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Personal Information

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Publons / Web Of Science ResearcherID: C-7566-2016

ScopusID: 7006409691

Yoksis Researcher ID: 207090

Education Information

Post Doctorate, The University of Alabama at Birmingham, Tıp Fakültesi, Anesthesiology Araştırma Bölümü, United States Of America 2002 - 2002

Doctorate, The University of Alabama at Birmingham, Tıp Fakültesi, Biyokimya Ve Moleküler Genetik, United States Of America 1998 - 2002

Expertise In Medicine, Akdeniz University, Akdeniz , Tıbbi Biyokimya, Turkey 1994 - 1998

Undergraduate, Cukurova University, Tıp Fakültesi, Tıp, Turkey 1987 - 1993

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, Nano teknoloji temelli real-time PCR teknikleri uygulamalı kursu, Mersin Üniversitesi, 2011

Health&Medicine, Klinik Araştırmalarda Etik Yaklaşım Kursu, Sağlık Bakanlığı İlaç ve Eczacılık Genel Müdürlüğü., 2009

Health&Medicine, Human Subjects Protection Training Program., The University of Alabama at Birmingham., 2000

Occupational Health and Safety, Radiation Safety Course, The University of Alabama at Birmingham, 1998

Health&Medicine, Turkish Heart Study, The Gladstone Research Laboratories, 1991

Health&Medicine, Acil Yardım ve Eğitim Kursu, Çukurova Üniversitesi Tıp Fakültesi., 1982

Dissertations

Doctorate, REACTIVE OXYGEN SPECIES IN SICKLE CELL DISEASE, The University of Alabama at Birmingham, Tıp Fakültesi, Biyokimya Ve Moleküler Genetik, 2002

Expertise In Medicine, G-CSF VE GM-CSF'İN NÖTROFİLLERDEKİ RESPIRATUAR PATLAMAYA OLAN ETKİLERİNİN KEMİLÜMİNESANS YÖNTEMLE İNCELENMESİ, Akdeniz University, Tıp Fakültesi, Tıbbi Biyokimya, 1998

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry

Academic Titles / Tasks

Professor, Akdeniz University, Faculty of Medicine, Department of Basic Medical Sciences, 2009 - Continues
Associate Professor, Akdeniz University, Faculty of Medicine, Department of Basic Medical Sciences, 2004 - 2009
Expert, Akdeniz University, Faculty of Medicine, Department of Basic Medical Sciences, 2002 - 2004
The University of Alabama at Birmingham, Faculty of Medicine, Anesteziyoloji Araştırma Bölümü, 2002 - 2002
Research Assistant PhD, The University of Alabama at Birmingham, Faculty of Medicine, Temel Bilimler, 1998 - 2002
Research Assistant PhD, Akdeniz University, Faculty of Medicine, Department of Basic Medical Sciences, 1994 - 1998

Academic and Administrative Experience

Director of the Center, Akdeniz University, Faculty Of Medicine, Department of Basic Medical Sciences, 2020 - Continues
Akdeniz University, Tıp Fakültesi , Temel Bilimler, 2014 - Continues
Akdeniz University, Tıp Fakültesi , Temel Bilimler, 2004 - Continues

Courses

Canlı Sistemlerdeki Biyomoleküllerin Özellikleri ve Biyoenerjetik, Postgraduate, 2013 - 2014

Advising Theses

Aydın Aslan M., Böbrek epitel hücrelerinde endoplazmik retikulum stresinin lipid düzeyleri, inflamatuvar ve apoptotik yollar üzerindeki etkileri, Postgraduate, H.TUĞÇE(Student), 2021
Aydın Aslan M., RETİNAL PİGMENT EPİTEL HÜCRELERİNDE ENDOPLAZMİK RETİKULUM STRESİNİN SİFİNGOLİPİD DÜZEYLERİ VE APOPTOTİK YOLAK ÜZERİNDEKİ ETKİLERİ, Doctorate, E.AFŞAR(Student), 2021
Aydın Aslan M., Diklofenak sodyum'un kolorektal kanser hücrelerinde adezyon molekülleri ve apoptozise etkisi, Postgraduate, Ç.YILMAZ(Student), 2021
Aydın Aslan M., Karaciğer iskemi reperfüzyonunda nötral sfingomyelinaz inhibisyonunun endoplazmik retikulum stresine ve apoptotik hücre ölümüne olan etkisi, Doctorate, H.TUZCU(Student), 2018
Aydın Aslan M., Akne vulgarisi olan hastalarda sfingomiyelin ve seramid inflamatuvar yolağının araştırılması, Postgraduate, S.KAYA(Student), 2018
AYDIN ASLAN M., Aslan M., Karaciğer iskemi reperfüzyonunda arşidonik asit salınımı ve inflamatuvar yollara etkisi, Postgraduate, E.Kıraç(Student), 2015
AYDIN ASLAN M., BARIATRİK CERRAHİNİN ERKEN DÖNEMDE REVERS KOLESTEROL TRANSPORTUNA ETKİSİ, Expertise In Medicine, S.Doğan(Student), 2013
AYDIN ASLAN M., TİP 2 DİYABET HASTALARINDA KAN GLUKOZ DÜZEYLERİNDEKİ DEĞİŞKENLİĞİN PLAZMA VE İDRAR OKSİDASYONUNA ETKİSİ, Postgraduate, H.Tuzcu(Student), 2012

Jury Memberships

Expertise In Medicine, Tıbbi Biyokimya Tıpta Uzmanlık Jürisi, Antalya Eğitim ve Araştırma Hastanesi, March, 2014
Post Graduate, Tez: İzoproterenol ile oluşturulan kardiyak hasara kükürt, Akdeniz Üniversitesi Tıp Fakültesi , January, 2014
Academic Staff Examination, Biyokimya Anabilim Dalı Doktora Giriş Sınavı Jürisi, Akdeniz Üniversitesi Tıp Fakültesi , January, 2014
Post Graduate, Biyokimya Anabilim Dalı Yüksek Lisans Tez Savunma Jürisi, Akdeniz Üniversitesi Tıp Fakültesi , January, 2014
Appointment to Academic Staff-Assistant Professorship, Sağlık Bilimleri Enstitüsü Biyokimya Anabilim Dalı Araştırma Görevlisi kadrosuna atama jürisi, Akdeniz Üniversitesi Tıp Fakültesi, August, 2013
Academic Staff Examination, Biyokimya Anabilim Dalı Yüksek Lisans ve Doktora Giriş Sınavı Jürisi, Akdeniz Üniversitesi Tıp Fakültesi , July, 2013
Appointment to Academic Staff-Assistant Professorship, Tıbbi Biyokimya Anabilim Dalı'nda açık bulunan Doçent kadrosuna atama jürisi, Akdeniz Üniversitesi Rektörlüğü, July, 2013

Expertise In Medicine, Tıpta Uzmanlık Jürisi, Akdeniz Üniversitesi Tıp Fakültesi , February, 2013

Associate Professor Exam, Doçentlik Sınavı Jürisi, Üniversiteler Arası Kurul, November, 2012

Post Graduate, Yüksek Lisans Tez Savunma Jürisi, Akdeniz Üniversitesi Tıp Fakültesi Fizyoloji Anabilim Dalı, July, 2012

Post Graduate, Yüksek Lisans Tez Savunma Jürisi, Akdeniz Üniversitesi Tıp Fakültesi Tıbbi Biyokimya Anabilim Dalı , February, 2012

Appointment to Academic Staff-Assistant Professorship, Profesör kadrosuna atama jürisi. , Ege Üniversitesi Rektörlüğü , February, 2012

Associate Professor Exam, Doçentlik Sınavı Asil Jürisi, T.C. Üniversitelerarası Kurul Başkanlığı, January, 2012

Post Graduate, Yüksek Lisans Tez Savunma Jürisi, Üniversitesi Tıp Fakültesi Anatomi Anabilim Dalı , December, 2011

Post Graduate, Biyofizik Anabilim Dalı Yüksek Lisans Tez Savunma Jürisi, Akdeniz Üniversitesi Tıp Fakültesi , December, 2011

Appointment to Academic Staff-Assistant Professorship, Profesör kadrosuna atama jürisi. , Ege Üniversitesi Rektörlüğü , November, 2011

Academic Staff Examination, Biyokimya Anabilim Dalı Yüksek Lisans Giriş Sınavı , Akdeniz Üniversitesi Tıp Fakültesi, August, 2010

Appointment to Academic Staff-Assistant Professorship, Profesör kadrosuna atama jürisi, İstanbul Üniversitesi Rektörlüğü , August, 2010

Academic Staff Examination, Biyokimya Anabilim Dalı Yüksek Lisans Giriş Sınavı Jürisi, Akdeniz Üniversitesi Tıp Fakültesi , August, 2009

Post Graduate, Yüksek Lisans Tez Savunma Jürisi, Akdeniz Üniversitesi Tıp Fakültesi Biyokimya Anabilim Dalı , June, 2008

Post Graduate, Yüksek Lisans Tez Savunma Jürisi, Akdeniz Üniversitesi Tıp Fakültesi Biyofizik Anabilim Dalı , March, 2008

Post Graduate, Yüksek Lisans Tez Savunma Jürisi, Akdeniz Üniversitesi Tıp Fakültesi Fizyoloji Anabilim Dalı . , June, 2006

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Decreased plasma levels of sphingolipids and total cholesterol in adult cystic fibrosis patients**
Bal Topcu D., Er B., Ozcan F., AYDIN ASLAN M., Coplu L., LAY İ., ER ÖZTAŞ Y.
Prostaglandins Leukotrienes and Essential Fatty Acids, vol.197, 2023 (SCI-Expanded)
- II. **Relationship between serum Betatrophin, GPIHBP1, and LDL subfractions in patients with gestational diabetes mellitus**
Saruhan E., Ispir E., Basaran Y., Akbaba E., Tosun K., Aslan M.
Clinical Biochemistry, vol.118, 2023 (SCI-Expanded)
- III. **Resveratrol in Neurodegeneration, in Neurodegenerative Diseases, and in the Redox Biology of the Mitochondria**
DANIŞMAN B., Kelek S., AYDIN ASLAN M.
Psychiatry and Clinical Psychopharmacology, vol.33, no.2, pp.147-155, 2023 (SCI-Expanded)
- IV. **Sphingolipidomic profile and HDL subfractions in obese dyslipidemic type 2 diabetic patients**
Aslan İ., Aydın D., Koca Y., Yılmaz Ç., Çeker T., Öztüzün A., Aslan M.
Prostaglandins and Other Lipid Mediators, vol.166, 2023 (SCI-Expanded)
- V. **Editorial: Bioactive sphingolipids in health and disease**
Aslan M., ER ÖZTAŞ Y., Silva L. C.
Frontiers in Molecular Biosciences, vol.9, 2022 (SCI-Expanded)
- VI. **Effects of biotin deficiency on short term memory: The role of glutamate, glutamic acid, dopamine and protein kinase A**
MUNZUROĞLU M., DANIŞMAN B., Akçay G., Yelli İ., Aslan M., DERİN N.
Brain Research, vol.1792, 2022 (SCI-Expanded)
- VII. **Therapeutic Effects of Transcranial Direct Current Stimulation on Learning Changes and Glutamate Level Regulation After Experimental Cerebral Ischemia**
AKÇAY G., DERİN N., Aslan M., KİPMEN KORGUN D.
ACTA PHYSIOLOGICA, vol.234, pp.34, 2022 (SCI-Expanded)
- VIII. **The influence of syringic acid treatment on total dopamine levels of the hippocampus and on cognitive behavioral skills**
Ogut E., Akçay G., YILDIRIM F. B., DERİN N., AYDIN ASLAN M.
INTERNATIONAL JOURNAL OF NEUROSCIENCE, vol.132, no.9, pp.901-909, 2022 (SCI-Expanded)
- IX. **TUNICAMYCIN INDUCED SPHINGOLIPID AND POLYUNSATURATED FATTY ACID CHANGES IN HUMAN KIDNEY**

EPITHELIAL CELLS

Aydın Aslan M.

TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.46, pp.100-104, 2021 (SCI-Expanded)

- X. **Diclofenac down-regulates COX-2 induced expression of CD44 and ICAM-1 in human HT29 colorectal cancer cells**
Yilmaz C., KÖKSOY S., Ceker T., Aslan M.
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.394, no.11, pp.2259-2272, 2021 (SCI-Expanded)
- XI. **The investigation of the role of sirtuin-1 on embryo implantation in oxidative stress-induced mice**
Aksu K., Golal E., Aydın Aslan M., Üstünel İ., Acar Aydemir N.
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.38, no.9, pp.2349-2361, 2021 (SCI-Expanded)
- XII. **Neuropeptide-S Affects Cognitive Impairment and Depression-like Behavior on MPTP Induced Experimental Mouse Model of Parkinson's Disease.**
Özkan A., Bülbül M., Derin N., Sinen O., Akçay G., Parlak H., Aydın Aslan M., Ağar A.
Turkish journal of medical sciences, 2021 (SCI-Expanded)
- XIII. **Role of ceramide and ER stress in the antiproliferative effects of thymoquinone in MCF-7 and HepG2 cancer cells**
Aslan M., Afsar E., Kirimlioğlu E., Ceker T., Yilmaz C.
FEBS OPEN BIO, vol.11, pp.84, 2021 (SCI-Expanded)
- XIV. **Alleviation of prilocaine-induced epileptiform activity and cardiotoxicity by thymoquinone**
Akgul B., AYCAN İ. Ö., Hidisoglu E., Afsar E., Yildirim S., TANRIÖVER G., COŞKUNFIRAT N., Sanli S., AYDIN ASLAN M.
DARU-JOURNAL OF PHARMACEUTICAL SCIENCES, vol.29, no.1, pp.85-99, 2021 (SCI-Expanded)
- XV. **Antiproliferative Effects of Thymoquinone in MCF-7 Breast and HepG2 Liver Cancer Cells: Possible Role of Ceramide and ER Stress**
AYDIN ASLAN M., Afsar E., KIRIMLIOĞLU E., Ceker T., Yilmaz C.
NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, vol.73, no.3, pp.460-472, 2021 (SCI-Expanded)
- XVI. **Organ function, sphingolipid levels and inflammation in tunicamycin induced endoplasmic reticulum stress in male rats**
AYDIN ASLAN M., Elpek O., AKKAYA B., TUZCU BALABAN H., Afsar E.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.40, no.2, pp.259-273, 2021 (SCI-Expanded)
- XVII. **Evaluation of Preoperative and Postoperative S100 beta and NSE Levels in Liver Transplantation and Right Lobe Living-Donor Hepatectomy: A Prospective Cohort Study**
DİNÇ B., AYCAN İ. Ö., AYDIN ASLAN M., HADİMİOĞLU N., ERTUĞ Z., KISAOĞLU A., DEMİRYILMAZ İ.
TRANSPLANTATION PROCEEDINGS, vol.53, no.1, pp.16-24, 2021 (SCI-Expanded)
- XVIII. **Polyunsaturated Fatty Acid and Sphingolipid Measurements by Tandem Mass Spectrometry**
AYDIN ASLAN M.
MINI-REVIEWS IN ORGANIC CHEMISTRY, vol.18, no.1, pp.3-10, 2021 (SCI-Expanded)
- XIX. **Increased PUFA levels in kidney epithelial cells in the course of diclofenac toxicity**
AYDIN ASLAN M., KIRIMLIOĞLU E., Afsar E., ÇEKER T., YILMAZ C.
TOXICOLOGY IN VITRO, vol.66, 2020 (SCI-Expanded)
- XX. **Histopathological and biochemical assessment of a novel diagnostic method for ovarian torsion**
Ozekinci M., Kucuksayan E., Erdogan G., AYDIN ASLAN M., Pestereli E., CANPOLAT M., Sircan-Kucuksayan A.
BIOTECHNIC & HISTOCHEMISTRY, vol.95, no.3, pp.203-209, 2020 (SCI-Expanded)
- XXI. **The Effects of Syringic Acid on Learning & Memory After Chronic Deltamethrin Exposure in Wistar Rats**
Ogut E., ŞEKERCİ R., Akçay G., YILDIRIM F. B., DERİN N., AYDIN ASLAN M., Sati L.
JOURNAL OF ANATOMY, vol.236, pp.201, 2020 (SCI-Expanded)
- XXII. **Effect of ER stress on sphingolipid levels and apoptotic pathways in retinal pigment epithelial cells**
Afsar E., KIRIMLIOĞLU E., ÇEKER T., YILMAZ C., DEMİR N., Aslan M.
REDOX BIOLOGY, vol.30, 2020 (SCI-Expanded)
- XXIII. **Does ischemic preconditioning increase flap survival by ADORA2B receptor activation?**
ÜLKER P., ÖZKAN Ö., Amoroso M., AYDIN ASLAN M., Bassorgun I., Ubur M. C., Unal K., Ozcan F., ÖZKAN Ö.
CLINICAL HEMORHEOLOGY AND MICROCIRCULATION, vol.75, no.2, pp.151-162, 2020 (SCI-Expanded)
- XXIV. **Neuroprotective Effect of Neuropeptide-S on Cognitive Functions in the Experimental Model of Parkinson's Disease", Acta Physiologica**
SİNEN O., BÜLBÜL M., ÖZKAN A., DERİN N., AKÇAY G., PARLAK H., AYDIN ASLAN M., AĞAR A.

ACTA PHYSIOLOGICA, vol.227, no.5722, pp.88, 2019 (SCI-Expanded)

- XXV. **Serum Sphingolipidomic Analysis in Acne Vulgaris Patients**
Kaya S., Aslan I., Kirac E., Karaarslan T., AYDIN ASLAN M.
ANNALS OF CLINICAL AND LABORATORY SCIENCE, vol.49, no.2, pp.242-248, 2019 (SCI-Expanded)
- XXVI. **Oxidative DNA Damage-Mediated Genomic Heterogeneity Is Regulated by NKX3.1 in Prostate Cancer**
DEBELEÇ BÜTÜNER B., Bostanci A., Ozcan F., Singin O., Karamil S., AYDIN ASLAN M., Roggenbuck D., KORKMAZ K. S.
CANCER INVESTIGATION, vol.37, no.2, pp.113-126, 2019 (SCI-Expanded)
- XXVII. **Diclofenac induced gastrointestinal and renal toxicity is alleviated by thymoquinone treatment**
AYCAN İ. Ö., Elpek O., AKKAYA B., Kırac E., Tuzcu H., KAYA S., COŞKUNFIRAT N., Aslan M.
FOOD AND CHEMICAL TOXICOLOGY, vol.118, pp.795-804, 2018 (SCI-Expanded)
- XXVIII. **Effect of tauroursodeoxycholic acid on PUFA levels and inflammation in an animal and cell model of hepatic endoplasmic reticulum stress**
ASLAN M., KIRAC E., YILMAZ O., ÜNAL B., KONUK E., OZCAN F., TUZCU H.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.37, no.8, pp.803-816, 2018 (SCI-Expanded)
- XXIX. **Sphingolipidomic analysis reveals decreased levels of very long chain sphingomyelins and ceramides in sickle cell disease patients**
AYDIN ASLAN M., Kirac E., Kaya S., Ozcan F., Salim O., Kupesiz O. A.
FEBS OPEN BIO, vol.8, pp.278-279, 2018 (SCI-Expanded)
- XXX. **Decreased Serum Levels of Sphingomyelins and Ceramides in Sickle Cell Disease Patients**
Aslan M., Kırac E., KAYA S., Ozcan F., SALİM O., KÜPESİZ O. A.
LIPIDS, vol.53, no.3, pp.313-322, 2018 (SCI-Expanded)
- XXXI. **Effect of 20-HETE inhibition on L-NAME-induced hypertension in rats**
ÖZEN N., ULKER S. N., ULKER P., Ozcan F., Aslan M., Senturk U. K., BASRALI F.
CLINICAL AND EXPERIMENTAL HYPERTENSION, vol.40, no.3, pp.292-302, 2018 (SCI-Expanded)
- XXXII. **Mass Spectrometric Identification of Collagen Alpha-1 (III) Chain and Chondroitin Sulfate Proteoglycan-4 Nitration in Patients with Acute Pulmonary Embolism**
ÖZTÜRK O., Eken C., AVCİL Z., Ozcan F., Aslan M.
CURRENT PROTEOMICS, vol.15, no.1, pp.34-41, 2018 (SCI-Expanded)
- XXXIII. **European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS)**
Egea J., Fabregat I., Frapart Y. M., Ghezzi P., Gorlach A., Kietzmann T., Kubaichuk K., Knaus U. G., Lopez M. G., Olaso-Gonzalez G., et al.
REDOX BIOLOGY, vol.13, pp.94-162, 2017 (SCI-Expanded)
- XXXIV. **The Effects of Different Doses of Ingested Sulfite on The Arachidonic Acid Pathway in the Brain Tissue**
DERİN N., Topak G., KİPMEN KORGUN D., AYDIN ASLAN M.
ACTA PHYSIOLOGICA, vol.221, pp.34, 2017 (SCI-Expanded)
- XXXV. **Determination of nitrative and oxidative stress markers and the role of selective neutral sphingomyelinase inhibition in hepatic ischemia/reperfusion injury**
Ozcan F., Tuzcu H., Kirac E., ELPEK G. Ö., AYDIN ASLAN M.
VIRCHOWS ARCHIV, vol.471, 2017 (SCI-Expanded)
- XXXVI. **Neutral sphingomyelinase inhibition alleviates apoptosis, but not ER stress, in liver ischemia-reperfusion injury**
Tuzcu H., ÜNAL B., Kırac E., KONUK E., Özcan F., ELPEK G. Ö., DEMİR N., Aslan M.
FREE RADICAL RESEARCH, vol.51, no.3, pp.253-268, 2017 (SCI-Expanded)
- XXXVII. **Decreased Hepatic Polyunsaturated Fatty Acids and Inflammatory Response in a Rat Model of Endoplasmic Reticulum Stress**
AYDIN ASLAN M., ÜNAL B., Ozcan F., TUZCU BALABAN H., Kirac E.
FREE RADICAL BIOLOGY AND MEDICINE, vol.100, 2016 (SCI-Expanded)
- XXXVIII. **The Effect of Glutathione Isopropyl Ester on 6-Hydroxydopamine-induced Model of Parkinson's Disease**
ÖZSOY Ö., AYDIN ASLAN M., TANRIÖVER G., Yuruker S., DEMİR N., Agar A.
ACTA PHYSIOLOGICA, vol.218, pp.70-71, 2016 (SCI-Expanded)
- XXXIX. **Mass Spectrometric Quantification of Urinary Netrin-1 Protein in Renal Transplant Recipients**
Ozcan F., AKBAŞ S. H., SÜLEYMANLAR G., AYDIN ASLAN M., Yucel G.
CURRENT PROTEOMICS, vol.13, no.1, pp.31-38, 2016 (SCI-Expanded)

- XL. **Oxidative stress in beta-thalassaemia and sickle cell disease**
Voskou S., AYDIN ASLAN M., Fanis P., Phylactides M., Kleanthous M.
REDOX BIOLOGY, vol.6, pp.226-239, 2015 (SCI-Expanded)
- XLI. **Glyceraldehyde 3-phosphate dehydrogenase (GAPDH) is inactivated by S-sulfuration in vitro**
Jarosz A. P., Wei W., Gauld J. W., Auld J., Ozcan F., AYDIN ASLAN M., Mutus B.
FREE RADICAL BIOLOGY AND MEDICINE, vol.89, pp.512-521, 2015 (SCI-Expanded)
- XLII. **Effects of Ingested Sulfite on Glutamate Synthesis and Release in the Hippocampus**
DERİN N., KENCEBAY MANAS C., BÜLBÜL M., KİPMEN KORGUN D., Ocak A. G., AYDIN ASLAN M.
ACTA PHYSIOLOGICA, vol.215, pp.67, 2015 (SCI-Expanded)
- XLIII. **LC-MS/MS analysis of plasma polyunsaturated fatty acids in patients with homozygous sickle cell disease**
Aslan M., Celmeli G., Ozcan F., Kupesiz A.
CLINICAL AND EXPERIMENTAL MEDICINE, vol.15, no.3, pp.397-403, 2015 (SCI-Expanded)
- XLIV. **Thiol redox homeostasis in neurodegenerative disease**
McBean G. J., AYDIN ASLAN M., Griffiths H. R., Torrao R. C.
REDOX BIOLOGY, vol.5, pp.186-194, 2015 (SCI-Expanded)
- XLV. **Induction of omega 6 inflammatory pathway by sodium metabisulfite in rat liver and its attenuation by ghrelin**
Ercan S., Kencebay C., Basaranlar G., Ozcan F., DERİN N., Aslan M.
LIPIDS IN HEALTH AND DISEASE, vol.14, 2015 (SCI-Expanded)
- XLVI. **Analysis of Polyunsaturated Fatty Acids and Omega-6 Inflammatory Pathway in Hepatic Ischemia Reperfusion Injury**
Kirac E., Ozcan F., TUZCU BALABAN H., ELPEK G. Ö., AYDIN ASLAN M.
FREE RADICAL BIOLOGY AND MEDICINE, vol.76, 2014 (SCI-Expanded)
- XLVII. **The possible role of Apelin on formation and healing mechanisms of ischemia reperfusion (I/R) induced mucosal lesions in rats**
Gemici B., Eker İ., UYSAL V. N., AYDIN ASLAN M.
ACTA PHYSIOLOGICA, vol.211, pp.110, 2014 (SCI-Expanded)
- XLVIII. **Early Postoperative Changes of HDL Subfraction Profile and HDL-Associated Enzymes After Laparoscopic Sleeve Gastrectomy**
Dogan S., Aslan I., Eryilmaz R., Ensari C. O., Bilecik T., Aslan M.
OBESITY SURGERY, vol.23, no.12, pp.1973-1980, 2013 (SCI-Expanded)
- XLIX. **Does circadian rhythm disruption induced by light-at-night has beneficial effect of melatonin on sciatic nerve injury?**
Kaya Y., SARIKIOĞLU L., YILDIRIM F. B., Aslan M., DEMİR N.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.53, pp.18-24, 2013 (SCI-Expanded)
- L. **LC-MS/MS analysis of plasma polyunsaturated fatty acids in type 2 diabetic patients after insulin analog initiation therapy**
Aslan M., Ozcan F., Aslan I., Yucel G.
LIPIDS IN HEALTH AND DISEASE, vol.12, 2013 (SCI-Expanded)
- LI. **Sphingomyelinase Inhibition Decreases ER Stress-Mediated Apoptosis and Caspase Activation in Rat Ocular Hypertension**
AYDIN ASLAN M., Konuk E. K., Kucuksayan E., ÜNAL M., Ciftcioglu A., DEMİR N., Mutus B.
FREE RADICAL BIOLOGY AND MEDICINE, vol.65, 2013 (SCI-Expanded)
- LII. **Sphingomyelinase Inhibition Decreases Er Stress-Mediated Apoptosis and Inducible Nitric Oxide Synthase in Retinal Pigment Epithelial Cells**
Kucuksayan E., Konuk E. K. K., DEMİR N., Mutus B., AYDIN ASLAN M.
FREE RADICAL BIOLOGY AND MEDICINE, vol.65, 2013 (SCI-Expanded)
- LIII. **Diagnosis of Ovarian Ischemia-Reperfusion Injury via Optical Fiber Spectroscopy in a Rat Model**
Sircan-Kucuksayan A., Kucuksayan E., Gemici B., Ozekinci M., ERDOĞAN G., AYDIN ASLAN M., CANPOLAT M.
FREE RADICAL BIOLOGY AND MEDICINE, vol.65, 2013 (SCI-Expanded)
- LIV. **Tumour suppressor PTEN enhanced enzyme activity of GPx, SOD and catalase by suppression of PI3K/AKT pathway in non-small cell lung cancer cell lines**
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XXVI. Thymoquinone Alleviates Diclofenac Induced Gastrointestinal and Renal Toxicity

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XXVIII. Plasma ceramides and sphingomyelins increase in primary ciliary dyskinesia but decrease in cystic fibrosis

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XXIX. Investigation of possible protective role of syringic acid on hippocampus after chronic deltamethrin exposure

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XXXI. Decreased circulating sphingomyelins and ceramides in sickle cell disease patients

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XXXII. Sphingolipidomic analysis in acne vulgaris patient serum shows decreased C24-ceramide and increased ceramide-1-phosphate levels

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XXXIII. Changes in PUFA Levels and Inflammation in a Cell Model of Hepatic Endoplasmic Reticulum Stress

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AYDIN ASLAN M., Ozcan F., AVCİL Z., Ozturk O. H., Eken C.

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XXXVII. Effect of Neutral Sphingomyelinase Inhibition on ER Stress and Apoptosis in Liver Ischemia-Reperfusion Injury

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- XL. **Mass spectrometric detection of chondroitin sulfate proteoglycan 4 nitration in patients with acute pulmonary embolism**
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- XLVII. **DECREASED HDL SUBFRACTIONS IN SICKLE CELL DISEASE PATIENTS IS ACCOMPANIED BY A REDUCTION OF BOTH LCAT AND THE ACTIVATOR PROTEIN APOA-1**
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- LIII. Oral sodyum tungstat tedavisinin diyabetin kalpte oluşturduğu mekanik ve iyonik değişikliklere etkisi**
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- LIV. Deneysel Parkinsonda melatoninin substantia nigra siklooksigenaz nuklear faktör kappa ve kaspaz 3 seviyelerine etkisi**
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Nitrotyrosine in Ocular Hypertensive Rats

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LXVIII. Polymorphism in the TNF-alpha Gene Promoter is Associated With Increased Circulating Levels of TNF-alpha, Myeloperoxidase and Nitrotyrosine in Primary Sjogren's Syndrome

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LXIX. Oral sodyum tungstat tedavisinin diyabetin kalpte oluşturdugu mekanik ve iyonik deęişikliklere etkisi

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