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Education Information

Doctorate, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Laboratuvar Hayvanları Bilimi (Dr), Turkey 2011 - 2016

Postgraduate, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Laboratuvar Hayvanları Bilimi (YI) (Tezli), Turkey 2005 - 2008

Undergraduate, Ege University, Faculty Of Science, Biyoloji Bölümü, Turkey 1996 - 2001

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, Sağlık Bilimlerinde Araştırma Projeleri Hazırlama Eğitimi , Institution of Health Sciences, Dokuz Eylül University , 2023

Dissertations

Doctorate, Laboratuvar sıçanı yetiştirmede sütanne kullanımının sıçan davranış ve fizyolojik parametreleri üzerine etkileri, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Laboratuvar Hayvanları Bilimi (Dr), 2016

Postgraduate, Farklı laboratuvar ortamlarında yetiştirilen sıçanların yetiştirilme şartlarının fizyolojik parametreler üzerine etkilerinin araştırılması, Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Laboratuvar Hayvanları Bilimi (YI) (Tezli), 2008

Research Areas

Health Sciences, Veterinary Sciences, Life Sciences, Natural Sciences

Academic Titles / Tasks

Expert PhD, Dokuz Eylul University, Onkoloji Enstitüsü, Temel Onkoloji Anabilim Dalı, 2011 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **EFFECTS OF LITTER SIZE AND CAGING ON PHYSICAL AND MENTAL DEVELOPMENT IN RATS.**
Calisir M., Yilmaz O., Kolatan H. E., Sezgin A. K.
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- V. **Radiolabeling, In Vitro Cell Uptake, and In Vivo Photodynamic Therapy Potential of Targeted Mesoporous Silica Nanoparticles Containing Zinc Phthalocyanine**
Er O., Tuncel A., Oçakoğlu K., Ince M., Kolatan H. E., Yılmaz O., Aktaş S., Yurt Onaran F.
MOLECULAR PHARMACEUTICS, vol.17, no.7, pp.2648-2659, 2020 (SCI-Expanded)
- VI. **Antitumor Activity of Flubendazole in a Neuroblastoma Tumor Model**
Cecen E., ALTUN Z. S., Aktas S., Serinan E., KOLATAN H. E., Evin H., Yilmaz O.
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- VII. **In Vivo Prevention Local Effect of Cadmium of Local Recurrence in Xenograft Model of Osteosarcoma**
Demirkiran D., Aktas S., Ercetin P., KOLATAN H. E., Yilmaz O., Havitcioglu H., Olgun N.
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- VIII. **Cochlear and Vestibular Effects of Combined Intratympanic Gentamicin and Dexamethasone**
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- IX. **Protective Effect of Acetyl-L-Carnitine Against Doxorubicin-induced Cardiotoxicity in Wistar Albino Rats**
Dundar H. A., KIRAY M., KIR M., KOLATAN H. E., BAĞRIYANIK H. A., ALTUN Z. S., AKTAŞ S., ELLİDOKUZ H., YILMAZ O., Mutafoğlu K., et al.
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- X. **Protective Effect of Korean Red Ginseng on Cisplatin Ototoxicity: Is It Effective Enough?**
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The journal of international advanced otology, vol.12, no.2, pp.177-183, 2016 (SCI-Expanded)
- XI. **Effect of bevacizumab, a vascular endothelial growth factor inhibitor, on a rat model of peritoneal sclerosis**
Ada S., Ersan S., Sifil A., Unlu M., KOLATAN H. E., Sert M., SARIOĞLU S., YILMAZ O., Camsari T.
INTERNATIONAL UROLOGY AND NEPHROLOGY, vol.47, no.12, pp.2047-2051, 2015 (SCI-Expanded)
- XII. **Is there a gender-related susceptibility for cisplatin ototoxicity?**
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- XIII. **ACETYL L CARNITINE INTERFERES WITH ANTITUMOR EFFECT OF CISPLATIN**
Aktas S., ALTUN Z. S., Pamukoglu A., KOLATAN H. E., Ercetin P., Dursun D., Serinan E., Demir B., Yilmaz O., Olgun N.
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- XIV. **IN VIVO EFFECT OF SANGUINARINE ON NEUROBLASTOMA**
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- XV. **The Protective Effect of Recombinant Human Erythropoietin against Cisplatin-Induced Ototoxicity**
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- XVI. **Effect of Erythropoietin on Acoustically Traumatized Rat Cochlea An Immunohistochemical Study**
Gurgen O., GÜRGEN S. G., KIRKIM G., KOLATAN H. E., GÜRKAN S., GÜVENÇ Y., Eskiizmir G.
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- XVII. **Anti-inflammatory and antioxidant effects of ethyl pyruvate on colitis: In a rat model**
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- XVIII. **Friend or foe? Effect of oral resveratrol on cisplatin ototoxicity.**
OLGUN Y., KIRKIM G., KOLATAN H. E., KIRAY M., BAĞRIYANIK H. A., Olgun A., Kizmazoglu D., ELLİDOKUZ H., Serbetcioglu B., ALTUN Z. S., et al.
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- XIX. **The effects of preoperative immunosuppressive therapy on ischemia and reperfusion (I/R) injury in healthy rats**
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- XX. **ACETYL-L-CARNITINE HAS PROTECTIVE EFFECTS AGAINST EXPERIMENTAL DOXORUBICIN CARDIOTOXICITY**
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- XXI. **Otoprotective effect of recombinant erythropoietin in a model of newborn hypoxic-ischemic encephalopathy**
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- XXII. **Correlation Between Intestinal Colony Numbers and Inflammation Markers (TNF-Alpha, IL-6, High-Sensitive CRP) Following the Use of Sevelamer in Rats with Kidney Failure**
Kursat S., Colak H., YILMAZ O., KOLATAN H. E., ULMAN C., KURUTEPE S., Ozyurt B.
TURKIYE KLINIKLERI TIP BILIMLERI DERGISI, vol.32, no.6, pp.1594-1600, 2012 (SCI-Expanded)
- XXIII. **THE EFFECT OF RESVERATROL ON ARA-C INDUCED CEREBELLAR TOXICITY**
Orel B., Mutafoglu K., CILAKER MIÇILI S., BAĞRIYANIK H. A., KIRAY M., ALTUN Z. S., YILMAZ O., KOLATAN H. E., İNCE D., Olgun N.
PEDIATRIC BLOOD & CANCER, vol.59, no.6, pp.1093, 2012 (SCI-Expanded)
- XXIV. **Pioglitazone Reduces Peritoneal Fibrosis via Inhibition of TGF-beta, MMP-2, and MMP-9 in a Model of Encapsulating Peritoneal Sclerosis**
Saglam F., ÇAVDAR Z., SARIOĞLU S., KOLATAN H. E., OKTAY G., YILMAZ O., Camsari T.
RENAL FAILURE, vol.34, no.1, pp.95-102, 2012 (SCI-Expanded)
- XXV. **Increased expression of VEGF, iNOS, IL-1 beta, and IL-17 in a rabbit model of gastric content-induced middle ear inflammation**

- Basoglu M. S., Eren E., Aslan H., KOLATAN H. E., Ozbay C., Inan S., Karaca F., Ozturkcan S., Katilmis H.
INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY, vol.76, no.1, pp.64-69, 2012 (SCI-Expanded)
- XXVI. **Assesment of Castellani Solution's Ototoxic Effects on Guinea Pigs Using Otoacoustic Emission and Auditory Evoked Brainstem Potentials**
Bayir O., KIRKIM G., MUNGAN DURANKAYA S., GÜRKAN S., KOLATAN H. E., Serbetcioglu M. B.
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- XXVII. **Anti-inflammatory activity of Anthemis aciphylla var. aciphylla Boiss.**
BALTACI S., KOLATAN H. E., YILMAZ O., KIVÇAK B.
TURKISH JOURNAL OF BIOLOGY, vol.35, no.6, pp.757-762, 2011 (SCI-Expanded)
- XXVIII. **Evaluation of the Effect of Acetyl L-Carnitine on Experimental Cisplatin Ototoxicity and Neurotoxicity**
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- XXX. **Effects of repeated administered ghrelin on chronic constriction injury of the sciatic nerve in rats**
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- XXXI. **Effects of atorvastatin on development of peritoneal fibrosis in rats on peritoneal dialysis**
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VETERINARIA ITALIANA, vol.46, no.1, pp.51-56, 2010 (SCI-Expanded)
- XXXIII. **Technetium-99m labeled Mebendazole and Biodistribution in experimentally Trichinella spiralis-infected rats**
İNCEBOZ T., Lambrecht F. Y., Yılmaz O., Kaya G. C., KOLATAN H. E., DURKAN K., BAĞRIYANIK H. A., Uner A.
EUROPEAN JOURNAL OF NUCLEAR MEDICINE AND MOLECULAR IMAGING, vol.36, 2009 (SCI-Expanded)
- XXXIV. **THE EFFECTS OF DARBEPOETIN ON PERITONEAL FIBROSIS INDUCED BY CHEMICAL PERITONITIS AND ON PERITONEAL TISSUE MMP-2 AND TIMP-2 LEVELS IN RATS**
Borazan A., Camsari T., ÇAVDAR Z., SARIOĞLU S., Yılmaz O., Oktay G., Sifil A., Celik A., Cavdar C., AYSAL AĞALAR A., et al.
EUROPEAN JOURNAL OF INFLAMMATION, vol.7, no.2, pp.87-95, 2009 (SCI-Expanded)
- XXXV. **Protective Effects of Topiramate against Hyperoxic Brain Injury in the Developing Brain**
Kurul S. H., Yis U., Kumral A., Tugyan K., Cilaker S., KOLATAN H. E., Yılmaz O., GENÇ Ş.
NEUROPEDIATRICS, vol.40, no.1, pp.22-27, 2009 (SCI-Expanded)
- XXXVI. **Evaluation of the Effect of Acetyl L-Carnitine on Experimental Cisplatin Nephrotoxicity**
TÜFEKÇİ Ö., Gunes D., Ozogul C., KOLATAN H. E., ALTUN Z. S., YILMAZ O., Aktas S., Erbayraktar Z., Kirkim G., Mutafoğlu K., et al.
CHEMOTHERAPY, vol.55, no.6, pp.451-459, 2009 (SCI-Expanded)
- XXXVII. **Ghrelin may attenuate proinflammatory cytokine-mediated neuropathic pain**
Guneli E., Kazikdas K. C., KOLATAN H. E.
MEDICAL HYPOTHESES, vol.69, no.2, pp.356-360, 2007 (SCI-Expanded)

Articles Published in Other Journals

I. SİSPLATİNE BAĞLI OTOTOKSİSİTEDE DARBEPOETİNİN KORUYUCU ROLÜ

Bayrak A. F., Olgun Y., Evin Eskiciođlu H., Kum Özşengezer S., Serinan E. Ö., Kolatan E. H., Çetinayak H. O., Kırkım G., Aktaş S., Yılmaz O., et al.

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II. Effect of Korean Red Ginseng on Noise-Induced Hearing Loss

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TURKISH ARCHIVES OF OTORHINOLARYNGOLOGY, vol.59, no.2, pp.111-117, 2021 (ESCI)

III. Effect of Tacrolimus in Triple Negative Breast Cancer Animal Model

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International Journal of Clinical and Experimental Medicine Research, vol.5, no.3, pp.269-277, 2021 (Peer-Reviewed Journal)

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V. Effect of Tacrolimus on Triple Negative Breast Cancer Animal Model

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- X. **Is there a gender related susceptibility for cisplatin ototoxicity**
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- XI. **DEÜTF deney hayvanları laboratuvarında konvensiyonel olarak yetiştirilen BALB c farelerde mikrobiyolojik izlem**
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- XII. **Friend or Foe Effect of Oral resveratrol on Cisplatin Ototoxicity**
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- XIII. **PROTECTIVE EFFECT OF SILDENAFIL ON EXPERIMENTAL CONTRAST-INDUCED NEPHROPATHY MODEL**
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- XIV. **DeneySEL Hayvan Modelinde Ağır Kafa Travması sonrası İntrakarotis Mannitol İnfüzyonunun Beyin Ödemi Üzerine Etkisi**
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- XVIII. **Tricihinella Spiralis ile enfekte ratlarda Tc 99m Mebendazol işaretleme ve biyodağılımı**
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Supported Projects

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5. Laboratory Animal Science Congress, Invited Speaker, İstanbul, Turkey, 2023

4th East Mediterranean Congress of Laboratory Animal Science, Session Moderator, İstanbul, Turkey, 2021