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International Researcher IDs

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Publons / Web Of Science ResearcherID: K-7009-2015

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Education Information

Doctorate, Marmara University, School of Medicine, Basic Medical Sciences, Turkey 1999 - 2003

Undergraduate, Istanbul University, Cerrahpaşa Tıp Fakültesi, Cerrahpaşa Tıp Pr., Turkey 1978 - 1984

Foreign Languages

English, C1 Advanced

Research Areas

Health Sciences

Academic Titles / Tasks

Professor, Marmara University, School of Medicine, Basic Medical Sciences, 2002 - Continues

Associate Professor, Marmara University, School of Medicine, Basic Medical Sciences, 1996 - 2002

Assistant Professor, Marmara University, School of Medicine, Basic Medical Sciences, 1994 - 1996

Academic and Administrative Experience

Eğitim Koordinatörü, Marmara University, School of Medicine, Basic Medical Sciences, 2013 - 2016

Marmara University, Institute of Health Sciences, 2013 - 2015

Marmara University, Institute of Health Sciences, 2013 - 2015

Advising Theses

Alican Y. İ., Sıçanda İndometazin ile İndüklenen İletiste Phoenixin-14'xxün Etkilerinin Araştırılması, Doctorate, R.Fathi(Student), Continues

Alican Y. İ., Sıçanda İndometazin ve Etanol ile İndüklenen Mide Ülseri Modellerinde Metforminin Etkisinin Araştırılması, Postgraduate, B.Esra(Student), Continues

Alican Y. İ., Timokinonun Diyabetik Sıçanlarda Kardiyak İskemi/Reperfüzyon Hasarında Heksokinaz ve Otofaji Üzerine Etkisi, Doctorate, S.Üstünova(Student), 2020

ALİCAN Y. İ., Sıçanda hidroklorik asit/etanol ile indüklenen mide ülserinde 1,25 dihidroksi vitamin D3'ün etkisi, Doctorate, H.HÜSEYİN(Student), 2017

ALİCAN Y. İ., Sıçanda hidroklorik asit/etanol ile indüklenen mide ülserinde 1,25 dihidroksi vitamin D3'ün etkisi, Doctorate, H.Hüseyin(Student), 2017

ALİCAN Y. İ., Sıçan adjuvan artrit modelinde fosfodiesteraz-5 inhibisyonunun anti-inflamatuvar ve anti-oksidan etkilerinin araştırılması, Doctorate, F.ELİF(Student), 2016

ALİCAN Y. İ., Sıçan miyokard infarktüsü modelinde 5-lipoksijenaz inhibisyonunun etkisi ve siklooksijenaz sistemiyle etkileşimi, Postgraduate, L.ABUEİD(Student), 2015

Alican Y. İ., Asetaminofen ile Oluşturulan Karaciğer Hasarı Patojenenizde Nitrik Oksit Sentaz ve Siklooksijenaz Sistemlerinin Rolünün Araştırılması , Doctorate, M.KOLGAZİ(Student), 2013

ALİCAN Y. İ., SPESİFİK FOSFODİESTERAZ-5 İNHİBİTÖRÜ SILDENAFİL'İN BLEOMİSİN İLE OLUŞTURULAN AKCİĞER İNFLAMASYON MODELİ ÜZERİNDEKİ ETKİLERİNİN ARAŞTIRILMASI, Doctorate, A.YILDIRIM(Student), 2009

Alican Y. İ., Sıçanda Endotoksemiye Bağlı İnce Barsak Kontraktilite Değişiklikleri ve Reaktif Oksijen Metaboliti Oluşumu Üzerine a-Melanosit Stimulan Hormonun Etkileri , Doctorate, B.Karakoyun(Student), 2009

Alican Y. İ., Spesifik Fosfodiesteraz-5 İnhibitörü Sildenafil'in Sıçan Kolit Modeli Üzerine Etkilerinin Araştırılması, Expertise In Medicine, S.Özlem(Student), 2008

Alican Y. İ., Sıçanda gentamisin ile oluşturulan akut nefrotoksisite üzerine a-Melanosit Stimulan Hormonun Etkisi, Postgraduate, M.KOLGAZİ(Student), 2006

Alican Y. İ., Sıçanda Etanole Bağlı Mide Hasarında a-Melanosit Stimulan Hormonun Etkisi, Expertise In Medicine, N.Jahovic(Student), 2005

Alican Y. İ., Deneysel Hipotiroidizmin Sıçanda Trinitrobenzen Sulfonik Asit ile Oluşturulan Kolit Modelinde Hasar Parametrelerine Etkisi, Expertise In Medicine, Ç.Ayhan(Student), 2002

Alican Y. İ., Sıçanda Deneysel Kolit Modelinde a-Melanosit Stimulan Hormonun Etkisi, Postgraduate, B.Karakoyun(Student), 1998

Jury Memberships

Doctoral Examination, Doctoral Examination, Yeditepe Üniversitesi, November, 2019

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Marmara Üniversitesi, May, 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effect of Thymoquinone on Ischemia/Reperfusion Injury in Isolated Hearts of Streptozotocin-Induced Diabetic Rats**
ÜSTÜNOVA S., KILIÇ A., Bulut H., MERAL İ., Alican I.
ACTA PHYSIOLOGICA, vol.227, pp.26, 2019 (SCI-Expanded)
- II. **The Effect of Vitamin D3 on Thioacetamide-Induced Acute Liver Injury and Encephalopathy in Rats**
Özdemir Kumral Z. N., Erkek B., Karakuş B., Almacı M., Fathi R., Zortul H., Özcan G. S., Yüksel M., Ercan F., Alican Y. İ.
Neuroendocrinology, vol.107, pp.29, 2018 (SCI-Expanded)
- III. **The effect of 1,25 dihydroxyvitamin D3 on HCl/Ethanol-induced gastric injury in rats**
Sahin H. H., Cumbul A., Uslu Ü., Yılmaz Z., Ercan F., Alican I.
TISSUE & CELL, vol.51, pp.68-76, 2018 (SCI-Expanded)
- IV. **Effect of phosphodiesterase-5 inhibition on joint and muscle damage in rats with adjuvant arthritis**
Bahadır F. E., Koroglu M. K., Yüksel M., Ercan F., Alican Y. İ.
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.48, pp.635-643, 2018 (SCI-Expanded)
- V. **Inhibition of 5-lipoxygenase by zileuton in a rat model of myocardial infarction**
Abueid L., Uslu Ü., Cumbul A., Velioğlu Öğünç A., Ercan F., Alican I.

ANATOLIAN JOURNAL OF CARDIOLOGY, vol.17, pp.269-275, 2017 (SCI-Expanded)

- VI. **Effect of Tetracycline Antibiotic Minocycline on Oxidant/antioxidant Parameters on Burn-induced Remote Organ Damage in the Rat**
Sancar M., Tarhan G. G., Kocak E., Budancamanak Z., Karaaslan S., Bahadır E., Demirci E. K., YÜKSEL M., ERCAN F., Alican I.
ACTA PHYSIOLOGICA, vol.218, pp.37-38, 2016 (SCI-Expanded)
- VII. **Protective Effect of 1,25 dihydroxyvitamin D3 on HCl/Ethanol-induced Gastric Injury in Rats**
Şahin H. H., Alican I.
ACTA PHYSIOLOGICA, vol.218, pp.48, 2016 (SCI-Expanded)
- VIII. **Protective effect of 1 25 dihydroxyvitamin D3 on HCl ethanol induced gastric injury in rats**
Şahin H. H., Alican Y. İ.
Acta Physiologica, vol.218, pp.48, 2016 (SCI-Expanded)
- IX. **Effect of tetracycline antibiotic minocycline on oxidant antioxidant parameters on burn induced burn induced remote organ damage in the rat**
Sancar M., Tarhan G., Koçak E., Budancamanak Z., Karaaslan S., Bahadır E., Demirci E., Yüksel M., Ercan F., Alican Y. İ.
Acta Physiologica, vol.218, pp.37, 2016 (SCI-Expanded)
- X. **Conference details**
Bahadır E., Köroğlu K., Yüksel M., Ercan F., Alican Y. İ.
Acta Physiologica, vol.218, 2016 (SCI-Expanded)
- XI. **Investigation of the Anti-inflammatory and Anti-oxidant Effects of Phosphodiesterase-5 Inhibitor Tadalafil on Rat Adjuvant-induced Model of Arthritis**
Bahadır E. F., Koroglu K. M., YÜKSEL M., ERCAN F., Alican I.
ACTA PHYSIOLOGICA, vol.218, pp.18-19, 2016 (SCI-Expanded)
- XII. **The Effect of Simvastatin, a Member of Statins, on Stress-Induced Gastric Ulcer in the Rat**
Bulut M., Kabayuka B., Senkal E. S., Avlac A., Bahadır E., YÜKSEL M., ERCAN F., Alican I.
ACTA PHYSIOLOGICA, vol.215, pp.24-25, 2015 (SCI-Expanded)
- XIII. **The role of cholinergic anti-inflammatory pathway in acetic acid-induced colonic inflammation in the rat**
Kolgazi M., Uslu Ü., Yüksel M., Velioğlu Öğünç A., Ercan F., Alican I.
CHEMICO-BIOLOGICAL INTERACTIONS, vol.205, pp.72-80, 2013 (SCI-Expanded)
- XIV. **The effect of phosphodiesterase-5 inhibition by sildenafil citrate on inflammation and apoptosis in rat experimental colitis**
Karakoyun B., Uslu Ü., Ercan F., Aydın M. Z., Yüksel M., Velioğlu Öğünç A., Alican I.
LIFE SCIENCES, vol.89, pp.402-407, 2011 (SCI-Expanded)
- XV. **Phosphodiesterase-5 inhibition by sildenafil citrate in a rat model of bleomycin-induced lung fibrosis**
Yildirim A., Ersoy Y., Ercan F., Atukeren P., Gumustas K., Uslu Ü., Alican I.
PULMONARY PHARMACOLOGY & THERAPEUTICS, vol.23, pp.215-221, 2010 (SCI-Expanded)
- XVI. **The effect of sildenafil, a phosphodiesterase-5 inhibitor, on acetic acid-induced colonic inflammation in the rat**
İseri S. O., Ersoy Y., Ercan F., Yüksel M., Atukeren P., Gumustas K., Alican I.
JOURNAL OF GASTROENTEROLOGY AND HEPATOLOGY, vol.24, pp.1142-1148, 2009 (SCI-Expanded)
- XVII. **Halofuginone has a Beneficial Effect on Gentamicin-induced Acute Nephrotoxicity in Rats**
Karakoyun B., Yüksel M., Turan P., Arbak S., Alican I.
DRUG AND CHEMICAL TOXICOLOGY, vol.32, pp.312-318, 2009 (SCI-Expanded)
- XVIII. **Halofuginone has a beneficial effect on gentamicin induced acute nephrotoxicity in rats**
LAÇİN B., YÜKSEL M., TURAN P., ARBAK S., ALİCAN Y. İ.
Drug And Chemical Toxicology, vol.32, pp.312-318, 2009 (SCI-Expanded)
- XIX. **L-carnitine ameliorates oxidative damage due to chronic renal failure in rats**
Şener G., Paskaloğlu K., Şatiroğlu H., Alican Y. İ., Kaçmaz A., Şakarcan A.
JOURNAL OF CARDIOVASCULAR PHARMACOLOGY, vol.43, no.5, pp.698-705, 2004 (SCI-Expanded)

- XX. **Hypertension module: An interactive learning tool in physiology**
İşman Ç., Gülpınar M. A., Kurtel H., Alican Y. İ., Yeğen B. Ç.
ADVANCES IN PHYSIOLOGY EDUCATION, vol.27, pp.53-61, 2003 (SCI-Expanded)
- XXI. **Beneficial effects of glycocholic acid (GCA) on gut mucosal damage in bile duct ligated rats**
Oktar B., Gülpınar M. A., Ercan F., Cingi A., Alican Y. İ., Yeğen B. Ç.
INFLAMMATION, vol.25, pp.311-318, 2001 (SCI-Expanded)
- XXII. **The effect of antioxidant therapy on colonic inflammation in the rat**
Yavuz Y., Yüksel M., Yeğen B., Alican Y. İ.
RESEARCH IN EXPERIMENTAL MEDICINE, vol.199, pp.101-110, 1999 (SCI-Expanded)
- XXIII. **Adenosine protects against indomethacin-induced gastric damage in rats**
Bozkurt A., Yüksel M., Haklar G., Kurtel H., Yeğen B., Alican Y. İ.
DIGESTIVE DISEASES AND SCIENCES, vol.43, pp.1258-1263, 1998 (SCI-Expanded)
- XXIV. **Influence of gallopamil on the gastric effects of stress in conscious rats**
Coşkun T., Alican Y. İ., Gürbüz V., Çorak A., Çetinel Ş., Kurtel H., Yeğen B. Ç.
PHARMACOLOGY, vol.52, pp.199-206, 1996 (SCI-Expanded)
- XXV. **A critical role for nitric oxide in intestinal barrier function and dysfunction**
Alican Y. İ., Kubes P.
AMERICAN JOURNAL OF PHYSIOLOGY-GASTROINTESTINAL AND LIVER PHYSIOLOGY, vol.270, 1996 (SCI-Expanded)
- XXVI. **The effect of thermal injury on gastric emptying in rats**
Alican Y. İ., Coşkun T., Yeğen B., Aktan A. Ö., Yalın R., Yeğen B. Ç.
Burns, vol.21, pp.171-174, 1994 (SCI-Expanded)
- XXVII. **ARE M-CHOLINOCEPTORS OF GUINEA-PIG GALLBLADDER SMOOTH-MUSCLE OF M4 SUBTYPE**
Özkutlu U., Alican Y. İ., Karahan F., Onat F., Yeğen B., Ulusoy N. B., Oktay Ş.
PHARMACOLOGY, vol.46, pp.308-314, 1993 (SCI-Expanded)
- XXVIII. **EFFECT OF METHYLENE-BLUE ON BLOOD-PRESSURE IN RATS**
Oktay Ş., Onat F., Karahan F., Alican Y. İ., Özkutlu U., Yeğen B. Ç.
PHARMACOLOGY, vol.46, pp.206-210, 1993 (SCI-Expanded)
- XXIX. **CALCIUM-CHANNEL BLOCKERS PREVENT STRESS-INDUCED ULCERS IN RATS**
Yeğen B. Ç., Alican Y. İ., Yalçın S., Oktay Ş.
AGENTS AND ACTIONS, vol.35, pp.130-134, 1992 (SCI-Expanded)
- XXX. **Muscarinic receptor subtypes of guinea pig common bile duct**
karahan f., ALİCAN Y. İ., özkutlu u., ONAT F., yeğen b. ç., ulusoy n. b., oktay ş.
Arch Int Pharmacodyn Ther, vol.312, pp.140-145, 1991 (SCI-Expanded)

Articles Published in Other Journals

- I. **Burn-induced distant organ injury in rats and the effect of minocycline**
Bahadır E., Sancar M., Tarhan G. G., Kocak E., Budancamanak Z., Karaaslan S., Kervancioglu Demirci E., Yüksel M., Ercan F., Alican I.
MARMARA MEDICAL JOURNAL, vol.30, pp.137-145, 2017 (ESCI)
- II. **The effect of simvastatin pretreatment on stress-induced gastric ulcer in rats**
Bahadır E., Bulut M., Kabayuka B., Senkal E. S., Avlac A., YÜKSEL M., ERCAN F., Alican I.
MARMARA MEDICAL JOURNAL, vol.29, no.1, pp.1-7, 2016 (ESCI)
- III. **Interaction between nitric oxide and cyclooxygenase in the development of acetaminophen-induced hepatotoxicity.**
Kolgazi M., Uslu Ü., Yüksel M., Velioğlu Öğünç A., Ercan F., Alican Y. İ.
J Exp Integ Med, vol.5, no.1, pp.1-5, 2015 (Scopus)
- IV. **Interaction between nitric oxide synthase and cyclooxygenase in the development of acetaminophen induced hepatotoxicity**

KOLGAZİ M., USLU Ü., YÜKSEL M., VELİOĞLU ÖĞÜNÇ A., ERCAN F., ALİCAN Y. İ.

Journal of Experimental and Integrative Medicine, vol.5, pp.16, 2015 (Peer-Reviewed Journal)

V. **Sıçanda endotoksemiye bağlı çoklu organ hasarında kolinerjik anti inflamatuvar yolun rolü**

KOLGAZİ M., ÖZGÜR F., BEYAZOĞLU Ö., KOCAGÖZ A., ÇELİK M., AÇIKEL ELMAS M., YÜKSEL M., ERCAN F., ALİCAN Y. İ.

MARMARA SAĞLIK BİLİMLERİ ENSÜTÜSÜ DERGİSİ, vol.5, pp.21-30, 2015 (Peer-Reviewed Journal)

VI. **Role of the cholinergic anti-inflammatory pathway in endotoxemia-induced multi-organ damage in the rat**

Kolgazi M., Ozgur F., Beyazoglu O., Kocagoz A., Çelik M., Elmas M. A., Yüksel M., Ercan F., Alican I.

CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.5, pp.21-30, 2015 (ESCI)

VII. **The effect of alpha melanocyte stimulating hormone on burn-induced oxidant production by rat peritoneal neutrophils**

Laçın B., Yüksel M., Alican Y. İ.

e-Marmara Medical Journal (elektronik), vol.16, no.1, pp.7-11, 2004 (Scopus)

Books & Book Chapters

I. **Oral Physiology**

Alican Y. İ.

in: Oral Fizyoloji, Esra Bihter Gürler, Editor, Quintessence Publishing , İstanbul, pp.69-79, 2019

II. **Tat ve koku**

YILDIRIM A., TÜRKER K. S., Yalçın D., Aras Çevik H., Çeçen S., YEGEN B., ALİCAN Y. İ., KOYLU E. O., GÜRLER E. B., BULUT T., et al.

in: Oral Fizyoloji, Esra Bihter Gürler, Editor, Quintessence Yayıncılık, pp.7-10, 2019

III. **Tıbbi Fizyoloji**

YEGEN B., ALİCAN Y. İ., SOLAKOĞLU Z. O., Farklı fakültelerden s. b. ç.

Güneş Tıp, 2017

Refereed Congress / Symposium Publications in Proceedings

I. **Sıçan adjuvan artrit modelinde fosfodiesteraz 5 inhibisyonunun anti inflamatuvar ve anti oksidan etkilerinin araştırılması**

BAHADIR E., KÖROĞLU K., YÜKSEL M., ERCAN F., ALİCAN Y. İ.

42.ULUSAL FİZYOLOJİ KONGRESİ, Turkey, 5 - 08 September 2016, vol.218, pp.8-25

II. **1 25 Dihidroksi D3 ün sıçanda hidroklorik asit etanol ile ouşturulan mide ülseri üzerine etkisi**

ŞAHİN H. H., ALİCAN Y. İ.

42. Ulusal Fizyoloji Kongresi, Turkey, 5 - 08 September 2016, vol.218, pp.26-91

III. **The effect of phosphodiesterase 5 inhibitor tadalafil on the severity of joint injury in rats with adjuvant arthritis**

Bahadır E., Köroğlu M., YÜKSEL M., ERCAN F., ALİCAN Y. İ.

Physiology 2016, Dublin, Ireland, 29 - 31 July 2016

IV. **The effect of 5 lipoxygenase inhibition and its interaction with cyclooxygenase pathway in a rat model of myocardial infarction**

ABUEİD L., CUMBUL A., VELİOĞLU ÖĞÜNÇ A., ERCAN F., USLU Ü., ALİCAN Y. İ.

7th European Congress of Pharmacology ,EPHAR 2016,p032, 26 - 30 June 2016

V. **Protective effect of 1 25 dihydroxyvitamin D3 on HCl ethanol induced gastric injury in rats**

ŞAHİN H. H., ALİCAN Y. İ.

Joint Meeting of the American Physiological Society and The Physiological Society, 29 - 31 July 2016, vol.217, pp.3-158

- VI. **The effect of 5 lipoxygenase inhibition and its interection with cyclooxygenase pathway in a rat model of myocardial infarction**
ABUEID L., CUMBUL A., VELİOĞLU ÖĞÜNÇ A., ERCAN F., USLU Ü., ALİCAN Y. İ.
7th European Congress of Pharmacology, 26 - 30 June 2016
- VII. **Sıçanda stres ile indüklenen mide ülserinde statin grubu ilaç olan simvastatin in etkisi**
Bulut M., Beyza K., Ece Söylem Ş., Abdullah A., Bahadır E., YÜKSEL M., ERCAN F., ALİCAN Y. İ.
41. Ulusal Fizyoloji Kongresi, Çanakkale, Turkey, 9 - 13 September 2015
- VIII. **The Role of the antiinflammatory cholinergic pathway in the pathogenesis of a rat model of acute colitis**
KOLGAZİ M., USLU Ü., YÜKSEL M., VELİOĞLU ÖĞÜNÇ A., ERCAN F., ALİCAN Y. İ.
IUPS 2013, 21 - 26 July 2013

Memberships / Tasks in Scientific Organizations

Türk Fizyolojik Bilimler Derneği, Chairman of the Scientific Committee, 2017 - Continues

Scientific Refereeing

CHEMICO-BIOLOGICAL INTERACTIONS, Journal Indexed in SCI-E, October 2019
AGING-US, SCI Journal, September 2019
CHEMICO-BIOLOGICAL INTERACTIONS, Journal Indexed in SCI-E, August 2019
LIFE SCIENCES, SCI Journal, August 2019
LIFE SCIENCES, SCI Journal, June 2019
Journal Of Investigative Surgery, Journal Indexed in SCI-E, May 2019

Metrics

Publication: 55
Citation (WoS): 605
Citation (Scopus): 1267
H-Index (WoS): 10
H-Index (Scopus): 10

Congress and Symposium Activities

Türk Fizyolojik Bilimler Derneği 45. Ulusal Fizyoloji Kongresi, Working Group, Aydın, Turkey, 2019