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Education Information

Doctorate, Marmara University, Institute of Health Sciences, Department of Medical Biology and Genetics, Turkey 2012 - 2018

Postgraduate, Marmara University, Institute of Health Sciences, Department of Medical Biology and Genetics, Turkey 2010 - 2012

Undergraduate, Michigan State University, Natural Sciences, Biochemistry and Molecular Biology, United States Of America 2005 - 2009

Research Areas

Fundamental Medical Sciences, Medical Biology, Biochemistry, Molecular Biology and Genetics

Academic Titles / Tasks

Assistant Professor, Marmara University, School of Medicine, Basic Medical Sciences, 2022 - 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Possible anti-inflammatory, antioxidant, and neuroprotective effects of apigenin in the setting of mild traumatic brain injury: an investigation***
Kuru Bektasoglu P., Demir D., Koyuncuoglu T., YÜKSEL M., PEKER EYÜBOĞLU İ., Karagoz Koroglu A., AKAKIN D., Yildirim A., Celikoglu E., Gurer B.
IMMUNOPHARMACOLOGY AND IMMUNOTOXICOLOGY, vol.45, no.2, pp.185-196, 2023 (SCI-Expanded)
- II. **Presence of fetal DNA in maternal exhaled breath condensate**
TIPLAMAZ S., Eyüboğlu İ., Ünal C., UYSAL SOYER Ö., Beksac M. S., AKKİPRİK M.
PRENATAL DIAGNOSIS, vol.43, no.1, pp.28-35, 2023 (SCI-Expanded)
- III. **Peripheral administration of Neuropeptide-W protects against stress-induced gastric injury in rats**
Arabacı Tamer S., Akbulut S., Peker Eyüboğlu İ., Erdoğan Ö., Çevik Ö., Akkiprik M., Akakin D., Yeğen B.
LIFE SCIENCES, vol.310, 2022 (SCI-Expanded)
- IV. **Neuropeptide W Attenuates Oxidative Multi-Organ Injury in Rats Induced with Intra-Abdominal Sepsis**
Atici A. E., Arabacı Tamer S., Levent H. N., Peker Eyüboğlu İ., Ercan F., Akkiprik M., Yeğen B.
INFLAMMATION, vol.45, no.1, pp.279-296, 2022 (SCI-Expanded)

- V. **Neuroprotective Effect of Plasminogen Activator Inhibitor-1 Antagonist in the Rat Model of Mild Traumatic Brain Injury**
Kuru Bektasoglu P., Koyuncuoglu T., Akbulut S., AKAKIN D., Eyuboglu İ., ERZİK C., YÜKSEL M., KURTEL H.
INFLAMMATION, vol.44, no.6, pp.2499-2517, 2021 (SCI-Expanded)
- VI. **Neuroprotective Effect of Cinnamaldehyde on Secondary Brain Injury After Traumatic Brain Injury in a Rat Model**
Bektasoglu P. K., Koyuncuoglu T., Demir D., Sucu G., AKAKIN D., Eyuboglu İ., YÜKSEL M., Celikoglu E., YEGEN B., Gurer B.
WORLD NEUROSURGERY, vol.153, 2021 (SCI-Expanded)
- VII. **Serum high-sensitivity C-reactive protein, tumor necrosis factor-alpha, interleukin (IL)-1 beta, IL-17A and IL-23 levels in patients with hidradenitis suppurativa**
Ozturk G. S., Ergun T., Eyuboglu İ., Akkiprik M.
CYTOKINE, vol.144, 2021 (SCI-Expanded)
- VIII. **The impact of antipsoriatic treatment on serum pro-BDNF, BDNF levels, depression, anxiety scores, and quality of life**
Aksoy H., Ergun T., Akkiprik M., Peker Eyuboglu İ., Seckin Gencosmanoglu D., Cöbek Ünalın G. P., Yöney H.
DERMATOLOGIC THERAPY, vol.34, no.2, 2021 (SCI-Expanded)
- IX. **Nesfatin-1 ameliorates oxidative bowel injury in rats with necrotizing enterocolitis: The role of the microbiota composition and claudin-3 expression**
Karadeniz C., Koyuncuoğlu T., Yağmur D., Peker E., Şırvancı S., Akkiprik M., Aksu B., Dağlı E., Yeğen B.
JOURNAL OF PEDIATRIC SURGERY, vol.55, no.12, pp.2797-2810, 2020 (SCI-Expanded)
- X. **PIK3CA and TP53 MUTATIONS and SALL4, PTEN and PIK3R1 GENE EXPRESSION LEVELS in BREAST CANCER**
DİRİCAN E., ERBARUT SEVEN İ., KAYA H., UĞURLU M. Ü., PEKER EYÜBOĞLU İ., GÜLLÜOĞLU M. B., ÖZER S. A., AKKİPRİK M.
TURKISH JOURNAL OF BIOCHEMISTRY, vol.45, pp.515-523, 2020 (SCI-Expanded)
- XI. **Response Assessment With Molecular Characterization of Circulating Tumor Cells and Plasma MicroRNA Profiling in Patients With Locally Advanced Breast Cancer During Neoadjuvant Chemotherapy**
Akkiprik M., Koca S., Uğurlu M. Ü., Ekren R., Peker Eyüboğlu İ., Alan Ö., Erzik C., Güllü Amuran G., Telli T. A., Güllüoğlu M. B., et al.
CLINICAL BREAST CANCER, vol.20, no.4, pp.332-346, 2020 (SCI-Expanded)
- XII. **Urinary micro-RNA expressions and protein concentrations may differentiate bladder cancer patients from healthy controls**
Güllü A., Tinay I., Filinte D., Ilgin C., Peker E., Akkiprik M.
INTERNATIONAL UROLOGY AND NEPHROLOGY, vol.52, no.3, pp.461-468, 2020 (SCI-Expanded)
- XIII. **Analyses of Copy Number Variations in Myxopapillary Ependymomas of Cauda Equina**
Ozen A., BAYRAKLI F., SÖNMEZ Ö., Peker Eyuboglu İ., ERDOĞAN O., ERZİK C., YAKICIER M. C., Uyar Bozkurp S.
TURKISH NEUROSURGERY, vol.30, no.3, pp.428-433, 2020 (SCI-Expanded)
- XIV. **Next-Generation Sequencing Identifies BRCA1 and/or BRCA2 Mutations in Women at High Hereditary Risk for Breast Cancer with Shorter Telomere Length**
Peker E., Yenmiş G., Bingöl E., Yüksel Ş., Tokat F., Özbek P., Güllü A., Yakicier C., Akkiprik M.
OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY, vol.24, no.1, pp.5-15, 2020 (SCI-Expanded)
- XV. **Melatonin supports alendronate in preserving bone matrix and prevents gastric inflammation in ovariectomized rats**
Gurler E. B., Cilingir-Kaya O. T., Eyuboglu İ., ERCAN F., AKKİPRİK M., Reiter R. J., YEGEN B.
CELL BIOCHEMISTRY AND FUNCTION, vol.37, no.2, pp.102-112, 2019 (SCI-Expanded)
- XVI. **Comparison of telomere length and insulin-like growth factor-binding protein 7 promoter methylation between breast cancer tissues and adjacent normal tissues in Turkish women**
Kaya Z., AKKİPRİK M., Karabulut S., Peker İ., GÜLLÜ AMURAN G., Ozmen T., Gulluoglu B. M., KAYA H., Ozer A.
JOURNAL OF CLINICAL LABORATORY ANALYSIS, vol.31, no.5, 2017 (SCI-Expanded)

- XVII. **Enhanced mRNA expression of plasminogen activator inhibitor-1 in livedoid vasculopathy lesions**
Agirbasli M., Goktay F., Peker İ., Gunes P., Aker F. V., AKKİPRİK M.
CARDIOVASCULAR THERAPEUTICS, vol.35, no.3, 2017 (SCI-Expanded)
- XVIII. **Identification of Differentially Expressed IGFBP5-Related Genes in Breast Cancer Tumor Tissues Using cDNA Microarray Experiments**
Akkiprik M., Peker İ., Ozmen T., Güllü Amuran G., Gulluoglu B. M., Kaya H., Ozer A.
GENES, vol.6, no.4, pp.1201-1214, 2015 (SCI-Expanded)
- XIX. **Clinical significance of miR-140-5p and miR-193b expression in patients with breast cancer and relationship to IGFBP5**
Gullu G., Peker İ., Haholu A., EREN F., Kucukodaci Z., Gulec B., Baloglu H., ERZİK C., Ozer A., AKKİPRİK M.
GENETICS AND MOLECULAR BIOLOGY, vol.38, no.1, pp.21-29, 2015 (SCI-Expanded)
- XX. **Detection of PIK3CA Gene Mutations with HRM Analysis and Association with IGFBP-5 Expression Levels in Breast Cancer**
Dirican E., Kaya Z., Gullu G., Peker İ., Ozmen T., Gulluoglu B. M., Kaya H., Ozer A., Akkiprik M.
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.15, no.21, pp.9327-9333, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **Methodological Study on the Evaluation of the Performance of Archived RNA Samples in Terms of Gene Expression Analyze**
GÜLLÜ AMURAN G., POLAT B., PEKER EYÜBOĞLU İ., ÖZMEN T., KAYA H., AKKİPRİK M.
Türkiye Klinikleri Tıp Bilimleri Dergisi, vol.43, no.1, 2023 (Scopus)
- II. **Expression of NF-κB Regulators (BCL-3, NFKB1, NFKB2) in Metastatic Breast Cancer Patients**
FEJZULLAHU A., AKIN TELLİ T., PEKER EYÜBOĞLU İ., YUMUK P. F., GÜNEY A. İ.
Cancer Science & Research, vol.4, no.2, pp.1-9, 2021 (Peer-Reviewed Journal)
- III. **New Insights in Bladder Cancer Diagnosis: Urinary miRNAs and Proteins.**
Güllü Amuran G., Peker Eyüboğlu İ., Tinay İ., Akkiprik M.
Medical sciences (Basel, Switzerland), vol.6, no.4, 2018 (Peer-Reviewed Journal)
- IV. **Correlation between the DNA methylation and gene expression of IGFBP5 in breast cancer.**
KARABULUT S., KAYA Z., GÜLLÜ AMURAN G., Peker İ., ÖZMEN T., GÜLLÜOĞLU M. B., KAYA H., ERZİK C., ÖZER S. A., AKKİPRİK M.
BREAST DISEASE, vol.36, no.4, pp.123, 2016 (Scopus)

Books & Book Chapters

- I. **Protein Sentezi ve Modifikasyonları**
GÜLLÜ AMURAN G., ÖZER S. A., PEKER EYÜBOĞLU İ.
in: İnsan Moleküler Biyolojisi, Sunguroğlu, Asuma ; Erdem Yurter, Hayat ; Ataç , Belgin ; Aydos, O. Sena, Editor,
Hipokrat Yayıncılık, Ankara, pp.85-115, 2023

Refereed Congress / Symposium Publications in Proceedings

- I. **Adenosine-receptor antagonists improve intestinal motility and oxidative injury due to post-operative ileus in rats: Role of vagus nerve**
ŞEN L. S., KAHRAMAN M. M., Sezen Mermer K., Toraman A. E., Tiftikci E., Harlak M., Recai M. S., Akkurt Z. N., ERZİK C., PEKER EYÜBOĞLU İ., et al.
Physiology in focus 2023, Estonia, 14 September 2023
- II. **Phoenixin-14 alleviates remote organ injury in bile duct ligation induced cholestatic liver injury and**

acute pancreatitis in rats

ŞEN L. S., KAHRAMAN M. M., Sezen Mermer K., koroğlu k., ERCAN F., ERZİK C., PEKER EYÜBOĞLU İ., YÜKSEL M., İMERYÜZ N., YEGEN B.

Physiology in focus 2023, Estonia, 14 September 2023

- III. **Apigenin'in hafif travmatik beyin hasarı modelinde olası antienflamatuar, antioksidan ve nöroprotektif etkisinin incelenmesi**
KURU BEKTAŞOĞLU P., DEMİR D., KOYUNCUOĞLU T., YÜKSEL M., KARAGÖZ KÖROĞLU A., AKAKIN D., PEKER EYÜBOĞLU İ., YILDIRIM A., ÇELİKOĞLU E., GÜRER B.
19. Ulusal Sinirbilim Kongresi, Turkey, 21 - 22 November 2021
- IV. **CDH2 and TP53 gene expression in metastatic breast cancer patients**
FEJZULLAHU A., AKIN TELLİ T., PEKER EYÜBOĞLU İ., YUMUK P. F., GÜNEY A. İ.
International Eurasian Conference on BioTechnology and BioChemistry (BioTechBioChem 2020), Ankara, Turkey, 16 - 18 December 2020
- V. **Neuropeptide-W Protects Against Stress-Induced Gastric Ulcer in Rats via the Involvement of Capsaicin-Sensitive Vagal Afferent Fibers**
ARABACI TAMER S., AKBULUT S., AKAKIN D., PEKER EYÜBOĞLU İ., AKKİPRİK M., YEGEN B.
4th International Congress of Turkish Neuroendocrinology Society, Turkey, 26 - 28 November 2020
- VI. **Bcl-3 gene expression in metastatic breast cancer patients**
FEJZULLAHU A., AKIN TELLİ T., PEKER EYÜBOĞLU İ., YUMUK P. F., GÜNEY A. İ.
world cancer 2020, Belek, Turkey, 25 - 26 November 2020
- VII. **NEUROPEPTIDE W ALLEVIATES HEPATORENAL OXIDATIVE DAMAGE IN SEPSIS-INDUCED RATS**
ATICI A. E., ARABACI TAMER S., levent h. n., PEKER EYÜBOĞLU İ., ERCAN F., AKKİPRİK M., YEGEN B.
Gastroenterology, United States Of America, 1 - 02 May 2020
- VIII. **DENEYSEL SEPSİS MODELİNDE AKUT KARDİYOPULMONER VE SEREBRAL HASARDA NÖROPEPTİT W'NİN ETKİSİ**
ATICI A. E., ARABACI TAMER S., levent h. n., PEKER EYÜBOĞLU İ., ERCAN F., AKKİPRİK M., YEGEN B.
10.Cerrahi araştırma kongresi, 13 December 2019
- IX. **Ailesel Meme Kanseri Hastalarında BRCA1 ve BRCA2 Genlerinin Yeni Nesil Dizileme Yöntemi ile Dizilenmesi ve Telomer Uzunluğuyla İlişkisi**
PEKER EYÜBOĞLU İ., YENMİŞ G., BİNGÖL E. N., YÜKSEL KILIÇTURGAY Ş., TOKAT F., ÖZBEK SARICA P., GÜLLÜ AMURAN G., YAKICIER M. C., AKKİPRİK M.
Tıbbi Biyoloji ve Genetik kongresi, Turkey, 27 - 30 October 2019
- X. **Mesane kanseri tanısında kullanılmak üzere üriner protein ve ekzozomal mikro RNA belirteci saptanması**
GÜLLÜ AMURAN G., TİNAY İ., ILGIN C., FİLİNTE D., PEKER EYÜBOĞLU İ.
Tıbbi Biyoloji ve Genetik kongresi, Turkey, 27 - 30 October 2019
- XI. **Alpha-7 Nicotinic Receptor Agonist GTS-21 Ameliorates Contrast-Induced Nephropathy in Rats**
AKÇAY S., ÖZDEMİR KUMRAL Z. N., çilingir kaya ö. T., PEKER EYÜBOĞLU İ., AKKİPRİK M., YEGEN B.
JASN, 5 - 10 November 2019
- XII. **Urine exosomal miR-139-5p, -136-3p and -19b1-5p expressions and urinary Ape1/Ref1, BLCA4, Crk concentrations may differentiate bladder cancer patients from healthy controls**
GÜLLÜ AMURAN G., TİNAY İ., PEKER EYÜBOĞLU İ., AKKİPRİK M.
IBCN, Denmark, 3 - 05 October 2019
- XIII. **Ready-to-use regenerative medicinal product: Universal human platelet rich plasma**
eyüboğlu ünüvar f., vural r., PEKER EYÜBOĞLU İ., pelit n. b., OVALI E.
termis eu 2019, Greece, 27 - 29 May 2019
- XIV. **Sistemik Antipsoriatik Tedavinin Depresyonun Subjektif ve Biyokimyasal Göstergelerine Etkisi.**
AKSOY H., ERGUN S. A. T., AKKİPRİK M., PEKER EYÜBOĞLU İ., SEÇKİN GENÇOSMANOĞLU D., CÖBEK ÜNALAN G. P., YÖNEY T. H.
dermatoloji bahar sempozyumu, 10 - 13 April 2019
- XV. **Neoadjuvan kemoterapi alan lokal ileri evre meme kanseri hastalarında dolaşımdaki tümör hücresi**

moleküler analizleri

AKKİPRİK M., YUMUK P. F., UĞURLU M. Ü., KOCA S., ERZİK C., ALAN Ö., PEKER EYÜBOĞLU İ., GÜLLÜ AMURAN G., ÖZER S. A.

Tıbbi Biyoloji ve Genetik kongresi, 26 - 29 October 2017

- XVI. **Role of Vagal Afferents on High Fat Diet-induced Alterations in Rat Behaviour and Gut Motility**
ÇETİN O., KARATAŞ H. Ö., Akgün B., öztürk y., İMERYÜZ N., ÖZDEMİR KUMRAL Z. N., ÖZBEYLİ D., ARABACI TAMER S., PEKER EYÜBOĞLU İ., ERZİK C., et al.
43. Ulusal Fizyoloji Kongresi, 01 September 2017
- XVII. **Investigation of Biphosphonate and Melatonin Combine Treatment on Bone Formation/Resorption Rate and Morphology in a Rat Model of Osteoporosis**
GÜRLER E. B., PEKER EYÜBOĞLU İ., çilingir kaya ö. T., AKKİPRİK M., ERCAN F., YEGEN B.
42. Ulusal Fizyoloji Kongresi, 01 September 2016
- XVIII. **Meme Kanserinde IGFBP5 yüksek ekspresyonu ile ilişkili gen ekspresyon profili**
AKKİPRİK M., PEKER EYÜBOĞLU İ., ÖZMEN T., GÜLLÜ AMURAN G., GÜLLÜOĞLU M. B., KAYA H., ÖZER S. A.
Tıbbi Biyoloji ve Genetik kongresi, Turkey, 27 - 30 October 2015
- XIX. **Association of telomere length variation and IGFBP7 promoter methylation with breast cancer**
KAYA Z., AKKİPRİK M., KARABULUT UZUNÇAKMAK S., PEKER EYÜBOĞLU İ., GÜLLÜ AMURAN G., ÖZMEN T., ÖZER S. A.
anticancer agents congress, Turkey, 18 - 19 May 2015
- XX. **Meme kanserinde PIK3CA gen mutasyonlarının hrm yöntemiyle belirlenmesi ve IGFBP-5 ekspresyonu düzeyi ile ilişkisi**
DİRİCAN E., KAYA Z., GÜLLÜ AMURAN G., PEKER EYÜBOĞLU İ., ÖZMEN T., GÜLLÜOĞLU M. B., KAYA H., ÖZER S. A., AKKİPRİK M.
anticancer agents congress, Turkey, 23 April 2014
- XXI. **Meme kanserinde insülin benzeri büyüme faktörü bağlayan protein-5 geni promotör ve ekzon-1 metilasyonun gene ekspresyonu üzerine etkisi**
KARABULUT UZUNÇAKMAK S., KAYA Z., GÜLLÜ AMURAN G., PEKER EYÜBOĞLU İ., ÖZMEN T., ERZİK C., ÖZER S. A., AKKİPRİK M.
Tıbbi Biyoloji ve Genetik kongresi, Turkey, 27 - 30 October 2013
- XXII. **Association of IGFBP-5 exon-I methylation and gene expression in breast cancer**
KARABULUT UZUNÇAKMAK S., KAYA Z., GÜLLÜ AMURAN G., PEKER EYÜBOĞLU İ., ÖZMEN T., ERZİK C., ÖZER S. A., AKKİPRİK M.
ESHG, France, 8 - 10 June 2013
- XXIII. **mir-140 is a Candidate Regulator of IGFBP5 Expression in Breast Cancer**
GÜLLÜ AMURAN G., PEKER EYÜBOĞLU İ., HAHOLU A., ERZİK C., KÜÇÜKODACI Z., Baloglu H., ÖZER S. A., AKKİPRİK M.
ESHG, France, 8 - 10 June 2013
- XXIV. **Association of IGFBP5 and ERalpha with mir193b expression levels in breast cancer**
PEKER EYÜBOĞLU İ., GÜLLÜ AMURAN G., HAHOLU A., ERZİK C., KÜÇÜKODACI Z., Baloglu H., ÖZER S. A., AKKİPRİK M.
ESHG, France, 8 - 11 June 2013
- XXV. **Meme Kanserinde miR-140 ve IGFBP-5 Ekspresyon Düzeyleri Arasındaki İlişkinin Araştırılması**
GÜLLÜ AMURAN G., PEKER EYÜBOĞLU İ., HAHOLU A., EREN F., KÜÇÜKODACI Z., ERZİK C., Baloglu H., ÖZER S. A., AKKİPRİK M.
IV. Multidisipliner Kanser Araştırma Kongresi, Turkey, 13 - 16 December 2012
- XXVI. **miR-193b EKSPRESYON DÜZEYİ ile ERalfa ve IGFBP5 İLİŞKİSİNİN MEME KANSERİNDEKİ ROLÜ**
PEKER EYÜBOĞLU İ., GÜLLÜ AMURAN G., HAHOLU A., ERZİK C., KÜÇÜKODACI Z., EREN F., Baloglu H., ÖZER S. A., AKKİPRİK M.
IV. Multidisipliner Kanser Araştırma Kongresi, Turkey, 12 - 14 December 2012

Supported Projects

Akkiprik M., TUBITAK Project, Meme Kanserinde IGFBP 5 ile etkileşen proteinlerin tanımlanması, 2011 - 2013

Patent

Tiplamaz S., Akkiprik M., Peker Eyüboğlu I., Ünal C., Uysal Soyer Ö., Beksaç M. S., Detection of Fetal DNA in Maternal Breath, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2022/010620 , Standard Registration, 2022

Metrics

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H-Index (Scopus): 8