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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

Fundamental Medical Sciences, Histology and Embryology

Academic Titles / Tasks

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

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

Genel Histoloji, Undergraduate, 2019 - 2020

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. 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, 2021 (Journal Indexed in SCI)

- II. **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, 2021 (Journal Indexed in SCI)
- III. **Nephroprotective effect of apilarnil in lipopolysaccharide-induced sepsis through TLR4/NF-κB signaling pathway.**
İNANDIKLIOĞLU N., DOĞANYİĞİT Z., Okan A., KAYMAK E., SİLİCİ S.
Life sciences, vol.284, pp.119875, 2021 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)
- V. **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, 2021 (Journal Indexed in SCI)
- VI. **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, 2021 (Journal Indexed in SCI)
- VII. **Activation of cannabinoid 2 receptors by JWH-133 protects against ovarian ischemia-reperfusion injury in rats**
ONAT T., DEMİR ÇALTEKİN M., DOĞANYİĞİT Z., TÜRKLER C., KAYMAK E., Kara M., Serdar Yalvac E. S.
BIOTECHNIC & HISTOCHEMISTRY, vol.96, no.5, pp.394-400, 2021 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)
- IX. **The Ameliorative Effects of Caffeic Acid Phenethyl Ester in Cisplatin-Induced Nephrotoxicity: Assessment of the Oxidative Stress and Inflammation**
Ceylan T., KAYMAK E., AKİN A. T. , YAKAN B.
INTERNATIONAL JOURNAL OF MORPHOLOGY, vol.39, no.2, pp.612-618, 2021 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **Immunoreactivity of Muscarinic Acetylcholine M2 and Serotonin 5-HT2B Receptors, Norepinephrine Transporter and Kir Channels in a Model of Epilepsy**
Akyuz E., DOĞANYİĞİT Z., Paudel Y. N. , Koklu B., KAYMAK E., Villa C., Arulsamy A., Shaikh M. F. , Devinsky O.
LIFE-BASEL, vol.11, no.4, 2021 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)

- XV. **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, 2020 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI)
- XX. **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 (Journal Indexed in SCI)
- XXI. **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 (Journal Indexed in SCI)
- XXII. **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 (Journal Indexed in SCI)
- XXIII. **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 (Journal Indexed in SCI)
- XXIV. **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 (Journal Indexed in SCI)
- XXV. **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 (Journal Indexed in SCI)
- XXVI. **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 (Journal Indexed in SCI)
- XXVII. **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 (Journal Indexed in SCI)

- XXVIII. **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 (Journal Indexed in SCI)
- XXIX. **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 (Journal Indexed in SCI)
- XXX. **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 (Journal Indexed in SCI)
- XXXI. **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 (Journal Indexed in SCI)
- XXXII. **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 (Journal Indexed in SCI)
- XXXIII. **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 (Journal Indexed in SCI)
- XXXIV. **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 (Journal Indexed in SCI)

Articles Published in Other Journals

- I. **Could Lycopene Protect Against Ischemia/Reperfusion Injury in the Uterus?**
ONAT T., DOĞANYİĞİT Z., Caltekin M. D. , TÜRKLER C., KAYMAK E., Altindag M. M.
ISTANBUL MEDICAL JOURNAL, vol.22, no.2, pp.155-160, 2021 (Journal Indexed in ESCI)
- II. **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 (Journal Indexed in ESCI)
- III. **Investigation of the Therapeutic Effects of Chloroquine in Adriamycin-Induced Hepatotoxicity**
AKİN A. T. , KAYMAK E., Ozturk E., KARABULUT D., Kuloglu N., Ceylan T., TOLUK A.
EUROBIOTECH JOURNAL, vol.5, no.1, pp.17-23, 2021 (Journal Indexed in ESCI)
- IV. **Histological Examination of Rat Heart Tissue with Chronic Diabetes**
KARABULUT D., AKİN A. T. , KAYMAK E., ÖZTÜRK E., SAYAN M.
Experimental and Applied Medical Science, vol.1, no.1, pp.17-22, 2020 (Refereed Journals of Other Institutions)
- V. **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 (Refereed Journals of Other Institutions)
- VI. **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 (Refereed Journals of Other Institutions)
- VII. **Klorokuin endoplazmik retikulum stresini ve enflamasyonu inhibe ederek sıçanlarda adriamisin uyarılı kardiyotoksitesiyi 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 (Refereed Journals of Other Institutions)
- VIII. **The Effect of Apilarnil on the Autophagia Against Lipolysaccarite-Based Sepsis in Liver**
DOĞANYIĞIT Z., Köklü B., Üner A., OKAN A., KAYMAK E., SİLİCİ S.
New Trend Med Sci, 2020 (Refereed Journals of Other Institutions)
- IX. **Lipopolisakkarit'in neden olduğu bağırsak toksisitesine karşı biyosentetik gümüş nanopartiküllerin etkisi**
ÖZTÜRK KÜP F., Koçak B., AKİN A. T. , Doğanyığıt İ., OKAN A., KAYMAK E., DOĞANYIĞIT Z.
Türk Hijyen ve Deneysel Biyoloji Dergisi, 2020 (Refereed Journals of Other Institutions)
- X. **Investigation of Protective Effects of Apilarnil Against Lipopolysaccharide Induced Lung Injury in Rats**
DOĞANYIĞIT Z., KAYMAK E., OKAN A., PANDIR D., SİLİCİ S.
MELLIFERA, vol.20, no.1, pp.3-15, 2020 (Refereed Journals of Other Institutions)
- XI. **Apilarnil: A Novel Neuroprotective Candidate**
HAMAMCI M., DOĞANYIĞIT Z., SİLİCİ S., OKAN A., KAYMAK E., YILMAZ S., TOKPINAR A., İnan L. E.
Acta Neurologica Taiwanica, vol.29, no.2, pp.33-45, 2020 (Refereed Journals of Other Institutions)
- XII. **Etilen Glikolun Mide Üzerine Etkisi: Histolojik Çalışma**
KARABULUT D., KAYMAK E., YALÇIN B., ÜLGER H., AKİN A. T. , ÖZTÜRK E., YAKAN B.
Bozok Tıp Dergisi, vol.10, no.2, pp.111-116, 2020 (Other Refereed National Journals)
- XIII. **Teriparatidin ilaçlarla ilişkili çene osteonekrozu tedavisindeki etkinliği: hayvan çalışması**
TOPAN C., KILIÇ E., KILIÇ E., ÖZDAMAR S., KAYMAK E.
Selcuk Dental Journal, vol.7, no.2, pp.155-162, 2020 (Other Refereed National Journals)
- XIV. **Protective role of apilarnil and acute toxic effect of LPS on kidney DNA**
DOĞANYIĞIT Z., SİLİCİ S., KAYMAK E., OKAN A., PANDIR D.
Eurasian Journal of Biological and Chemical Sciences, vol.2, pp.111-114, 2019 (Refereed Journals of Other Institutions)
- XV. **LPS'nin böbrek DNA'sı üzerine akut toksik etkisi ve apilarnilin koruyucu rolü**
DOĞANYIĞIT Z., SİLİCİ S., KAYMAK E., OKAN A., PANDIR D.
Eurasian Journal of Biological and Chemical Sciences, vol.2, pp.111-114, 2019 (Refereed Journals of Other Institutions)
- XVI. **GÜMÜŞ NANOPARTİKÜLLERİNİN ÜZÜM ÇEKİRDEĞİ EKSTRAKTININ ENDOTOKSİK KALP DOKUSUNDAKİ HİSTOLOJİK DEĞİŞİKLERE VE TNF-α VE BNP EKSPRESYONUNA ETKİSİ**
DOĞANYIĞIT Z., ÖZTÜRK KÜP F., KAYMAK E., OKAN A., Koçak B., AKİN A. T.
Bozok Tıp Dergisi, vol.9, no.3, pp.87-96, 2019 (Refereed Journals of Other Institutions)
- XVII. **Determination of the Protective Role of Apilarnil Against Testicular Toxicity Due to Lipopolysaccharide (LPS) in Male Rats**
DOĞANYIĞIT Z., SİLİCİ S., KAYMAK E., OKAN A., Akın A. T. , PANDIR D.
Bozok Med J, vol.9, no.2, pp.146-154, 2019 (Refereed Journals of Other Institutions)
- XVIII. **APILARNİLİN ERKEK SIÇANLARDA LİPOLİSAKKARİTE (LPS) BAĞLI TESTİS TOKSİSİTESİNE KARŞI KORUYUCU ROLÜNÜN BELİRLENMESİ**
DOĞANYIĞIT Z., SİLİCİ S., KAYMAK E., OKAN A., AKİN A. T. , PANDIR D.
Bozok Tıp Dergisi, vol.9, no.2, pp.146-154, 2019 (Other Refereed National Journals)
- XIX. **Effects of Paclitaxel on Lipid Peroxidation and Antioxidant Enzymes in Tissues of Mice Bearing Ehrlich Solid Tumor**
NİSARİ M., KAYMAK E., ERTEKİN T., KAAAN D., İNANÇ N., ÖZDAMAR S.
Eurasian Journal of Medical Investigation, vol.3, no.4, pp.315-321, 2019 (Refereed Journals of Other Institutions)

Books & Book Chapters

- I. **THE IMPORTANCE OF AUTOPHAGY IN DIABETIC TESTICULAR INJURY**
KAYMAK E.

in: Academic Studies in Health Sciences - II, Doç. Dr. Özgür SARI, Editor, Gece Kitaplığı / , pp.206-216, 2020

II. The Importance of Ages in Diabetic Kidney Damage

KAYMAK E.

in: Current Physiological Histological Embryological Studies, Sait POLAT, Ceylan AYADA, Editor, Akademisyen Kitabevi A.Ş., pp.47-52, 2020

Refereed Congress / Symposium Publications in Proceedings

I. Effects of Bee Bread on Apoptosis in Hypothalamus in Obese Rats

DOĞANYİĞİT Z., YAKAN B., SOYLU M., KAYMAK E., Silici S.

3rd International Congress of the Turkish-Neuroendocrinology-Society, Malatya, Turkey, 29 June - 01 July 2018, vol.107, pp.30

Citations

Total Citations (WOS):132

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