

HÜSNÜ ALPER BAĞRIYANIK

PROF.

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International Researcher IDs

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Publons / Web Of Science ResearcherID: H-7577-2013

ScopusID: 57218851601

Yoksis Researcher ID: 11224

Learning Knowledge

Doctorate 1998 - 2002	Dokuz Eylul University, Sağlık Bilimleri Enstitüsü, Histoloji Ve Embriyoloji (Dr), Turkey
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Undergraduate 1986 - 1992	Dokuz Eylul University, Tıp Fakültesi, Tıp Pr., Turkey
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Academic Titles / Tasks

Professor 2018 - Continues	Diğer (Kurumlar,hastaneler Vb.), İzmir Biyotıp ve Genom Merkezi
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Professor 2014 - Continues	Dokuz Eylul University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü
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Professor 2015 - 2018	Dokuz Eylul University, İzmir Uluslararası Biyotıp ve Genom Enstitüsü
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Associate Professor 2008 - 2014	Dokuz Eylul University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü
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Assistant Professor 2003 - 2008	Dokuz Eylul University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü
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Research Assistant 1998 - 2002	Dokuz Eylul University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü
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Research Assistant 1996 - 1998	Dokuz Eylul University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü
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Supported Projects

1. DEMİRDÖVER C., LEBE B., BİRLİK A. M., BAĞRIYANIK H. A., Project Supported by Higher Education Institutions, Fibro-proliferatif Skar Dokularında miR-29 ailesi varlığının, miR-29'un kollajen maturasyonuna etkisinin ve ekstrasellüler matriks sentezi ile ilişkili sinyal yollarındaki rolünün incelenmesi, 2016 - Continues
2. BAĞRIYANIK H. A., TUBITAK Project, Deneysel broşiolitis obliterans tedavisinde mezenkimal kök hücrenin yeri, 2012 - Continues
3. Diril M. K., Esmen K., Bağriyanık H. A., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Rahman sendromu için genetik olarak insanlaştırılmış bir fare modelinin geliştirilmesi ve fenotipik karakterizasyonu, 2024 - 2026
4. Tozburun S., Bağriyanık H. A., Güneli M. E., TUBITAK Project, An endoscope Cap Producing Precise Photothermal Coagulation Depth and Allowing Positioning (i.e., navigation), 2022 - 2025
5. Demir Yüksel Ş., Bağriyanık H. A., Çağlıyan E., Bilicen E., Erdal Bağriyanık Ş. E., TUBITAK Project, Maternal Hipotroidi Hastalarının Plasenta Dokusunda Regülatör T Hücreleri ve Eksozomların İncelenmesi, 2023 - 2024
6. Tozburun S., Güneli M. E., Bağriyanık H. A., Research Project of the Presidency of Turkey Health Institutes (TÜSEB), An endoscopic cap for non-thermal mucosal ablation with accurate ablation limits, 2022 - 2024
7. Diril M. K., Esmen K., Yalçın A., Eren Koçak E., Bağriyanık H. A., Sever Bahçekapılı M., Şentürk Ş., TUBITAK Project, Nörogelişimsel Bir Nadir Genetik Hastalık İçin Transgenik Fare Modeli Geliştirilmesi Ve Fenotipik Karakterizasyonu: Atg9B Mutasyonu, 2022 - 2024
8. Tozburun S., Bağriyanık H. A., Güneli M. E., Karaçalı B., Ellidokuz H., Öztürk Y., Kiray M., TUBITAK Project, An endoscope Cap Producing Precise Photothermal Coagulation Depth and Allowing Positioning (i.e., navigation), 2021 - 2024
9. Çoban H. B., Yıldırım C. A., BAĞRIYANIK H. A., GÜVEN S., TUBITAK Project, Maküler Kornea Distrofisi için yeni bir topikal tedavi yönteminin geliştirilmesi, 2019 - 2022
10. Ayar Kayalı H., Tunçok Y., Bağriyanık H. A., Alotaibi H., Güneli M. E., Diril M. K., Öztürk M., Şentürk Ş., TUBITAK Project, Development of a Biosimilar Monoclonal Antibody for the Treatment of Cancer and Osteoporosis, 2016 - 2022
11. Tozburun S., Bağriyanık H. A., Güneli M. E., TUBITAK Project, Development of a New Generation Apparatus Providing Limited Photothermal Ablation, 2018 - 2021
12. Güven S., Bağriyanık H. A., Yıldırım C. A., TUBITAK Project, İndüklenmiş Pluripotent Kök Hücre (iPKH) Kaynaklı Kornea Organoid Modellerinin Geliştirilmesi, 2018 - 2021
13. BAĞRIYANIK H. A., YILMAZ O., MUNGAN DURANKAYA S., ÇAKIR ÇETİN A., Project Supported by Higher Education Institutions, Çapraz bağlı hyalüronik asit'xxin deneysel vestibüler ve koklear toksisite modelinde iç kulak etkilerinin incelenmesi, 2019 - 2020
14. BAĞRIYANIK H. A., Project Supported by Higher Education Institutions, Korelatif Mikroskop ile Veziküler Yapıların Görüntülenmesi, 2018 - 2020
15. BAĞRIYANIK H. A., Project Supported by Higher Education Institutions, FARELERDE PARASETAMOL İLE OLUŞTURULAN TESTİS HASARINDA L-KARNİTİNİN ETKİSİ, 2017 - 2018
16. Erdal Bağriyanık Ş. E., Önder T. T., Arslan N., Bağriyanık H. A., TUBITAK Project, Uyarılmış Pluripotent Kök Hücrelerin UPKH Üretim ve Farklılaştırma Teknolojilerinin Geliştirilmesi ve Deneysel Hücre Tedavilerinde Uygulanması, 2014 - 2018
17. Genç Ş., Önder T. T., Erdal Bağriyanık Ş. E., Arslan N., Bağriyanık H. A., TUBITAK Project, Uyarılmış Pluripotent Kök Hücrelerin(UPKH) Üretim ve Farklılaştırma Teknolojilerinin Geliştirilmesi ve Deneysel Hücre Tedavilerinde Uygulanması, 2013 - 2018
18. ÖZGÖREN A., ÖZGÖREN M., KARTELLİ F., BAĞRIYANIK H. A., TUBITAK Project, Hastalıklar ve Tedavi Yaklaşımları Alanında Dokuz Eylül Üniversitesi `nin Strateji Belgesi, 2016 - 2017
19. BAĞRIYANIK H. A., TUBITAK Project, Hastalıklar Ve Tedavi Yaklaşımları Alanında Dokuz Eylül Üniversitesi `Nin Strateji Belgesi (Hastalıklar Ve Tedavi Yaklaşımları), 2016 - 2017
20. BAĞRIYANIK H. A., Project Supported by Higher Education Institutions, Sıçanlarda Antikanser İlaç Kullanımı Sonucu Oluşacak İnfertilitenin Fucoidan İle Tedavisi, 2014 - 2016
21. Cilaker Mıçlı S., Karaman M., Bağriyanık H. A., Çağlayan Sözmen Ş., TUBITAK Project, Sıçanlarda Oluşturulan Astım

Modelinde Plasenta Kaynaklı Mezenkimal Kök Hücrelerin Akciğer Histolojisine ve Th2 Aracılıklı İnflamasyona Moleküler Düzeydeki Etkileri, 2013 - 2015

22. BAĞRIYANIK H. A., ÇELİK A., MANİSALIGİL Y. A., AKAN P., KIZILDAĞ S., GÜNELİ M. E., Project Supported by Higher Education Institutions, Radyokontrast Madde Enjeksiyonu Sonrası Gelişen Nefropatilerde Apoptoz Ve Rac1 Ekspresyonunun Değerlendirilmesi, 2013 - 2015
23. Manisalıgil Y. A., Akan P., Kızıldağ S., Bağrıyanık H. A., Güneli M. E., Çelik A., Cilaker Mıçlı S., Gümüştakin M., Project Supported by Higher Education Institutions, Radyokontrast Madde Enjeksiyonu Sonrası Gelişen Nefropatilerde Apoptoz Ve Rac1 Ekspresyonunun Değerlendirilmesi, 2012 - 2015
24. BAĞRIYANIK H. A., Project Supported by Higher Education Institutions, Over torsiyon-detorsiyonunda mesenkimal kök hücrenin etkisi, 2013 - 2014
25. BAĞRIYANIK H. A., KIRAY M., KARAMAN M., TÜBİTAK Project, Deneysel Olarak Oluşturulan Bronşiolitis Obliterans Tedavisinde Mezenkimal Kök Hücrenin Yeri, 2012 - 2014
26. Çavdar Z., Erbil G., Özbal S., Bağrıyanık H. A., Tekmen I., Ergür B. U., Project Supported by Higher Education Institutions, Testiküler İskemi Reperfüzyon Hasarında Alfa Lipoik Asidin Koruyucu Etkileri, 2012 - 2012
27. BAĞRIYANIK H. A., Project Supported by Higher Education Institutions, KEMOTERAPİYE MARUZ KALMIŞ DIŞI SIÇANLARDA ROSİGLİTAZONE'UN OVARYUMA ETKİSİ, 2010 - 2011
28. BAĞRIYANIK H. A., Project Supported by Higher Education Institutions, DENEYSEL ÇALIŞMA: TRİFLURALİNİN KARACİĞER VE DUEDENUM ÜZERİNE TOKSİKOLOJİK ETKİSİNİN BİYOKİMYASAL ve HİSTOLOJİK DÜZEYDE İNCELENMESİ, 2009 - 2010
29. BAĞRIYANIK H. A., Project Supported by Higher Education Institutions, Deneysel iskemi reperfüzyon modelinde böbrek dokusuna Eritropoetin in koruyucu etkisinin kronik dönemde araştırılması, 2005 - 2005

Jury Memberships

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, December, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Dokuz Eylül Üniversitesi, December, 2023

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Dokuz Eylül Üniversitesi, December, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, December, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Dokuz Eylül Üniversitesi, December, 2022

Expertise In Medicine, Expertise In Medicine, Aydın Adnan Menderes Üniversitesi, December, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

1. **An endoscopic approach providing near-infrared laser-induced coagulation with accurate depth limits**

Turker-Burhan M., Ellidokuz E. B., Bağrıyanık H. A., Tozburun S.
Journal of Biophotonics, 2024 (SCI-Expanded)

2. **Imaging of Isolated Exosomes by Correlative Microscopy**

Demir Ş., Erdal E., Bağrıyanık H. A.
Journal of Histochemistry and Cytochemistry, 2024 (SCI-Expanded)

3. **Pioglitazone inhibits oxidative stress, MMP-mediated inflammation and vascular dysfunction in high glucose-induced human saphenous vein grafts**
Onursal C., Reel B., Bintepe C., Guzeloglu M., Ersoy N., BAĞRIYANIK H. A.
Journal of Diabetes and its Complications, vol.37, no.4, 2023 (SCI-Expanded)
4. **The Effects of Prenatal and Postnatal Exposure to 50-Hz and 3 mT Electromagnetic Field on Rat Testicular Development**
Ersoy N., Acikgoz B., AKSU İ., KIRAY A., BAĞRIYANIK H. A., KIRAY M.
Medicina (Lithuania), vol.59, no.1, 2023 (SCI-Expanded)
5. **Guide mapping for effective superficial photothermal coagulation of the esophagus using computer simulations with ex vivo sheep model validation study**
Turker Burhan M., Ersoy N., Bagriyanik H. A., Tozburun S.
LASERS IN SURGERY AND MEDICINE, vol.54, no.8, pp.1116-1129, 2022 (SCI-Expanded)
6. **NEBIVOLOL PREVENTS RESTENOSIS BY INHIBITING INFLAMMATION, PROLIFERATION AND PLATELET AGGREGATION IN HIGH GLUCOSE-INDUCED HUMAN SAPHENOUS VEIN GRAFTS**
Bintepe C., Reel B., Engin C., Ersoy N., BAĞRIYANIK H. A.
ATHEROSCLEROSIS, vol.355, 2022 (SCI-Expanded)
7. **ALPHA LIPOIC ACID PRESERVES LONG-TERM PATENCY AND FUNCTIONAL PERFORMANCE OF THE HUMAN SAPHENOUS VEIN GRAFT BY PREVENTING VASOSPASM**
Kalkan T., Reel B., Bintepe C., Yurekli I., Ersoy N., BAĞRIYANIK H. A.
ATHEROSCLEROSIS, vol.355, 2022 (SCI-Expanded)
8. **Gender differences in effects of prenatal and postnatal exposure to electromagnetic field and prenatal zinc on behaviour and synaptic proteins in rats**
Acikgoz B., Ersoy N., AKSU İ., KIRAY A., BAĞRIYANIK H. A., KIRAY M.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.122, 2022 (SCI-Expanded)
9. **Design and in vitro, in vivo evaluation of antioxidant bioadhesive gels for burn treatment.**
Gökçe G., Karavana S. Y., Bağriyanik A., Pekçetin Ç., Algin Yapar E., Aybar Tural G., Gökçe E. H.
Turkish journal of biology = Turk biyoloji dergisi, vol.46, no.3, pp.251-262, 2022 (SCI-Expanded)
10. **Design and in vitro, in vivo evaluation of antioxidant bioadhesive gelsfor burn treatment**
GÖKÇE G., KARAVANA S. Y., BAĞRIYANIK H. A., PEKÇETİN Ç., ALĞIN YAPAR E., AYBAR TURAL G., GÖKÇE E. H.
TURKISH JOURNAL OF BIOLOGY, vol.46, no.3, pp.251-262, 2022 (SCI-Expanded)
11. **Vagus nerve bundle stimulation using 1505-nm laser irradiation in an in-vivo rat model**
Yetis O., GÜNER Ö., AKKAYA İ., Guneli E., Bagriyanik A., Tozburun S.
JOURNAL OF BIOPHOTONICS, vol.15, no.1, 2022 (SCI-Expanded)
12. **NEBIVOLOL REGULATES EXPRESSION OF NETRIN-1 AND SLIT-2, INHIBITS MATRIX METALLOPROTEINASE-2,-9 AND VASCULAR DYSFUNCTION IN HIGH GLUCOSE-TREATED HUMAN SAPHENOUS VEIN GRAFTS**
Bintepe C., Reel B., Engin C., Ersoy N., Bagriyanik A.
ATHEROSCLEROSIS, vol.331, 2021 (SCI-Expanded)
13. **Natural mineral zeolite (clinoptilolite) inhibits alpha v beta 1 integrin-mediated MMP-2 activity in PC3 human prostate cancer cells**
Reel B., Bintepe C., Onursal C., Ersoy N., Bagriyanik A.
FEBS OPEN BIO, vol.11, pp.434, 2021 (SCI-Expanded)
14. **Proteome profiling of neuron-derived exosomes in Alzheimer's disease reveals hemoglobin as a potential biomarker**
Arioz B. I., Tufekci K. U., Olcum M., Durur D. Y., Akarlar B. A., Ozlu N., Bagriyanik H. A., Keskinoglu P., Yener G., Genc Ş.
NEUROSCIENCE LETTERS, vol.755, 2021 (SCI-Expanded)
15. **The effects of prenatal and postnatal exposure to electromagnetic field on rat ovarian tissue**
Burcu A., Nevin E., Ilkay A., Amac K., Alper B. H., Muge K.
TOXICOLOGY AND INDUSTRIAL HEALTH, vol.36, no.12, pp.1010-1018, 2020 (SCI-Expanded)
16. **Comparison of the local effects of different intracameral cefuroxime solutions on rabbit cornea**

- Yılmaz F., Berk A. T., Yılmaz O., Lebe B., Keskinoglu P., Bağrıyanık H. A.
CUTANEOUS AND OCULAR TOXICOLOGY, vol.39, no.4, pp.332-340, 2020 (SCI-Expanded)
17. **Ocular toxicity of intravitreal golimumab in a rabbit model**
Durmaz Engin C., Cilaker Micli S., YILMAZ O., BAĞRIYANIK H. A., Ergur B. U., ÖNEN F., SAATÇI A. O.
Turkish journal of medical sciences, vol.50, no.4, pp.1111-1122, 2020 (SCI-Expanded)
 18. **The Effects of Electromagnetic Field Exposure in Prenatal and Postnatal Periods on Ovarian Tissue in Rats**
Acikgoz B., Ersoy N., AKSU İ., KIRAY A., BAĞRIYANIK H. A., KIRAY M.
ACTA PHYSIOLOGICA, vol.227, pp.119, 2019 (SCI-Expanded)
 19. **The Effect of Electromagnetic Field Exposure in The Prenatal Period on Behavior and Synaptic Proteins and The Role of Zinc Support**
Acikgoz B., Ersoy N., AKSU İ., BAĞRIYANIK H. A., KIRAY A., KIRAY M.
ACTA PHYSIOLOGICA, vol.227, pp.48, 2019 (SCI-Expanded)
 20. **Robust, Long-Term Culture of Endoderm-Derived Hepatic Organoids for Disease Modeling**
Akbari S., Sevinc G. G., Ersoy N., Basak O., Kaplan K., Sevinc K., Ozel E., Sengun B., Enustun E., Ozcimen B., et al.
STEM CELL REPORTS, vol.13, no.4, pp.627-641, 2019 (SCI-Expanded)
 21. **Dexamethasone-loaded chitosan-based genipin-cross-linked hydrogel for prevention of cisplatin induced ototoxicity in Guinea pig model**
Aslier N. G. Y., Altınışık Tağaç A., Mungan Durankaya S., Calisir M., Ersoy N., Kırkım G., Yurdakoc K., Bağrıyanık H. A., Yılmaz O., Sütay S., et al.
INTERNATIONAL JOURNAL OF PEDIATRIC OTORHINOLARYNGOLOGY, vol.122, pp.60-69, 2019 (SCI-Expanded)
 22. **Melatonin Attenuates LPS-Induced Acute Depressive-Like Behaviors and Microglial NLRP3 Inflammasome Activation Through the SIRT1/Nrf2 Pathway**
Arioz B., Tastan B., Tarakcioglu E., Tufekci K. U., Olcum M., Ersoy N., BAĞRIYANIK H. A., Genc K., GENÇ S.
FRONTIERS IN IMMUNOLOGY, vol.10, 2019 (SCI-Expanded)
 23. **Sinomenine ameliorates the airway remodelling, apoptosis of airway epithelial cells, and Th2 immune response in a murine model of chronic asthma.**
Isik S., Karaman M., Micili S., Caglayan-Sozmen S., BAĞRIYANIK H. A., Arikan-Ayyildiz Z., Uzuner N., Karaman O.
Allergologia et immunopathologia, vol.46, no.1, pp.67-75, 2018 (SCI-Expanded)
 24. **Effects of Intraperitoneal Injection of Allogeneic Bone Marrow-derived Mesenchymal Stem Cells on Bronchiolitis Obliterans in Mice Model**
IŞIK S., UZUNER N., KARAMAN M., KARAMAN Ö., KIRAY M., KOZANOĞLU İ., BAĞRIYANIK H. A., ARIKAN-AYYILDIZ Z., YANDIM M. K., BARAN Y.
IRANIAN JOURNAL OF ALLERGY ASTHMA AND IMMUNOLOGY, vol.16, no.3, pp.205-218, 2017 (SCI-Expanded)
 25. **Intraperitoneal mesenchymal stem cell administration ameliorates allergic rhinitis in the murine model**
IŞIK S., KARAMAN M., Adan A., KIRAY M., BAĞRIYANIK H. A., Sozmen S. C., KOZANOĞLU İ., KARAMAN Ö., BARAN Y., UZUNER N.
EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY, vol.274, no.1, pp.197-207, 2017 (SCI-Expanded)
 26. **Beneficial effects of ursodeoxycholic acid via inhibition of airway remodelling, apoptosis of airway epithelial cells, and Th2 immune response in murine model of chronic asthma.**
Isik S., Karaman M., Micili S., Caglayan-Sozmen S., BAĞRIYANIK H. A., ARIKAN-AYYILDIZ Z., UZUNER N., KARAMAN O.
Allergologia et immunopathologia, vol.45, no.4, pp.339-349, 2017 (SCI-Expanded)
 27. **Efficacy of parthenolide on lung histopathology in a murine model of asthma**
Ankan-Ayyildiz Z., Karaman M., ÖZBAL S., Bagriyamk A., Yılmaz O., Karaman O., Uzuner N.
ALLERGOLOGIA ET IMMUNOPATHOLOGIA, vol.45, no.1, pp.63-68, 2017 (SCI-Expanded)
 28. **Effects of Quercetin Treatment on Epithelium-derived Cytokines and Epithelial Cell Apoptosis in Allergic Airway Inflammation Mice Model**
Sozmen S. C., KARAMAN M., CILAKER MIÇILI S., IŞIK S., BAĞRIYANIK H. A., Ayyildiz Z. A., UZUNER N., Anal O., KARAMAN Ö.
IRANIAN JOURNAL OF ALLERGY ASTHMA AND IMMUNOLOGY, vol.15, no.6, pp.487-497, 2016 (SCI-Expanded)

29. **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.
ARCHIVES OF MEDICAL RESEARCH, vol.47, no.7, pp.506-514, 2016 (SCI-Expanded)
30. **Protective Effect of Korean Red Ginseng on Cisplatin Ototoxicity: Is It Effective Enough?**
OLGUN Y., KIRKIM G., ALTUN Z. S., AKTAŞ S., KOLATAN H. E., KIRAY M., BAĞRIYANIK H. A., Olgun A., Kizmazoglu D., ÖZOĞUL C., et al.
The journal of international advanced otology, vol.12, no.2, pp.177-183, 2016 (SCI-Expanded)
31. **Resveratrol ameliorates 2,4-dinitrofluorobenzene-induced atopic dermatitis-like lesions through effects on the epithelium**
Sozmen S. C., KARAMAN M., CİLAKER MIÇILI S., IŞIK S., Ayyıldız Z. A., BAĞRIYANIK H. A., UZUNER N., KARAMAN Ö.
PEERJ, vol.4, 2016 (SCI-Expanded)
32. **The Effect of Autologous Platelet Rich Plasma in the Treatment of Achilles Tendon Ruptures: An Experimental Study on Rabbits**
Sen B., Guler S., ÇEÇEN B., Kumtepe E., BAĞRIYANIK H. A., ÖZKAL S., ÖZCAN M. A., Ozsan H., Sanli N., TATARİ M. H.
BALKAN MEDICAL JOURNAL, vol.33, no.1, pp.94-101, 2016 (SCI-Expanded)
33. **Influence of an organic acid blend and essential oil blend, individually or in combination, on growth performance, carcass parameters, apparent digestibility, intestinal microflora and intestinal morphology of broilers**
Basmacioglu-Malayoglu H., Ozdemir P., BAĞRIYANIK H. A.
BRITISH POULTRY SCIENCE, vol.57, no.2, pp.227-234, 2016 (SCI-Expanded)
34. **Is there a gender-related susceptibility for cisplatin ototoxicity?**
KIRKIM G., OLGUN Y., AKTAŞ S., KIRAY M., KOLATAN H. E., ALTUN Z. S., Ercetin P., BAĞRIYANIK H. A., YILMAZ O., ELLİDOKUZ H.
EUROPEAN ARCHIVES OF OTO-RHINO-LARYNGOLOGY, vol.272, no.10, pp.2755-2763, 2015 (SCI-Expanded)
35. **Biocompatibility of MG-63 cells on collagen, poly-L-lactic acid, hydroxyapatite scaffolds with different parameters**
ÇEÇEN B., Kozaci D., Yuksel M., Erdemli D., BAĞRIYANIK H. A., HAVITÇIOĞLU H.
JOURNAL OF APPLIED BIOMATERIALS & FUNCTIONAL MATERIALS, vol.13, no.1, pp.10-16, 2015 (SCI-Expanded)
36. **The Protective Effect of Recombinant Human Erythropoietin against Cisplatin-Induced Ototoxicity**
DOĞAN E., OLGUN Y., KIRKIM G., KOLATAN H. E., Ercetin P., AKTAŞ S., ALTUN Z. S., ELLİDOKUZ H., KIRAY M., BAĞRIYANIK H. A., et al.
JOURNAL OF INTERNATIONAL ADVANCED OTOLOGY, vol.10, no.3, pp.205-210, 2014 (SCI-Expanded)
37. **Effects of Inhaled L-Arginine Administration in A Murine Model of Acute Asthma**
Arikan-Ayyıldız Z., KARAMAN M., Firinci F., KIRAY M., BAĞRIYANIK H. A., YILMAZ O., UZUNER N., KARAMAN Ö.
IRANIAN JOURNAL OF ALLERGY ASTHMA AND IMMUNOLOGY, vol.13, no.5, pp.317-323, 2014 (SCI-Expanded)
38. **COMET, TUNEL, and TEM analysis of an infertile male with short tail sperm.**
Durmaz A., Miçili S., Vatansever S., GÜNDÜZ C., BAĞRIYANIK H. A., DİKMEN N., TAVMERGEN GÖKER E. N., TAVMERGEN E.
Journal of the Turkish German Gynecological Association, vol.16, no.1, pp.54-7, 2014 (SCI-Expanded)
39. **Beneficial effects of arginase inhibition and inhaled L-arginine administration on airway histology in a murine model of chronic asthma**
Arikan-Ayyıldız Z., Karaman M., Tuncel T., Kiray M., BAĞRIYANIK H. A., Yılmaz O., Uzun N., Karaman O.
ALLERGOLOGIA ET IMMUNOPATHOLOGIA, vol.42, no.4, pp.316-323, 2014 (SCI-Expanded)
40. **The effect of atorvastatin on lung histopathology in a murine model of chronic asthma**
Firinci F., KARAMAN M., CİLAKER MIÇILI S., BAĞRIYANIK H. A., UZUNER N., KARAMAN Ö.
ALLERGOLOGIA ET IMMUNOPATHOLOGIA, vol.42, no.4, pp.355-361, 2014 (SCI-Expanded)
41. **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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62. **Phd Program In Department Of Histology And Embryology In The Dokuz Eylul University Turkey**
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6th ORPHEUS (Organisation For Phd Education In Biomedicine And Health Sciences In The European System) Conference, 27 - 30 April 2011
63. **Omurga cerrahisinde kullanılan hemostatik ajanların nöral dokular üzerindeki etkilerinin karşılaştırılması**
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64. **Tavşan karotis anastomoz modelinde gelişen neointimal hiperplazi üzerine PPAR gama antagonisti rosiglitazonun etkileri**
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67. **The Protective Effects of Carnosine in Alcohol Induced Hepatic Injury in Rats**
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2. Uluslararası Karaciğer Sempozyumu, 20 - 22 May 2009
68. **The Protective Effects of Carnosine in Chronic Alcohol Induced Hepatic Injury in Rats**
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69. **Triclinella Spiralis ile enfekte ratlarda Tc 99m Mebendazol işaretleme ve biyodağılımı**
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21. Ulusal Nükleer Tıp Kongresi, Antalya, Turkey, 2 - 05 May 2009, vol.18, pp.35
70. **Histopathologic changes in two different mouse models of asthma**
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28th Congress of the European-Academy-of-Allergy-and-Clinical-Immunology, Warszawa, Poland, 6 - 10 June 2009, vol.64, pp.310-311
71. **Aktive Protein C nin İntraabdominal Sepsis Modelinde Epitelyal Apoptozis Üzerine Etkisi**
Duran E., Koca U., Ergür B. U., Ateş O., Olguner Ç. G., Bağrıyanık H. A., Karakuş O. Z., Çoker Ş. C.
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72. **Maternal hypothyroidism and its role in the placenta A morphometric and immunohistochemical study**

ÖZOĞUL C., CİLAKER MIÇILI S., BAYKARA B., PEKÇETİN Ç., BAĞRIYANIK H. A., ATMACA S., ÖZER E.

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27th Congress of the European-Academy-of-Allergology-and-Clinical-Immunology, Barcelona, Spain, 7 - 11 June 2008, vol.63, pp.559
74. **Efficacy of nebulized sildenafil on lung histopathology in a murine model of chronic asthma**
Olmez D., Karaman O., Babayigit A., Erbil G., Yılmaz O., BAĞRIYANIK H. A., Cetin E., Uzuner N.
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76. **Antioksidan karnozinin akut alkol kullanımına bağlı oluşan akciğer hasarı üzerine etkisi**
BAYKARA B., CİLAKER MIÇILI S., TEKME N., SÖNMEZ A., BAĞRIYANIK H. A., SÖNMEZ Ü., TUĞYAN K.
18. Ulusal Elektron Mikroskopi Kongresi, Eskişehir, Turkey, 26 - 29 August 2007
77. **Adölesans döneminde yapılan düzenli aerobik egzersizin hipokampal nöron yoğunluğu, apopitoz ve spasyal bellek üzerine etkileri**
UYSAL HARZADIN N., TUĞYAN K., KAYATEKİN B. M., AÇIKGÖZ O., BAĞRIYANIK H. A., GÖNENÇ ARDA S., AKSU İ., topçu a.
4. Ulusal Sinirbilim Kongresi, Mersin, Turkey, 01 March 2005
78. **Tercihli El Kullanımının Radius'un Distal Ucunun Morfometrik Özelliklerine Etkisi**
Edizer M., Akseki N., Bağrıyanık H. A., Korman E., Ellidokuz H.
4. Ulusal Anatomi Kongresi, İstanbul, Turkey, 19 - 21 September 1997, pp.1

Academic and Administrative Experience

2018 - 2018	Head of Department	Dokuz Eylul University
2015 - 2018	Assistant Director of the Institute	Dokuz Eylul University
2015 - 2018	University Executive Board Member	Dokuz Eylul University
2009 - 2012	Head of Department	Dokuz Eylul University

Courses

DÖNEM 1 BLOK 1, Undergraduate, 2018 - 2019

ELEKTRON MİKROSKOBU İÇİN LABORATUVAR TEKNİKLERİ, Postgraduate, 2017 - 2018

Advising Theses

BAĞRIYANIK H. A., İndüklenmiş pluripotent kök hücre kaynaklı kornea organoid modellerinin geliştirilmesi, Doctorate, N.ERSOY(Student), 2020

BAĞRIYANIK H. A., The effect of L-carnitine regarding the testicular damage induced by paracetamol in mice,

Postgraduate, H.KISAOĞLU(Student), 2018

BAĞRIYANIK H. A., Imaging of vesicular structure by correlative microscopy, Postgraduate, Ş.DEMİR(Student), 2018

BAĞRIYANIK H. A., The treatment of anticancer drug induced infertility on rats with fucoidan, Postgraduate, M.TÜTÜNCÜ(Student), 2016

BAĞRIYANIK H. A., Over torsiyon-detorsiyonunda mezenkimal kök hücrenin etkisi, Postgraduate, N.ERSOY(Student), 2014

BAĞRIYANIK H. A., In vivo BİP expression in human endometrial endothelial cells and in vitro modulation of BİP by the inflammatory cytokines TNF-alpha and Interleukin 1 (IL-1) beta, Postgraduate, N.ŞERİFE(Student), 2011

BAĞRIYANIK H. A., The effects of Rosiglitazone on ovaries of female rats exposed to chemotherapy, Postgraduate, H.TOPEL(Student), 2011

BAĞRIYANIK H. A., Histologic and biochemical research of trifluraline effects on rat duodenum and liver, Postgraduate, S.ATMACA(Student), 2010

BAĞRIYANIK H. A., Histopathological changes in rat thoracic aorta and corpus cavernosum in n LDL-induced endothelial dysfunction, Postgraduate, A.ÖZLEM(Student), 2004

Activities in Scientific Journals

Türkiye Klinikleri Tıp Bilimleri Dergisi, Evaluation Committee Member, 2007 - 2011

Memberships / Tasks in Scientific Organizations

Türk Elektron Mikroskopu Derneği, Member, 1998 - Continues, Turkey

Türk Histoloji ve Embriyoloji Derneği, Member, 1998 - Continues, Turkey

Scientific Refereeing

Research Project To Be Started., Girişimsel Olmayan Araştırmalar Etik Kurulu, İzmir Biyotıp ve Genom Merkezi, Turkey, January 2019

Research Project To Be Started., İBG-HADYEK, İzmir Bitotıp ve Genom Merkezi, Turkey, November 2018

ACTA BIOMATERIALIA, National Scientific Refreed Journal, December 2017

Research Project To Be Started., İBG Hayvan Deneyleleri Yerel Etik Kurulu (İBG-HADYEK), Dokuz Eylül University, Turkey, January 2017

Research Project To Be Started., Hayvan Deneyleleri Yerel Etik Kurulu (HADYEK), Dokuz Eylül University, Turkey, May 2014

Scientific Research / Working Group Memberships

İzmir Biyotıp Ve Genom Merkezi- Kök Hücre Ve Organoid Teknolojileri Lab., Diğer (Kurumlar,hastaneler Vb.), Türkiye, <https://www.ibg.edu.tr/research-programs/groups/erdal-lab/>, 2018 - Continues

Mobility Activity

Faculty Training Programme, Guest Researcher, Duke University, United States Of America, 2013 - 2013

Metrics

Publication: 201

Citation (WoS): 1538

Citation (Scopus): 1671

H-Index (WoS): 21

H-Index (Scopus): 23

Research Areas

Health Sciences, Natural Sciences, Engineering and Technology

Non Academic Experience

KALKINMA BAKANLIĐI

Dokuz Eylül Üniversitesi Tıp Fakóltesi Histoloji ve Embriyoloji Anabilim Dalı

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BİLECİK BOZÖYÜK CİHANGAZI SAĐLIK OCAĐI