



Prof. BERRAK YEGEN

Personal Information

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Biography

Berrak Çağlayan Yeğen has graduated in 1977 from İzmir American Collegiate Institute and in 1983 from Ege University Medical Faculty in İzmir, and after her obligatory service in Eskişehir, she has started training in Physiology at Marmara University Medical Faculty, and since 1999 she is working as the Professor of Physiology at the same department. Her major interests in research are gastrointestinal motility, neural and hormonal mechanisms controlling gastric emptying and gastric acid secretion and the pathophysiology of inflammatory processes. She has received Eczacıbaşıbaşı Scientific Research Award, Ibrahim Ethem Ulagay Toxicology Award, Istanbul Medical Doctors' Chamber Medical Science Award and Sedat Simavi Health Sciences Award. She is the member of Association for Evaluation and Accreditation of Medical Education Programs. She is the member of The Science Academy.

Education Information

1986 - 1988	Expertise In Medicine, Marmara University, School Of Medicine, Basic Medical Sciences, Turkey
1977 - 1983	Undergraduate, Ege University, Faculty Of Medicine, Tıp Pr., Turkey

Academic Titles / Tasks

1999 - Continues	Professor, Marmara University, School of Medicine, Basic Medical Sciences
1992 - 1999	Associate Professor, Marmara University, School of Medicine, Basic Medical Sciences
1989 - 1992	Assistant Professor, Marmara University, School of Medicine, Basic Medical Sciences
1986 - 1988	Research Assistant, Marmara University, School of Medicine, Basic Medical Sciences

Academic and Administrative Experience

1992 - 2019	Head of Department, Marmara University, School of Medicine, Basic Medical Sciences
1996 - 2012	Head of Ethics Committee, Marmara University, School of Medicine, Basic Medical Sciences
1991 - 2012	Director of the Center, Marmara University, School of Medicine, Basic Medical Sciences
2004 - 2007	Vice Dean, Marmara University, School of Medicine, Basic Medical Sciences

Advising Theses

2023	Yegen B., Yıldırım A., Expertise In Medicine, M.SEVİM(Student), Kanda dolaşan serbest nötrofil miktarlarının kan ldl seviyesi üzerine etkisi
2023	Yegen B., Doctorate, L.SEMİHA(Student), Cinsiyetin, hormonal durumun ve östrojen reseptörlerinin sıçanlarda stres ile oluşturulan mide ülserindeki etkilerinin araştırılması
2023	Yegen B., Doctorate, N.İMERYÜZ(Student), Phoenixin-14'ün sıçanlarda pankreatikobilier kanal ligasyonu ve safra kanalı ligasyonu ile oluşturulan pankreatikobilier inflamasyon modelinde olası koruyucu etkinliğinin araştırılması
2021	Yegen B., Doctorate, S.ARABACI(Student), Nöropeptit W (NPW)'nin sıçanlarda mide fonksiyonları üzerine etkilerinin araştırılması
2020	Yegen B., Doctorate, T.KOYUNCUOĞLU(Student), Serebral palsy oluşturulan yenidoğan sıçanlarda nöropeptit w tedavisinin olası nöroprotektif etkilerinin araştırılması
2016	Yegen B., Doctorate, E.BİHTER(Student), Sıçan osteoporoz modelinde bifosfonat ve melatonin ikili tedavisinin kemik yapım/yıkım hızı ve morfolojisi üzerine etkinliğinin araştırılması
2013	Yegen B., Postgraduate, E.CANER(Student), Östrojen reseptör agonistlerinin ve oksitosinin dışı sıçanlarda koroner arter ligasyonu ile oluşan miyokard hasarına etkisi: egzersiz ve over hormonlarının rolü
2012	Yegen B., Doctorate, Ö.Sarıkaya(Student), Tıpta uzmanlık öğrencilerinin duygusal zeka yönelimleri ile profesyonel yeterlikleri arasındaki ilişkinin değerlendirilmesi
2010	Yegen B., Postgraduate, G.MEMİ(Student), Orta derecede egzersizin kronik stres yanıtına etkisine bu etkide over hormonlarının rolü
2010	Yegen B., Postgraduate, Z.NİGÂR(Student), Anjiyotensin ı-bağımlı renovasküler hipertansiyon modelinde egzersizin iyileştirici etkisinin araştırılması
2005	Yeğen B., Expertise In Medicine, B.Çakır(Student), Sıçanlarda orta dereceli yüzme egzersizinin akut ve kronik stres yanıtına etkisi
2001	Yegen B., Expertise In Medicine, M.ALİ(Student), Stresle indüklenen deneysel kolit patogeneğinde kortikotropin serbestleştirici faktör, serotonin ve kolesistokininin nöropeptidlerinin rolleri
2001	Yegen B., Doctorate, A.BOZKURT(Student), İleal fren mekanizmasında endojen GLP-1'in rolü ve otonom sinir sistemi ile CCK-A reseptörlerinin bu mekanizmaya katılımı
1997	Yeğen B., Doctorate, T.Coşkun(Student), Santral somatostatin analoglarının gastrik asit sekresyonu üzerindeki etkisine aracılık eden santral ve periferik yollar
1997	YEGEN B., Postgraduate, A.Bozkurt(Student), Uyanık sıçanda incebarsak motilitesinin elektromiyografik ölçümü.
1994	Yegen B., Postgraduate, C.AYKUT(Student), Sıçan önbeyin iskemi ve reperfüzyon modelinde lipid peroksidasyon, glutatyon ve protein oksidasyonu düzeyleri: insülinin etkisi
1993	Yegen B., Doctorate, U.ÖZKUTLU(Student), Kan basıncını etkileyen santral kolinerjik merkezlerin olası bölgeleri
1993	Yegen B., Doctorate, İ.ALİCAN(Student), Sıçanda stres ülserlerinin oluşumu ve iyileşmesinde gastrik lipid peroksidasyon ve kalsiyumun rolünün araştırılması

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Synbiotic supplementation ameliorates anxiety and myocardial ischaemia–reperfusion injury in hyperglycaemic rats by modulating gut microbiota**
Bulut E. C., EROL KUTUCU D., ÜSTÜNOVA S., Ağırbaşı M., Dedeakayoğulları H., TARHAN Ç., KAPUCU A., YEGEN B., Demirci Tansel C., GÜREL GÜREVİN E.
Experimental Physiology, vol.109, no.11, pp.1882-1895, 2024 (SCI-Expanded)
- II. **Intracerebroventricular administration of the exercise hormone irisin or acute strenuous exercise**

alleviates epileptic seizure-induced neuroinflammation and improves memory dysfunction in rats.

ÖZDEMİR KUMRAL Z. N., Akgün T., Haşim C., Ulusoy E., Kalpakçioğlu M. K., Yüksel M. F., Okumuş T., US Z., AKAKIN D., YÜKSEL M., et al.

BMC neuroscience, vol.25, no.1, pp.36, 2024 (SCI-Expanded)

- III. **Neuropeptide W protects against ovarian oxidative injury and reinforces ovarian steroidogenic activity via the upregulation of ER α expression.**
Arabacı Tamer S., Şen L. S., Güneş K., Yüksel M., Çetinel Ş., Yeğen B.
The Journal of pharmacy and pharmacology, vol.76, pp.606-615, 2024 (SCI-Expanded)
- IV. **Neuropeptide W facilitates chronic gastric ulcer healing by the regulation of cyclooxygenase and NF- κ B signaling pathways.**
Arabacı Tamer S., Mermer K. S., Erdoğan Ö., Çevik Ö., Ercan F., Bağcı C., Yeğen B.
Inflammopharmacology, vol.32, no.2, pp.1519-1529, 2024 (SCI-Expanded)
- V. **Activation of the Alpha 7 Nicotinic Acetylcholine Receptor by GTS-21 Mitigates Contrast Nephropathy in a Rat Model.**
Akcaş S., Ozdemir Kumral Z. N., Cilingir-Kaya O. T., Peker Eyüboğlu I., Akkiprik M., Yegen B., Koc M.
Kidney & blood pressure research, vol.49, no.1, pp.646-656, 2024 (SCI-Expanded)
- VI. **Neuropeptide W Exhibits Preventive and Therapeutic Effects on Acetic Acid-Induced Colitis via Modulation of the Cyclooxygenase Enzyme System**
ARABACI TAMER S., Akbulut S., Erdogan O., Cevik O., ERCAN F., YEGEN B.
DIGESTIVE DISEASES AND SCIENCES, vol.68, no.6, pp.2441-2453, 2023 (SCI-Expanded)
- VII. **Antioxidant and neuroprotective effects of dexpanthenol in rats induced with traumatic brain injury**
Kuru Bektaşoğlu P., Koyuncuoğlu T., Özyayın D., Kandemir C., Akakin D., Yüksel M., Gürer B., Çelikoğlu E., Yeğen B.
INJURY-INTERNATIONAL JOURNAL OF THE CARE OF THE INJURED, vol.54, no.4, pp.1065-1070, 2023 (SCI-Expanded)
- VIII. **Peripheral administration of neuropeptide W inhibits gastric emptying in rats: the role of small diameter afferent fibers and cholecystokinin receptors.**
Tamer S. A., Yeğen B.
Neuroscience letters, vol.800, 2023 (SCI-Expanded)
- IX. **Stimulation of Estrogen Receptors Attenuates Oxidant Skin Injury in Hyperglycemic Rats with Incisional Wound**
Sen L. S., Akgun T., Kahraman M. M., Yüksel M., Ercan F., Yegen B.
ACTA PHYSIOLOGICA, vol.237, pp.41, 2023 (SCI-Expanded)
- X. **Effects of Chronic Stress and Caffeine Consumption on Visceral Pain and Emotional Status: The Role of Adenosine and Estrogen Receptors**
Uzun S. K., KAHRAMAN M. M., Mermer K. S., ÖZDEMİR KUMRAL Z. N., YEGEN B.
ACTA PHYSIOLOGICA, vol.237, pp.20, 2023 (SCI-Expanded)
- XI. **Relationship between Blood Neutrophil Amount and LDL and Estrogen**
Sevim M., Altinoluk T., KAHRAMAN M. M., Akgun T., ŞAHİN A., Ozekici H. N., Fil A., Yildiz B., Yuceturk B., Lale E. N., et al.
ACTA PHYSIOLOGICA, vol.237, pp.40, 2023 (SCI-Expanded)
- XII. **Anti-Inflammatory, Antioxidant and Neuroprotective Effects of Niacin on Mild Traumatic Brain Injury in Rats**
Ozaydin D., Bektasoglu P. K., Koyuncuoğlu T., Ozkaya S. C., Koroglu A. K., AKAKIN D., ERZİK C., YÜKSEL M., YEGEN B., Gurer B.
Turkish Neurosurgery, vol.33, no.6, pp.1028-1037, 2023 (SCI-Expanded)
- XIII. **Investigation of the Possible Protective Effect of Phoenixin-14 on Small Intestine and Lung Damage Due to Mesenteric Ischemia in Rats**
Sen L. S., Kahraman M. M., Mermer K. S., Akgun T., Yüksel M., Ercan F., Yegen B., Yegen C.
ACTA PHYSIOLOGICA, vol.237, pp.33, 2023 (SCI-Expanded)
- XIV. **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)

- XV. **Pulmonary delivery of favipiravir inhalation solution for COVID-19 treatment: in vitro characterization, stability, in vitro cytotoxicity, and antiviral activity using real time cell analysis**
Yildiz Pekoz A., Akbal Dagistan O., Fael H., Culha M., Erturk A., Basarir N. S., Sahin G., Serhatli M., Cakirca G., Tekin S., et al.
DRUG DELIVERY, vol.29, no.1, pp.2846-2854, 2022 (SCI-Expanded)
- XVI. **Melatonin Alleviates Ovariectomy-Induced Cardiovascular Inflammation in Sedentary or Exercised Rats by Upregulating SIRT1**
Arabacı Tamer S., Altinoluk T., Emran M., Korkmaz S., Yüksel R. G., Baykal Z., Dur Z. S., Levent H. N., Ural M. A., Yüksel M., et al.
Inflammation, vol.45, no.6, pp.2202-2222, 2022 (SCI-Expanded)
- XVII. **Pulmonary Delivery of Favipiravir in Rats Reaches High Local Concentrations without Causing Oxidative Lung Injury or Systemic Side Effects**
Akbal-Dagistan O., Sevim M., Sen L. S., Basarir N. S., Culha M., Erturk A., Fael H., Kaptan E., Sancar S., DURMUŞOĞLU L., et al.
PHARMACEUTICS, vol.14, no.11, 2022 (SCI-Expanded)
- XVIII. **Irisin protects against neuroinflammation in rats induced by epileptic seizure**
Ozdemir-Kumral Z. N., Akgun T., Hasim C., Ulusoy E., Yuksel F., Kalpakcioglu M. K., Okumus T., Uslu Z., Akakin D., Goren Z., et al.
ACTA PHYSIOLOGICA, vol.236, pp.799-801, 2022 (SCI-Expanded)
- XIX. **Postoperative treatment with caffeine supports the recovery of intestinal motility in rats: antioxidant action of caffeine**
Sen L. S., Mermer K. S., Kahraman M. M., Toraman A. E., Tiftikci E., Harlak M., Recai M. S., Akkurt Z. N., Yuksel M., Ercan F., et al.
ACTA PHYSIOLOGICA, vol.236, pp.755-757, 2022 (SCI-Expanded)
- XX. **Interactions Of Estrogen And Oxytocin Receptors In Colonic Visceral Hypersensitivity Caused By Irritable Bowel Syndrome In Rats**
Kahraman M. M., Mermer K. S., Aksoy M. B., Ozden L., Sakalli B. M., Uludag A., Varol Y., Yıldırım A., Yegen B.
ACTA PHYSIOLOGICA, vol.236, pp.443, 2022 (SCI-Expanded)
- XXI. **Alterations in Neutrophil Counts Change LDL Levels**
Sevim M., Altinoluk T., Kahraman M. M., Akgun T., Sahin A., Ozekici H. N., Fil A., Yildiz B., Yuceturk B., Lale E. N., et al.
ACTA PHYSIOLOGICA, vol.236, pp.981, 2022 (SCI-Expanded)
- XXII. **Nesfatin-1 treatment preserves antioxidant status and attenuates renal fibrosis in rats with unilateral ureteral obstruction**
Tezcan N., Özdemir-Kumral Z. N., Yenal N. Ö., Çilingir-Kaya Ö. T., Virvan A. T., Özbeyli D., Çetinel Ş., Yeğen B., Koç M.
NEPHROLOGY DIALYSIS TRANSPLANTATION, vol.37, no.7, pp.1238-1248, 2022 (SCI-Expanded)
- XXIII. **Nesfatin-1 ameliorates oxidative brain damage and memory impairment in rats induced with a single acute epileptic seizure**
Arabacı Tamer S., Koyuncuoğlu T., Karagöz Köroğlu A., AKAKIN D., YÜKSEL M., YEGEN B.
Life Sciences, vol.294, 2022 (SCI-Expanded)
- XXIV. **Investigation of the Role of Estrogen Receptors in the Development of Stress Ulcers in Rats by Pretreatment with Specific Estrogen Receptor Agonists or Antagonists**
Sen L. S., Altinoluk T., Ipek B. E., Akbulut S., KAYA Ö. T., ERCAN F., Yegen C., YEGEN B.
ACTA PHYSIOLOGICA, vol.234, pp.47, 2022 (SCI-Expanded)
- XXV. **The Contribution of Estrogen Receptors in the Development of Hepatic Ischemia-Reperfusion Injury in Rats**
Sen L. S., ARABACI TAMER S., Kanpaltı F., ERCAN F., Yegen C., YEGEN B.
ACTA PHYSIOLOGICA, vol.234, pp.77, 2022 (SCI-Expanded)
- XXVI. **Phoenixin-14 Alleviates Sepsis-Induced Cardiopulmonary Damage: Role of the Vagal Tone**
ÖZDEMİR KUMRAL Z. N., Sen L. S., Ozturk C. C., UPRAK T. K., YEGEN B.
ACTA PHYSIOLOGICA, vol.234, pp.51, 2022 (SCI-Expanded)

- XXVII. **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)
- XXVIII. **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)
- XXIX. **Is quail egg a potential endocrine disruptor?**
Süreklı Karakuş Ö., Arabacı Tamer S., Levent H. N., Kaygusuz S. B., Demircioğlu S., Akakin D., Güran T., Yegen B., Bereket A.
HORMONE RESEARCH IN PAEDIATRICS, vol.94, no.SUPPL 1, pp.364, 2021 (SCI-Expanded)
- XXX. **DELAYED GASTRIC EMPTYING IN NEWBORN RATS WITH HYPOXIC-ISCHEMIC ENCEPHALOPATHY IS FACILITATED BY NEUROPEPTIDE W TREATMENT**
Koyuncuoglu T., Ipek B. E., Dertsiz E. K., Akakin D., Yegen B.
GASTROENTEROLOGY, vol.160, no.6, 2021 (SCI-Expanded)
- XXXI. **NEUROPEPTIDE W INHIBITS GASTRIC EMPTYING RATE IN CONSCIOUS RATS WITH GASTRIC CANNULA: THE ROLE VAGAL AFFERENT FIBERS AND CCK RECEPTORS**
Tamer S. A., Yegen B.
GASTROENTEROLOGY, vol.160, no.6, 2021 (SCI-Expanded)
- XXXII. **High-fat Diet Enhances Gastric Contractility, but Abolishes Nesfatin-1-induced Inhibition of Gastric Emptying**
Ozdemir-Kumral Z. N., KOYUNCUOĞLU T., ARABACI TAMER S., KAYA Ö. T., Koroglu A. K., YÜKSEL M., YEGEN B.
JOURNAL OF NEUROGASTROENTEROLOGY AND MOTILITY, vol.27, no.2, pp.265-278, 2021 (SCI-Expanded)
- XXXIII. **Is quail egg a potential endocrine disrupter?**
Süreklı Karakuş Ö., Arabacı Tamer S., Levent H. N., Kaygusuz S. B., Demircioğlu S., Akakin D., Güran T., Yegen B., Bereket A.
NEUROENDOCRINOLOGY, vol.111, pp.32, 2021 (SCI-Expanded)
- XXXIV. **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., Eyupoglu I. P., AKKİPRİK M., YEGEN B.
NEUROENDOCRINOLOGY, vol.111, pp.15-16, 2021 (SCI-Expanded)
- XXXV. **Sleeve gastrectomy-induced endocrine changes in the remnant stomachs of premenopausal and postmenopausal rats: role of the estrogen receptors**
Babayev H., Arabaci-Tamer S., Yildirim A., Kayali D., Ercan F., Yegen C., Ugurlu M. Ü., Yeğen B.
SURGERY FOR OBESITY AND RELATED DISEASES, vol.17, no.1, pp.193-207, 2021 (SCI-Expanded)
- XXXVI. **Estrogen receptor agonists protect against acetaminophen-induced hepatorenal toxicity in rats**
Koyuncuoğlu T., Yıldırım A., Dertsiz E., Yüksel M., Ercan F., Yeğen B.
Life Sciences, vol.263, 2020 (SCI-Expanded)
- XXXVII. **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., Şirvanlı S., Akkiprik M., Aksu B., Dağlı E., Yeğen B.
JOURNAL OF PEDIATRIC SURGERY, vol.55, no.12, pp.2797-2810, 2020 (SCI-Expanded)
- XXXVIII. **MYRTUS COMMUNIS IMPROVES COGNITIVE IMPAIRMENT IN RENOVASCULAR HYPERTENSIVE RATS**
Cevikelli-Yakut Z. -, ERTAŞ B., ŞEN A., Koyuncuoglu T., YEGEN B., Sener G.
JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, vol.71, no.5, 2020 (SCI-Expanded)
- XXXIX. **The gastroprotective effect of obestatin on indomethacin-induced acute ulcer is mediated by a vagovagal mechanism.**
Şen L., Özdemir K., Memi G., Ercan F., Yeğen B., Yeğen C.
Physiology international, vol.107, no.2, pp.243-255, 2020 (SCI-Expanded)

- XL. **Regular moderate exercise alleviates gastric oxidative damage in rats via the contribution of oxytocin receptors.**
Tamer S., Üçem S., Büke B., Güner M., Karaküçük A., Yiğit N., Şirvancı S., Çevik Ö., Ercan F., Yeğen B.
The Journal of physiology, vol.598, pp.2355-2370, 2020 (SCI-Expanded)
- XLI. **Effects of Western Diet and Short-Chain Fatty Acids on Colonic Inflammation**
Sevim M., Ozturk C. C., Ayvaz E. Y., Mergen M. A., Oluc M., Gullu E. C., Temel M., ŞİRVANCI S., Aksu B., YÜKSEL M., et al.
ACTA PHYSIOLOGICA, vol.227, pp.49, 2019 (SCI-Expanded)
- XLII. **Protective Effects of Neuropeptide-W on Stress-Induced Gastric Ulcer in Rats**
Tamer S. A., Akbulut S., AKAKIN D., YEGEN B.
ACTA PHYSIOLOGICA, vol.227, pp.116, 2019 (SCI-Expanded)
- XLIII. **The Neuroprotective Effects of Neuropeptide W in Newborn Rats with Cerebral Palsy**
KOYUNCUOĞLU T., Ipek B. E., Dertsiz E. K., AKAKIN D., YÜKSEL M., YEGEN B.
ACTA PHYSIOLOGICA, vol.227, pp.87, 2019 (SCI-Expanded)
- XLIV. **Effects of Estrogen and Estrogen Receptor Agonists on Acetaminophen-Induced Hepatorenal Toxicity in Rats**
KOYUNCUOĞLU T., YILDIRIM A., Bastem G., Dogan B., Donmez E., Temel E., Dertsiz E. K., YÜKSEL M., ERCAN F., YEGEN B.
ACTA PHYSIOLOGICA, vol.227, pp.29, 2019 (SCI-Expanded)
- XLV. **Oestrogen receptor ER α and ER β agonists ameliorate oxidative brain injury and improve memory dysfunction in rats with an epileptic seizure.**
Koyuncuoğlu T., Tamer S., Erzik C., Karagöz A., Akakin D., Yüksel M., Yeğen B.
Experimental physiology, vol.104, pp.1911-1928, 2019 (SCI-Expanded)
- XLVI. **Rethinking Large Group Lectures: How Far in This Format?**
AKTURAN S., Sevim M., ERZİK C., Yeğen B., GÜLPINAR M. A.
ACTA PHYSIOLOGICA, vol.227, pp.126, 2019 (SCI-Expanded)
- XLVII. **Cardiovascular Effects of Melatonin, Hormone Replacement Therapy and Exercise in Postmenopausal Rats**
Tamer S. A., Altinoluk T., Emran M., Korkmaz S., Yuksel R. G., Baykal Z., Dur Z. S., Levent H. N., Ural M. A., YÜKSEL M., et al.
ACTA PHYSIOLOGICA, vol.227, pp.59, 2019 (SCI-Expanded)
- XLVIII. **Protective Effects of Neuropeptide W against Sepsis-Induced Hepatorenal Injury in Rats**
ATICI A. E., Tamer S. A., Levent H. N., ERCAN F., YEGEN B.
ACTA PHYSIOLOGICA, vol.227, pp.115, 2019 (SCI-Expanded)
- XLIX. **The effects of antibiotics and melatonin on hepato-intestinal inflammation and gut microbial dysbiosis induced by a short-term high-fat diet consumption in rats**
Yıldırım A., Arabacı Tamer S., Sahin D., Bagriacik F., Kahraman M. M., Onur N. D., Cayirli Y. B., Kaya Ö. T., Aksu M. B., Akdeniz Doğan Z. D., et al.
BRITISH JOURNAL OF NUTRITION, vol.122, no.8, pp.841-855, 2019 (SCI-Expanded)
- L. **Neuroprotective effects of mildronate in a rat model of traumatic brain injury**
Demir D., Kuru Bektaşoğlu P., KOYUNCUOĞLU T., Kandemir C., AKAKIN D., YÜKSEL M., Çelikoğlu E., YEGEN B., Gürer B.
INJURY-INTERNATIONAL JOURNAL OF THE CARE OF THE INJURED, vol.50, no.10, pp.1586-1592, 2019 (SCI-Expanded)
- LI. **Effects of western diet and short chain fatty acids on colonic inflammation in rats**
ÖZTÜRK C., Sevim M., Mergen A. M., Gullu C. E., Ayvaz Y. E., Temel M., Oluc M., ŞİRVANCI S., Ural A. M., Cevik O., et al.
ACTA PHYSIOLOGICA, vol.227, pp.43, 2019 (SCI-Expanded)
- LII. **Effects of hormone replacement therapy in combination with swimming exercise and/or melatonin on oxidative tissue damage in postmenopausal rats**
Tamer S. A., Altinoluk T., Emran M., KORKMAZ S., Yuksel R. G., Baykal Z., Dur Z. S., Levent H. N., Ural M. A., YÜKSEL M., et al.
ACTA PHYSIOLOGICA, vol.227, pp.60, 2019 (SCI-Expanded)

- LIII. **Treatment with estrogen receptor agonist ER β improves torsion-induced oxidative testis injury in rats.**
Tamer S., YILDIRIM A., Arabaci S., Ciftci S., Akin S., Sari E., Koroglu M. K., ERCAN F., YÜKSEL M., ÇEVİK Ö., et al.
Life sciences, vol.222, pp.203-211, 2019 (SCI-Expanded)
- LIV. **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)
- LV. **Astaxanthin's Free-Radical Scavenging Activity in an Experimental Cerulein-Induced Acute Pancreatitis**
GÜRLER E. B., Buzcu H., KAYA Ö. T., Çam M. E., YÜKSEL M., KASIMAY ÇAKIR Ö., YEGEN B.
Acta Physiologica, vol.225, pp.13236, 2018 (SCI-Expanded)
- LVI. **Astaxanthin's Free-Radical Scavenging Activity in an Experimental Cerulein-Induced Acute Pancreatitis**
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Memberships / Tasks in Scientific Organizations

2022 - Continues	Ulusal Tıp Eğitimi Akreditasyon Kurulu, Vice President
2021 - Continues	Bilim Akademisi, Principal Member
2017 - Continues	Uluslararası Tıp Eğitimi Akreditasyon Kurulu (UATEAK) , Board Member
2013 - Continues	Tıp Eğitimi Programlarını Değerlendirme ve Akreditasyon Derneği (TEPDAD) , Board Member
2011 - Continues	Türkiye Gazeteciler Cemiyeti Sedat Simavi Ödülleri Sağlık Bilimleri Seçici Kurul , Member of Science Committee
2009 - Continues	Ulusal Tıp Eğitimi Akreditasyon Kurulu (UTEAK) Değerlendirme ve İzleme Ziyareti Komisyonu, Member
1998 - Continues	İstanbul Tabip Odası Dr. Türkan Saylan Tıp Hizmet/Bilim Ödülü, Member of Science Committee
2019 - 2020	TÜBİTAK Bilim İnsanı Destek Programları Başkanlığı (BİDEP) , Member of Advisory Board
2011 - 2014	Türk Fizyolojik Bilimler Derneği , Vice President

Metrics

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Awards

September 1997

Saęlık Bilimleri Ödülü, Sedat Simavi Vakfi

March 1995

Tıp Bilim Ödülü, İstanbul Tabip Odası