions, February 2020

GENERAL PHYSIOLOGY AND BIOPHYSICS, SCI Journal, December 2019

MEDICAL SCIENCE MONITOR, SCI Journal, March 2019

MEDICAL SCIENCE MONITOR, SCI Journal, March 2019

Medical Science Monitor Basic Research, Other Indexed Journal, December 2018

Van Tıp Dergisi, National Scientific Refreed Journal, December 2017

## Metrics

Publication: 159

Citation (WoS): 341

Citation (Scopus): 751

H-Index (WoS): 11

H-Index (Scopus): 17

### **Congress and Symposium Activities**

V. International Congress on Natural and Health Sciences (ICNHS-2019), Session Moderator, Adana, Turkey, 2019

3rd International Conference on Agriculture, Food, Veterinary and Pharmacy Sciences (ICAFOP), Session Moderator, Trabzon, Turkey, 2019

Çukurova I. Uluslararası Multidisipliner Çalışmalar Kongresi, Session Moderator, Adana, Turkey, 2018

International Conference on Agriculture, Forest, Food, Veterinary Sciences and Technologies (ICAFOF-2018), Session Moderator, İzmir, Turkey, 2018

### **Non Academic Experience**

Jageillonian Üniversitesi Eczacılık Fakültesi Bromatoloji Anabilim Dalı, Krakow

Jageillonian Üniversitesi Eczacılık Fakültesi Bromatoloji Anabilim Dalı, Krakow

Jageillonian Üniversitesi Eczacılık Fakültesi Bromatoloji Anabilim Dalı, Krakow

Özel Mersin IMC Hastanesi