

## Assoc. Prof. EMİN KAYMAK

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: DXC-6462-2022

Yoksis Researcher ID: 42473

### Education Information

Doctorate, Erciyes University, Sağlık Bilimleri Enstitüsü, Histoloji-Embriyoloji (Dr), Turkey 2016 - 2019

Postgraduate, Erciyes University, Sağlık Bilimleri Enstitüsü, Histoloji-Embriyoloji (YI) (Tezli), Turkey 2013 - 2016

Undergraduate, Erciyes University, Fen Fakültesi, Biyoloji Bölümü, Turkey 2008 - 2012

### Dissertations

Doctorate, HİPOKSİ İLE OLUŞTURULAN DENEYSEL PULMONER ARTER HİPERTANSİYONUNDA PULMONER ARTER DÜZ KAS HÜCRELERİNDEKİ KALSİYUM HOMEOSTAZİSİ ÜZERİNE CHLOROQUİNE'İN ETKİSİ, Erciyes University, Sağlık Bilimleri Enstitüsü, Histoloji-Embriyoloji (Dr), 2019

Postgraduate, Ehrlich Solid Tümörlerinde netrin1 ve Faktör 8 Üzerine Paklitakselin etkisi, Erciyes University, Sağlık Bilimleri Enstitüsü, Histoloji-Embriyoloji (YI) (Tezli), 2015

### Research Areas

Histology and Embryology, Fundamental Medical Sciences

### Academic Titles / Tasks

Associate Professor, Yozgat Bozok University, Tıp Fakültesi, Temel Tıp Bilimleri, 2023 - Continues

Assistant Professor, Yozgat Bozok University, Tıp Fakültesi, Temel Tıp Bilimleri, 2021 - 2023

Research Assistant PhD, Yozgat Bozok University, Tıp Fakültesi, Temel Tıp Bilimleri, 2017 - 2021

Research Assistant, Erciyes University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2014 - 2017

### Courses

Tıp Fakültesi Dönem 1 Hücre, Undergraduate, 2020 - 2021

Tıp Fakültesi Dönem 2 Özel Embriyoloji, Undergraduate, 2020 - 2021

Tıp Fakültesi Dönem 2 Özel Histoloji, Undergraduate, 2020 - 2021

Tıp Fakültesi Dönem 2 Genel Embriyoloji, Undergraduate, 2020 - 2021

Tıp Fakültesi Dönem 2 Genel Histoloji, Undergraduate, 2020 - 2021

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

- I. **Evaluation of the protective effect of losartan in acetaminophen-induced liver and kidney damage in mice**  
ŞAHİN S., Aydın A. Ç., GÖÇMEN A. Y., KAYMAK E.  
Naunyn-Schmiedeberg's Archives of Pharmacology, vol.397, no.7, pp.5067-5078, 2024 (SCI-Expanded)
- II. **Effect of vitamin B12 on methotrexate-induced cardiotoxicity in rats**  
Kuloğlu N., KARABULUT D., KAYMAK E., Akin A. T., Ceylan T., Yildirim A. B., Yakan B.  
Iranian Journal of Basic Medical Sciences, vol.27, no.6, pp.733-739, 2024 (SCI-Expanded)
- III. **2-Arachidonoylglycerol Activity in Over Ischemia Reperfusion Damage: Can Endocannabinoids Protect Ovarian Reserve?**  
Aydoğan Kirmizi D., Başer E., Kaymak E., Kılıç D., Onat T., Ozkut M. M.  
Cannabis and cannabinoid research, vol.9, pp.591-600, 2024 (SCI-Expanded)
- IV. **Quinoa (*Chenopodium quinoa* Willd.) supplemented cafeteria diet ameliorates glucose intolerance in rats**  
Ozcaliskan Ilkay H., KARABULUT D., KAMACI ÖZOCAK G., Mehmetbeyoglu E., KAYMAK E., KİŞİOĞLU B., ÇİÇEK B., Akyol A.  
Food Science and Nutrition, vol.11, no.11, pp.6920-6930, 2023 (SCI-Expanded)
- V. **Neuroprotective effect of transient receptor potential Vanilloid 1 agonist capsaicin in Alzheimer's disease model induced with okadaic acid**  
Çakır M., Yüksel F., Mustafa Özkut M., Durhan M., Kaymak E., Tekin S., Çiğremiş Y.  
International Immunopharmacology, vol.118, 2023 (SCI-Expanded)
- VI. **Tauroursodeoxycholic Acid (TUDCA) Regulates Inflammation and Hypoxia in Autonomic Tissues of Rats with Seizures**  
Üner A. K., Okan A., Akyüz E., Köklü B., Eroğlu E., YILMAZ S., Ünalmiş D., KAYMAK E., Aslan F. Ş., Qureshi M. Z., et al.  
Cellular and molecular biology (Noisy-le-Grand, France), vol.68, no.12, pp.104-111, 2023 (SCI-Expanded)
- VII. **The effect of *Cornus mas* extract on nicotine-induced oxidative stress and intratesticular damage in male rats**  
Öztekin Ü., Caniklioğlu M., Ateş Ş., Doğanyığıt Z., Kaymak E., Fırat F., Göçmen A. Y., Ataç F., Attar R., Yılmaz S.  
Cellular and Molecular Biology, vol.69, no.11, pp.246-253, 2023 (SCI-Expanded)
- VIII. **Effects of adriamycin on cell differentiation and proliferation in rat testis**  
KARAYOL AKIN A., TOLUK A., Ozdamar S., TAHERİ S., KAYMAK E., Mehmetbeyoglu E.  
Biotechnic and Histochemistry, vol.98, no.7, pp.523-533, 2023 (SCI-Expanded)
- IX. **Thymoquinone attenuates doxorubicin-induced lung damage via heat shock proteins, inflammation and endoplasmic reticulum stress**  
Ozturk E., KAYMAK E., KARAYOL AKIN A., KARABULUT D., YAKAN B.  
Journal of the Hellenic Veterinary Medical Society, vol.74, no.2, pp.5569-5576, 2023 (SCI-Expanded)
- X. **Protective effect of edaravone on cisplatin-induced injury in rat ovary**  
Kara O., KAYMAK E., YAKAN B.  
ARCHIVES OF GYNECOLOGY AND OBSTETRICS, vol.306, no.5, pp.1673-1678, 2022 (SCI-Expanded)
- XI. **Chloroquine attenuates chronic hypoxia-induced testicular damage via suppressing endoplasmic reticulum stress and apoptosis in experimental rat model**  
AKİN A. T., KAYMAK E., Ceylan T., Ozturk E., BAŞARAN K. E., KARABULUT D., Ozdamar S., YAKAN B.  
CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGY, vol.49, pp.813-823, 2022 (SCI-Expanded)
- XII. **Vitamin B12 suppresses GADD153, prevents apoptosis and regulates the testicular function in methotrexate treated rat testis**  
KARABULUT D., Ozturk E., KAYMAK E., Kuloglu N., AKİN A. T., YAKAN B.  
BIOTECHNIC & HISTOCHEMISTRY, vol.97, no.4, pp.290-297, 2022 (SCI-Expanded)

- XIII. **Evaluation by different mechanisms of the protective effects of vitamin B12 on methotrexate nephrotoxicity**  
Ozturk E., Karabulut D., AKİN A. T., KAYMAK E., Kuloglu N., Yakan B.  
JOURNAL OF MOLECULAR HISTOLOGY, vol.53, no.1, pp.133-143, 2022 (SCI-Expanded)
- XIV. **Thymoquinone alleviates doxorubicin induced acute kidney injury by decreasing endoplasmic reticulum stress, inflammation and apoptosis**  
KAYMAK E., Ozturk E., Akın A. T., KARABULUT D., YAKAN B.  
BIOTECHNIC & HISTOCHEMISTRY, vol.97, no.8, pp.622-634, 2022 (SCI-Expanded)
- XV. **Therapeutic effects of thymoquinone in doxorubicin-induced hepatotoxicity via oxidative stress, inflammation and apoptosis**  
AKİN A. T., ozturk E., KAYMAK E., KARABULUT D., YAKAN B.  
ANATOMIA HISTOLOGIA EMBRYOLOGIA, vol.50, no.6, pp.908-917, 2021 (SCI-Expanded)
- XVI. **Thymoquinone has a neuroprotective effect against inflammation, oxidative stress, and endoplasmic reticulum stress in the brain cortex, medulla, and hippocampus due to doxorubicin**  
KAYMAK E., AKİN A. T., Ozturk E., KARABULUT D., Kuloglu N., YAKAN B.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.35, no.11, 2021 (SCI-Expanded)
- XVII. **Investigating the role of muscarinic acetylcholine M2 and serotonin 5-HT2B receptors, norepinephrine transporter and Kir channels in a pentylenetetrazol-kindling model of epilepsy**  
Chiara V., Akyuz E., DOĞANYIĞIT Z., Paudel Y. N., Koklu B., Kaymak E., Arulsamy A., Shaikh M. F., Devinsky O.  
JOURNAL OF THE NEUROLOGICAL SCIENCES, vol.429, 2021 (SCI-Expanded)
- XVIII. **Nephroprotective effect of apilarnil in lipopolysaccharide-induced sepsis through TLR4/NF-κB signaling pathway.**  
İnandıkhoğlu N., Doğanyığıt Z., Okan A., Kaymak E., Silici S.  
Life sciences, vol.284, pp.119875, 2021 (SCI-Expanded)
- XIX. **Chloroquine Ameliorates Adriamycin-Induced Testicular Damage by Suppressing the Inflammation and Apoptosis in Rats: A Histological, Immunohistochemical and Biochemical Study**  
AKİN A. T., KAYMAK E., Ozturk E., KARABULUT D., TOLUK A.  
INTERNATIONAL JOURNAL OF MORPHOLOGY, vol.39, no.4, pp.1123-1131, 2021 (SCI-Expanded)
- XX. **The protective effect of JZL184 on ovarian ischemia reperfusion injury and ovarian reserve in rats**  
Caltekin M., Ozkut M. M., Caltekin I., KAYMAK E., ÇAKIR M., Kara M., YALVAÇ E. S.  
Journal of Obstetrics and Gynaecology Research, vol.47, no.8, pp.2692-2704, 2021 (SCI-Expanded)
- XXI. **Activation of cannabinoid 2 receptors by JWH-133 protects against ovarian ischemia-reperfusion injury in rats**  
ONAT T., DEMİR ÇALTEKİN M., DOĞANYIĞIT Z., TÜRKLER C., KAYMAK E., Kara M., Serdar Yalvac E. S.  
BIOTECHNIC & HISTOCHEMISTRY, vol.96, no.5, pp.394-400, 2021 (SCI-Expanded)
- XXII. **A different perspective on the filtration barrier after kidney stone formation: An immunohistochemical and biochemical study.**  
Karabulut D., Kaymak E., Yalçın B., Ülger H., Barlak Ketı D.  
Urolithiasis, vol.49, no.3, pp.201-210, 2021 (SCI-Expanded)
- XXIII. **Investigation of Effect of Paclitaxel on Netrin 1 and Factor 8 in Ehrlich Solid Tumors**  
KAYMAK E., Ertekin T., Ozdamar S.  
INTERNATIONAL JOURNAL OF MORPHOLOGY, vol.39, no.2, pp.564-570, 2021 (SCI-Expanded)
- XXIV. **The Effects of Rapamycin and 3-Methyladenine on Nitric Oxide Synthase Enzymes in Cisplatin-Induced Neurotoxicity**  
KAYMAK E., KARABULUT D., Ozturk E., AKİN A. T., YAKAN B.  
INTERNATIONAL JOURNAL OF MORPHOLOGY, vol.39, no.2, pp.659-666, 2021 (SCI-Expanded)
- XXV. **Immunoreactivity of Muscarinic Acetylcholine M2 and Serotonin 5-HT2B Receptors, Norepinephrine Transporter and Kir Channels in a Model of Epilepsy**  
Akyuz E., DOĞANYIĞIT Z., Paudel Y. N., Koklu B., KAYMAK E., Villa C., Arulsamy A., Shaikh M. F., Devinsky O.  
LIFE-BASEL, vol.11, no.4, 2021 (SCI-Expanded)
- XXVI. **The Ameliorative Effects of Caffeic Acid Phenethyl Ester in Cisplatin-Induced Nephrotoxicity:**

### **Assessment of the Oxidative Stress an Inflammation**

Ceylan T., KAYMAK E., AKİN A. T., YAKAN B.

INTERNATIONAL JOURNAL OF MORPHOLOGY, vol.39, no.2, pp.612-618, 2021 (SCI-Expanded)

- XXVII. **The effect of chloroquine on the TRPC1, TRPC6, and CaSR in the pulmonary artery smooth muscle cells in hypoxia-induced experimental pulmonary artery hypertension**  
KAYMAK E., AKİN A. T., Tufan E., BAŞARAN K. E., TAHERİ S., Ozdamar S., YAKAN B.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.35, no.2, 2021 (SCI-Expanded)
- XXVIII. **Thymoquinone attenuates doxorubicin-cardiotoxicity in rats**  
KARABULUT D., Ozturk E., KAYMAK E., AKİN A. T., YAKAN B.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.35, no.1, 2021 (SCI-Expanded)
- XXIX. **Effects of vitamin B12 on methotrexate hepatotoxicity: evaluation of receptor-interacting protein (RIP) kinase**  
KARABULUT D., Ozturk E., Kuloglu N., AKİN A. T., KAYMAK E., YAKAN B.  
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.393, no.12, pp.2473-2480, 2020 (SCI-Expanded)
- XXX. **Thymoquinone is a protective agent that reduces the negative effects of doxorubicin in rat testis**  
Ozturk E., KAYMAK E., AKİN A. T., Karabulut D., Unsal H. M., Yakan B.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.39, no.10, pp.1364-1373, 2020 (SCI-Expanded)
- XXXI. **Effects of Melatonin Against Thioacetamide-Induced Testicular Toxicity in Rats**  
KARABULUT D., AKİN A. T., Sayan M., KAYMAK E., Ozturk E., YAKAN B.  
INTERNATIONAL JOURNAL OF MORPHOLOGY, vol.38, no.5, pp.1455-1462, 2020 (SCI-Expanded)
- XXXII. **Investigating Cardiac Morphological Alterations in a Pentylene-tetrazol-Kindling Model of Epilepsy**  
Akyuz E., Polat K., ATEŞ Ş., Unalmis D., TOKPINAR A., YILMAZ S., KAYMAK E., DOĞANYİĞİT Z., Villa C.  
DIAGNOSTICS, vol.10, no.6, 2020 (SCI-Expanded)
- XXXIII. **Investigation of protective effects of apilarnil against lipopolysaccharide induced liver injury in rats via TLR 4/ HMGB-1/ NF-kappa B pathway**  
DOĞANYİĞİT Z., OKAN OFLAMAZ A., KAYMAK E., PANDIR D., SİLİCİ S.  
BIOMEDICINE & PHARMACOTHERAPY, vol.125, 2020 (SCI-Expanded)
- XXXIV. **Increased ACh-Associated Immunoreactivity in Autonomic Centers in PTZ Kindling Model of Epilepsy**  
Akyuz E., DOĞANYİĞİT Z., Paudel Y. N., KAYMAK E., YILMAZ S., Uner A., Shaikh M. F.  
BIOMEDICINES, vol.8, no.5, 2020 (SCI-Expanded)
- XXXV. **The cardiotoxic effects of acute and chronic grayanotoxin-III in rats**  
DOĞANYİĞİT Z., Kaymak E., Silici S.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.39, no.3, pp.374-383, 2020 (SCI-Expanded)
- XXXVI. **Histological, immunohistochemical and biochemical effects of bee bread on stomach tissue of obese rats**  
Doganyigit Z., Yakan B., Soylu M., Kaymak E., Okan A., Silici S.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.121, no.7, pp.504-511, 2020 (SCI-Expanded)
- XXXVII. **Research on the protective effect of caffeic acid phenethyl ester on testicular damage caused by cisplatin**  
Ceylan T., Kaymak E., CANTÜRK TAN F., YAKAN B.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.50, no.8, pp.2032-2039, 2020 (SCI-Expanded)
- XXXVIII. **Alterations in the immunoreactivity of laminin, type IV collagen and alpha 3 beta 1 integrin in diabetic rat ovarian follicles**  
Yildirim A. B., KARABULUT D., Ozturk E., Kaymak E., Yalcin B., Kuloglu N., Akkus E.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.121, no.5, pp.340-347, 2020 (SCI-Expanded)
- XXXIX. **The effects of feeding obese rats with bee bread on leptin and ghrelin expression**  
DOĞANYİĞİT Z., YAKAN B., Soylu M., KAYMAK E., SİLİCİ S.  
TURKISH JOURNAL OF ZOOLOGY, vol.44, no.2, pp.114-125, 2020 (SCI-Expanded)
- XL. **The protective effect of cannabinoid type 2 receptor activation on renal ischemia-reperfusion injury**

- Cakir M., TEKİN S., Doganyigit Z., Cakan P., Kaymak E.  
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.462, pp.123-132, 2019 (SCI-Expanded)
- XLII. **Progesterone decreases the extent of ovarian damage caused by cisplatin in an experimental rat model**  
Ozdamar S., Taskin M. I., ÖNDER G. Ö., Kaymak E., BARAN M., YAY A. H.  
ADVANCES IN CLINICAL AND EXPERIMENTAL MEDICINE, vol.28, no.1, pp.25-33, 2019 (SCI-Expanded)
- XLIII. **Determination of histological, immunohistochemical and biochemical effects of acute and chronic grayanotoxin III administration in different doses in rats**  
Doganyigit Z., SİLİCİ S., DEMİRTAŞ A., KAYA E., KAYMAK E.  
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.26, no.2, pp.1323-1335, 2019 (SCI-Expanded)
- XLIV. **Protective effect of Vaccinium myrtillus on ischemia- reperfusion injury in rat ovary**  
Ozlem K., Birkan Y., Mustafa K., Emin K.  
TAIWANESE JOURNAL OF OBSTETRICS & GYNECOLOGY, vol.57, no.6, pp.836-841, 2018 (SCI-Expanded)
- XLV. **THE EFFECTS OF MATERNAL HYPOTHYROIDISM ON THE IMMUNOREACTIVITY OF CYTOCHROME P450 AROMATASE IN THE POSTNATAL RAT TESTICLES**  
Yildirim A. B., Ozdamar S., Kaymak E.  
ACTA ENDOCRINOLOGICA-BUCHAREST, vol.13, no.1, pp.7-16, 2017 (SCI-Expanded)
- XLVI. **The ameliorative effects of vinpocetine on apoptosis and HSP-70 expression in testicular torsion in rats**  
Sonmez M. F., ÖZDEMİR S., Guzel M., Kaymak E.  
BIOTECHNIC & HISTOCHEMISTRY, vol.92, no.2, pp.92-99, 2017 (SCI-Expanded)
- XLVII. **Protective Effect of Vitamin D Against Hyperoxia-Induced Lung Injury in Newborn Rats**  
KÖSE M., Bastug O., Sonmez M. F., PER S., Ozdemir A., Kaymak E., Yahsi H., ÖZTÜRK M. A.  
PEDIATRIC PULMONOLOGY, vol.52, no.1, pp.69-76, 2017 (SCI-Expanded)
- XLVIII. **Therapeutic effects of pentoxifylline on diabetic heart tissue via NOS**  
Karabulut D., Ulusoy H. B., Kaymak E., Sonmez M. F.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.16, no.5, pp.310-315, 2016 (SCI-Expanded)
- XLIX. **Protective effects of propolis on methotrexate-induced testis injury in rat**  
Sonmez M. F., Cilenk K. T., KARABULUT D., Unalmis S., Deligonul E., Ozturk I., Kaymak E.  
BIOMEDICINE & PHARMACOTHERAPY, vol.79, pp.44-51, 2016 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Thymoquinone reduces methotrexate-induced heart damage: a histopathological study in rats**  
Yildirim A. B., KAYMAK E., CEYLAN T., AKİN A. T., KULOĞLU N., Sayan M., Değer N., ÖNAL E., KARABULUT D.  
Cukurova Medical Journal, vol.48, no.3, pp.844-851, 2023 (ESCI)
- II. **Antidiabetic and Antioxidant Effect of Origanum minutiflorum O. Schwarz & P. H. Davis in Streptozotocin-Induced Diabetic Rats**  
Güllü İ. B., Albayrak S., KAYMAK E., Yay A. H.  
Hacettepe Journal of Biology and Chemistry, vol.51, no.3, pp.259-270, 2023 (Peer-Reviewed Journal)
- III. **Apilarnil protects the LPS induced endotoxemic heart**  
OKAN OFLAMAZ A., KAYMAK E., ÜNER A. K., SİLİCİ S., DOĞANYIĞİT Z.  
TURK HIJYEN VE DENEYSEL BIYOLOJİ DERGISI. TURKISH BULLETIN OF HYGIENE AND EXPERIMENTAL BIOLOGY, vol.79, no.4, pp.720-729, 2022 (Scopus)
- IV. **INVESTIGATION OF THE EFFECT OF CHLOROQUINE ON ADRIAMYCIN-INDUCED KIDNEY DAMAGE**  
KAYMAK E., AKİN A. T., CEYLAN T., KARABULUT D.  
Experimental and Applied Medical Science, vol.3, no.2, pp.335-344, 2022 (Peer-Reviewed Journal)
- V. **THE PROTECTIVE EFFECT OF ORIGANUM MAJORANA ESSENTIAL OIL ON GENTAMICIN-INDUCED NEPHROTOXICITY IN RATS**  
ÖZDAŞCI A., KAYMAK E., AKİN A. T., YAKAN B.

Bozok Tıp Dergisi, vol.12, no.2, pp.30-37, 2022 (Peer-Reviewed Journal)

- VI. **Vitamin B12 Alleviates Methotrexate-Induced Lung Injury In Rat: A Histopathological, Immunohistochemical, And Biochemical Study**  
KAYMAK E., KARABULUT D., ÖZTÜRK E., AKİN A. T., KULOĞLU N., YAKAN B.  
TURK HIJYEN VE DENEYSEL BIYOLOJİ DERGISI. TURKISH BULLETIN OF HYGIENE AND EXPERIMENTAL BIOLOGY, vol.79, no.1, pp.81-92, 2022 (Scopus)
- VII. **Protective effect of melatonin on cisplatin-induced liver injury in rats**  
KAYMAK E., ÜNSAL M., AKİN A. T., OZTURK E., CEYLAN T., KULOĞLU N., KARABULUT D., YAKAN B.  
CUKUROVA MEDICAL JOURNAL, vol.47, no.1, pp.250-258, 2022 (ESCI)
- VIII. **Chloroquine Decreased Kir6.2 Immunoreactivity in Chronic Hypoxic Heart**  
ÜNER A. K., KAYMAK E., DOĞANYİĞİT Z., AKİN A. T., BAŞARAN K. E., ÖZDAMAR S., YAKAN B., AKYÜZ E.  
BEZMIALEM SCIENCE, vol.10, no.2, pp.168-173, 2022 (ESCI)
- IX. **Mitigative effects of chloroquine treatment against hypoxia-induced intestinal injury: A histological and immunohistochemical study**  
AKİN A. T., KAYMAK E., ÖZTÜRK E., CEYLAN T., YALÇIN B., BAŞARAN K. E., KARABULUT D., DOĞANYİĞİT Z., ÖZDAMAR S., YAKAN B.  
Turkish Bulletin of Hygiene and Experimental Biology, vol.79, no.1, pp.59-70, 2022 (Scopus)
- X. **Naringinin ratlarda bakteriyel endotoksin kaynaklı ince bağırsak hasarı üzerindeki anti-inflamatuvar ve anti-apoptotik etkileri**  
AKİN A. T., EL BECHİR M. L., KAYMAK E., CEYLAN T., SAYAN M., DEĞER N., KARABULUT D., TOLUK A.  
CUKUROVA MEDICAL JOURNAL, vol.47, no.3, pp.1137-1146, 2022 (ESCI)
- XI. **Could Lycopene Protect Against Ischemia/Reperfusion Injury in the Uterus?**  
ONAT T., DOĞANYİĞİT Z., CALTEKİN M. D., TÜRKLER C., KAYMAK E., ALTINDAG M. M.  
ISTANBUL MEDICAL JOURNAL, vol.22, no.2, pp.155-160, 2021 (ESCI)
- XII. **Vitamin B12 Regulates the Expression of Methotrexate-Induced Increased Markers of Autophagy: An Immunohistochemical Study**  
KARABULUT D., KULOĞLU N., KAYMAK E., ÖZTÜRK E., AKİN A. T., SAYAN M., YAKAN B.  
Open Access Journal of Toxicology, vol.4, no.5, pp.139-142, 2021 (Peer-Reviewed Journal)
- XIII. **Histological evaluation of the effects of rapamycin and 3-methyladenine on cisplatin-induced epididymal injury in rats**  
CEYLAN T., KARABULUT D., OZTURK E., AKİN A. T., KAYMAK E., YAKAN B.  
CUKUROVA MEDICAL JOURNAL, vol.46, no.3, pp.1184-1190, 2021 (ESCI)
- XIV. **Investigation of the Therapeutic Effects of Chloroquine in Adriamycin-Induced Hepatotoxicity**  
AKİN A. T., KAYMAK E., OZTURK E., KARABULUT D., KULOĞLU N., CEYLAN T., TOLUK A.  
EUROBIOTECH JOURNAL, vol.5, no.1, pp.17-23, 2021 (ESCI)
- XV. **Comparison of the Acute and Cumulative Dose Administrations in Doxorubicin-induced Hepatotoxicity via Evaluation of the Histopathological Changes and Inflammation in Rats**  
AKİN A. T., KAYMAK E., KARABULUT D., DOĞANYİĞİT Z., CEYLAN T., TOLUK A., ÖZDAMAR S.  
Experimental and Applied Medical Science, vol.1, no.3, pp.73-81, 2020 (Peer-Reviewed Journal)
- XVI. **Aromatase, Estrogen and Male Reproduction: a Review**  
KAYMAK E., YILDIRIM A. B.  
Experimental and Applied Medical Journal, vol.1, no.3, pp.36-40, 2020 (Peer-Reviewed Journal)
- XVII. **Klorokuin endoplazmik retikulum stresini ve enflamasyonu inhibe ederek sıçanlarda adriamisin uyarılı kardiyotoksitesiteyi engeller**  
KAYMAK E., AKİN A. T., ÖZTÜRK E., CEYLAN T., KULOĞLU N., KARABULUT D., YAKAN B.  
Türk Hijyen ve Deneysel Biyoloji Dergisi, vol.77, no.4, pp.459-466, 2020 (Scopus)
- XVIII. **Histological Examination of Rat Heart Tissue with Chronic Diabetes**  
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- XXVII. **GÜMÜŞ NANOPARTİKÜLLERİNİN ÜZÜM ÇEKİRDEĐİ EKSTRAKTİNİN ENDOTOKSİK KALP DOKUSUNDAKİ HİSTOLOJİK DEĐİŞİKLERE VE TNF-α VE BNP EKSPRESYONUNA ETKİSİ**  
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- II. **KRANIUM, FARİNGEAL ARKUSLAR VE TÜREVLERİNİN GELİŞİMİ**  
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- I. **Crocic Suppresses Inflammatory Response in LPS-Induced Acute Lung Injury (ALI) Via Regulation of HMGB1/TLR4 Inflammation Pathway**  
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- II. **METOTREKSAT UYARILI RAT TESTİS HASARINDA TIMOKINON'UN ETKİSİ**  
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- III. **DENEYSEL EPİLEPSİ MODELİNDE 5-HT<sub>2</sub>BR İMMÜNREAKTİVİTESİ**  
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- VII. **Beyin dokusunda lipopolisakkarit kaynaklı sepsise karşı apilarnil'in koruyucu rolü**  
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4. ULUSLARARASI GAP MATEMATİKMÜHENDİSLİK-FEN VE SAĞLIK BİLİMLERİ KONGRESİ, 03 May 2020
- XII. **Sıçanlarda lipopolisakkaritle oluşturulan böbrek hasarına karşı apilarnilin koruyucu etkilerinin otofajik yönden değerlendirilmesi**  
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- XIII. **Investigation of the effect of grape seed, silver nitrate and silver nanoparticle on kidney damage induced by lipopolysaccharide (LPS)**  
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- XXIV. **Karbon Tetraklorür İle Oluşturulan Testis Hasarında Isı Şok Protein Yoğunlukları Üzerine Karnozinin Etkisi**

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- XXV. **Ratlara Akut Ve Kronik Farklı Dozlarda Grayanotoksin-III Verilmesinin Testis Dokusu Üzerine Etkilerinin Belirlenmesi**  
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- XXVIII. **Sıçan Ovaryumundaki iskemi Reperfüzyon Hasarında Yaban Mersininin Koruyucu Etkisi**  
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- XXIX. **Ehrlich solid tümörlerinde netrin 1 ve faktör 8 ekspresyonu üzerine paklitaksel in etkisinin incelenmesi**  
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## Metrics

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## Awards

Kaymak E., Akin A. T., Ceylan T., Sözlü Sunum Birincilik Ödülü / Metotreksat uyarılı rat testis hasarında timokinon'un etkisi, Türk Histoloji Ve Embriyoloji Derneği, June 2022