

Prof. KAZİME GONCA AKBULUT

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: Z-2938-2019

ScopusID: 6602230193

Yoksis Researcher ID: 1981

Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Fizyoloji (Dr), Turkey 1998 - 2005

Expertise In Medicine, Gazi University, Tıp Fakültesi, Turkey 1994 - 1997

Undergraduate, Bursa Uludağ University, Tıp Fakültesi, Tıp Pr., Turkey 1982 - 1987

Foreign Languages

English, B1 Intermediate

Dissertations

Doctorate, Yaşlanma sürecinde mide mukozasında kaspaz-3 enzim aktivitesi ve melatoninin etkisi, Gazi University, Sağlık Bilimleri Enstitüsü, Fizyoloji (Dr), 2005

Expertise In Medicine, Melatoninin yaşlanma ile antioksidan mekanizmalar ve humoral immün sistem arasındaki ilişkiler üzerindeki etkisi, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 1997

Research Areas

Health Sciences

Academic Titles / Tasks

Professor, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2010 - Continues

Associate Professor, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2004 - 2010

Lecturer, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2000 - 2004

Research Assistant, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1994 - 1997

Academic and Administrative Experience

Bölüm Kalite Komisyonu Başkanı, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2020 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2020 - Continues
Birim Stratejik Plan Komisyonu Başkanı, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2020 - Continues
Performans Değerlendirme Komisyonu Üyesi, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2016 - Continues
Fakülte Akademik Kurul Üyesi, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2004 - Continues
Anabilim Dalı Akademik Kurul Üyesi, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2002 - Continues
Head of Department, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2020 - 2023
Ethics Committee Member, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2017 - 2019
Ethics Committee Member, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2012 - 2014
Yıl Koordinatörü, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2005 - 2006
Assistant Coordinator, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2004 - 2005

Courses

Genel Fizyoloji, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017
Yaşlanma Fizyolojisi, Doctorate, 2019 - 2020
Solunum Fizyolojisi, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2011 - 2012
İLERİ ENDOKRİN VE ÜREME SİSTEMİ, Undergraduate, 2019 - 2020
İleri solunum fizyolojisi, Doctorate, 2020 - 2021, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2011 - 2012
YAŞLANMA, Undergraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
Otonom Sinir Sistemi, Doctorate, 2018 - 2019, 2017 - 2018, 2015 - 2016
FİZYOLOJİ, Undergraduate, 2019 - 2020
Endokrin ve üreme fizyolojisi, Postgraduate, 2018 - 2019, 2016 - 2017
İleri endokrin ve üreme sistemi, Doctorate, 2016 - 2017
Pulmoner Gaz Dinamikleri, Doctorate, 2017 - 2018
Yenidoğan Fizyolojisi, Doctorate, 2016 - 2017

Advising Theses

Akbulut K. G., D-GALAKTOZ İLE İNDÜKLENMİŞ YAŞLANMA MODELİNDE GELİŞEN KARACİĞER FİBROZİSİNDE SIRT2 İNHİBİSYONUNUN ETKİSİ, Expertise In Medicine, A.NUR(Student), 2022
Akbulut K. G., Effect Of Agk-2 Administration On Apoptosis And Oxidative Stress İn Pancreatic Tissue During Aging Process, Doctorate, S.MURATOĞLU(Student), 2020
AKBULUT K. G., Investigation Of Cell Death Mechanisms In Aging Process, Doctorate, A.Keskin(Student), 2018
AKBULUT K. G., Yaşlanma sürecinde hücre ölüm mekanizmalarının araştırılması, Doctorate, A.KESKİN(Student), 2018
AKBULUT K. G., Gestasyonel diyabette insülin direncini etkileyen faktörlerin tükürük ve kan düzeylerinin belirlenmesi, Doctorate, A.BULUT(Student), 2015
AKBULUT K. G., The Effect Of Oxidative Stress In Testis Tissue Administration By Melatonin And Curcumin, Postgraduate, S.MURATOĞLU(Student), 2014
AKBULUT K. G., The relationship between oxidative stress and bcl-2 in hippocampus of older rats, Postgraduate, A.KESKİN(Student), 2013
AKBULUT K. G., Sirtuin activation of brain during aging process, Postgraduate, Ç.YAZICI(Student), 2012
AKBULUT K. G., Yaşlanma sürecinde pankreas dokusunda NOx, MDA, GSH düzeyleri ve melatoninin etkisi, Postgraduate, H.YÜZÜAK(Student), 2008
AKBULUT K. G., YAŞLANMA SÜRECİNDE PANKREAS DOKUSUNDA NOx, MDA, GSH DÜZEYLERİ ve MELATONİNİN ETKİSİ, Postgraduate, H.YÜZÜAK(Student), 2008

Akbulut K. G., Melatonin uygulamasının tavşan ağız yarasında oksidatif stres, ekstrasellüler matriks ve çinko ile etkileşimi, Doctorate, F.Karakaş(Student), 1998

Jury Memberships

Doctorate, Doctorate, Gazi Üniversitesi, February, 2024

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Hacettepe Üniversitesi, December, 2023

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, December, 2023

Award, Doktora Tez Ödülü, Gazi Üniversitesi, November, 2023

Doctorate, Doctorate, Hacettepe Üniversitesi, October, 2023

Expertise In Medicine, Expertise In Medicine, Zonguldak Bülent Ecevit Üniversitesi, August, 2023

Post Graduate, Post Graduate, Hacettepe Üniversitesi, May, 2023

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, May, 2023

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Karadeniz Teknik Üniversitesi, January, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, January, 2023

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, December, 2022

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Sağlık Bilimleri Üniversitesi, October, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Sağlık Bilimleri Üniversitesi, September, 2022

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Ankara Üniversitesi, September, 2022

Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, July, 2022

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Lokman Hekim Üniversitesi, July, 2022

Doctorate, Doctorate, Zonguldak Bülent Ecevit Üniversitesi, July, 2022

Doctorate, Doctorate, Ankara Üniversitesi, July, 2022

Post Graduate, Post Graduate, Başkent Üniversitesi, June, 2022

Doctorate, Doctorate, Gazi Üniversitesi, June, 2022

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, June, 2022

Post Graduate, Post Graduate, Zonguldak Bülent Ecevit Üniversitesi, June, 2022

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, June, 2022

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, June, 2022

Doctorate, Doctorate, Gazi Üniversitesi, May, 2022

Expertise In Medicine, Expertise In Medicine, Hacettepe Üniversitesi, April, 2022

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Gazi Üniversitesi, February, 2022

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, February, 2022

Doctorate, Doctorate, Hacettepe Üniversitesi, December, 2021

Award, TFBĐ Ulusal Fizyoloji Kongresi, Gazi University, November, 2021

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, September, 2021

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, September, 2021

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, September, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Atılım Üniversitesi, August, 2021

Doctorate, Doctorate, Atılım Üniversitesi, June, 2021

Post Graduate, Post Graduate, Gülhane Askeri Tıp Akademisi, June, 2021

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Lokman Hekim Üniversitesi, April, 2021

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Lokman Hekim Üniversitesi, April, 2021

Expertise In Medicine, Expertise In Medicine, Hacettepe Üniversitesi, February, 2021

Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, January, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, December, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Amasya Üniversitesi, December, 2020

Doctoral Examination, Doctoral Examination, Hacettepe Üniversitesi, September, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, August, 2020

Doctorate, Doctorate, Gazi Üniversitesi, July, 2020

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Gülhane Askeri Tıp Akademisi, February, 2020

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Amasya Üniversitesi, January, 2020

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, January, 2020

Post Graduate, Post Graduate, Zonguldak Bülent Ecevit Üniversitesi, January, 2020

Associate Professor Exam, Associate Professor Exam, Gaziantep Üniversitesi, August, 2019

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Balıkesir Üniversitesi, July, 2019

Doctorate, Doctorate, Hacettepe Üniversitesi, June, 2019

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

Appointment to Academic Staff-Professorship, Appointment Academic Staff, Gaziantep Üniversitesi, November, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Sağlık Bilimleri Üniversitesi, November, 2018

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Afyonkarahisar Sağlık Bilimleri Üniversitesi, June, 2018

Doctorate, Doctorate, Ankara Üniversitesi, June, 2018

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, December, 2017

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Akdeniz Üniversitesi, December, 2017

Doctorate, Doctorate, Gazi Üniversitesi, June, 2017

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, June, 2016

Doctorate, Doctorate, Hacettepe Üniversitesi, June, 2016

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Zonguldak Bülent Ecevit Üniversitesi, April, 2016

Appointment to Academic Staff-Professorship, Appointment Academic Staff, İstanbul Medeniyet Üniversitesi, January, 2016

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Giresun Üniversitesi, September, 2015

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Gazi Üniversitesi, June, 2015

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, April, 2015

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, August, 2014

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, August, 2014

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ankara Üniversitesi, April, 2014

Doctorate, Doctorate, Gazi Üniversitesi, October, 2013

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, June, 2013

Associate Professor Exam, Associate Professor Exam, Gazi Üniversitesi, June, 2013

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, June, 2013

Associate Professor Exam, Associate Professor Exam, İzmir Katip Çelebi Üniversitesi, April, 2013

Associate Professor Exam, Associate Professor Exam, İzmir Katip Çelebi Üniversitesi, April, 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Protective Effect of Pharmacological SIRT2 Inhibition on Renal Dysfunction, Fibrosis, TGF- β 1/ β -Catenin, and Klotho Signaling in D-Galactose-Induced Aging Model**
Keskin Aktan A., Bahar A. N., Sonugür F. G., Akarca Dizakar S. Ö., Akbulut K. G.
JOURNAL OF BIOLOGICAL REGULATORS AND HOMEOSTATIC AGENTS, vol.33, no.11, pp.6061-6072, 2023 (SCI-Expanded)
- II. **Effects of curcumin and melatonin treatment in the cerebral cortex of adult rats**
Yazici-Mutlu Ç., Keskin-Aktan A., Akbulut K. G.
General Physiology and Biophysics, vol.42, no.1, pp.49-57, 2023 (SCI-Expanded)
- III. **Exploring the Impact of AGK-2 Treatment on Sirtuin-2, Oxidative Stress and Apoptosis in Aged Pancreatic Tissue**
Muratoglu S. B., Aktan A. K., BABAHAN C., AKBULUT K. G.
ACTA PHYSIOLOGICA, vol.237, pp.27, 2023 (SCI-Expanded)
- IV. **Cerebellum and Oxidative Stress in Natural and Accelerated Aging Model**
Kavak H., BAHAR A. N., Aktan A. K., AKBULUT K. G.
ACTA PHYSIOLOGICA, vol.237, pp.61, 2023 (SCI-Expanded)
- V. **Effect of SIRT2 Inhibition on Developing Fibrosis in D-GalactoseInduced Aging Model**
BAHAR A. N., Aktan A. K., SONUGÜR F. G., Dizakar S. O. A., AKBULUT K. G.
ACTA PHYSIOLOGICA, vol.237, pp.22, 2023 (SCI-Expanded)
- VI. **Evaluation of the relationship between plasma viscosity and selected menopausal symptoms using the Menopause Rating Scale.**
Korkmaz H., Arslanca T., Tekin E., Kayabaşı B., Akbulut K. G.
Menopause (New York, N.Y.), vol.29, no.00, pp.1071-1076, 2022 (SCI-Expanded)
- VII. **SIRT2 and FOXO3a expressions in the cerebral cortex and hippocampus of young and aged male rats: antioxidant and anti-apoptotic effects of melatonin**
Keskin-Aktan A., Akbulut K. G., Abdi S., Akbulut H.
BIOLOGIA FUTURA, vol.73, no.1, pp.71-85, 2022 (SCI-Expanded)
- VIII. **The Effect of Curcumin Administration on Oxidative Stress in Thymus Tissue and Plasma in Aging**
Bahar A. N., Aktan A. K., Akbulut K. G.
ACTA PHYSIOLOGICA, vol.234, pp.65, 2022 (SCI-Expanded)
- IX. **Development of melatonin loaded pectin nanoparticles for the treatment of inflammatory bowel disease: In vitro and in vivo studies**
Yener S., Akbulut K. G., Karakuş R., Erdogan D., Acartürk F.
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.67, 2022 (SCI-Expanded)
- X. **The significance of blood and salivary oxidative stress markers and chemerin in gestational diabetes mellitus**
Bulut A., Akca G., Aktan A. K., Akbulut K. G., Babül A.
TAIWANESE JOURNAL OF OBSTETRICS & GYNECOLOGY, vol.60, no.4, pp.695-699, 2021 (SCI-Expanded)
- XI. **Melatonin, aging, and COVID-19: Could melatonin be beneficial for COVID-19 treatment in the elderly?**
Öztürk G., Akbulut K. G., Güney Ş.
Turkish Journal of Medical Sciences, vol.50, no.6, pp.1504-1512, 2020 (SCI-Expanded)
- XII. **Oxidative Stress and Sirtuin2 Changes in Different Parts of the Brain in Aging: Protective Effect of Melatonin**
Akbulut K. G., Aktan A. K., Abgarmi S. A., Akbulut H.
ACTA PHYSIOLOGICA, vol.227, pp.91, 2019 (SCI-Expanded)
- XIII. **The Effect of Salermide Administration on the Oxidative Stress in the Kidney Tissue During Aging**
Bahar A. N., Muratoglu S., Aktan A. K., Akbulut K. G.
ACTA PHYSIOLOGICA, vol.227, pp.120, 2019 (SCI-Expanded)
- XIV. **Investigation of the Effect of Curcumin Treatment on Total Oxidant and Total Antioxidant Status in**

The Gastrocnemius Muscle in Aged Rats

Aktan A. K., Karakas H., Oktem A., Akbulut K. G.

ACTA PHYSIOLOGICA, vol.227, pp.58, 2019 (SCI-Expanded)

- XV. **Assessment of the Blood and Salivary Level of Oxidative Stress and Insulin Resistance Factors in Gestational Diabetes Mellitus**
Bulut A., Akca G., Aktan A. K., Akbulut K. G., Babul A.
ACTA PHYSIOLOGICA, vol.227, pp.30, 2019 (SCI-Expanded)
- XVI. **The protective role of melatonin and curcumin in the testis of young and aged rats**
Muratoglu S., Dizakar O. S. A., Aktan A. K., Ömeroğlu S., Akbulut K. G.
ANDROLOGIA, vol.51, no.3, 2019 (SCI-Expanded)
- XVII. **Neuroprotective Effects of Sirt2 Inhibition In Aging**
Aktan A. K., AKBULUT K. G., AKBULUT H.
ACTA PHYSIOLOGICA, vol.225, pp.30, 2018 (SCI-Expanded)
- XVIII. **Age-Related Changes in the Oxidative Stress, Apoptosis, SIRT2 and Autophagy in the Cerebral Cortex: Protective Effects of Melatonin**
AKBULUT K. G., Keskin-Aktan A., Abgarmi S. A., AKBULUT H.
ACTA PHYSIOLOGICA, vol.225, pp.37, 2018 (SCI-Expanded)
- XIX. **The effects of melatonin and curcumin on the expression of SIRT2, Bcl-2 and Bax in the hippocampus of adult rats**
Keskin-Aktan A., Akbulut K. G., Yazici-Mutlu C., Sonugur G., Ocal M., Akbulut H.
BRAIN RESEARCH BULLETIN, vol.137, pp.306-310, 2018 (SCI-Expanded)
- XX. **Toluidine blue O modifies hippocampal amyloid pathology in a transgenic mouse model of Alzheimer's disease**
YÜKSEL M., BİBEROĞLU K., ÖNDER S., AKBULUT K. G., TACAL Ö.
BIOCHIMIE, vol.146, pp.105-112, 2018 (SCI-Expanded)
- XXI. **The Effects of Curcumin Administration on Hippocampal SIRT2, BCL-2, BAX And BIM Expressions in Young and Aged Rats**
Aktan A. K., AKBULUT K. G., AKBULUT H.
ACTA PHYSIOLOGICA, vol.221, pp.25-26, 2017 (SCI-Expanded)
- XXII. **Effects of phenothiazine-structured compounds on APP processing in Alzheimer's disease cellular model**
YÜKSEL M., BİBEROĞLU K., ÖNDER S., AKBULUT K. G., TACAL Ö.
BIOCHIMIE, vol.138, pp.82-89, 2017 (SCI-Expanded)
- XXIII. **The protective effect of vitamin D against carbon tetrachloride damage to the rat liver**
Ozerkan D., Ozsoy N., Akbulut K. G., Guney Ş., Ozturk G.
BIOTECHNIC & HISTOCHEMISTRY, vol.92, no.7, pp.513-523, 2017 (SCI-Expanded)
- XXIV. **EFFECTS OF AMINO GUANIDINE AND WOUND HEALING OF THE RABBIT ON PLASMA ANTIOXIDANT STATUS, PROTEIN OXIDATION, AND INFLAMMATION**
Karatas F., Yildirim Z., Akbulut K. G., Ozer Ç., Acarturk F., Erbas D.
OXIDATION COMMUNICATIONS, vol.39, no.4, pp.2938-2945, 2016 (SCI-Expanded)
- XXV. **The effects of aminoguanidine and wound healing of the rabbit on plasma antioxidant status, protein oxidation and inflammation**
Karataş F., Yıldırım Z., Akbulut K. G., Özer Ç., Acartürk F., Erbaş D.
Oxidation Communications, vol.39, no.4, pp.2938-2945, 2016 (SCI-Expanded)
- XXVI. **Histochemical observations on protective effects of melatonin against carbon tetrachloride (CCl₄) - induced hepatotoxicity**
ÖZERKAN D., ÖZSOY ERDAŞ N., AKBULUT K. G., GÜNEY Ş., ÖZTÜRK G.
ACTA PHYSIOLOGICA, vol.215, pp.131-132, 2015 (SCI-Expanded)
- XXVII. **The Effect of Melatonin, Curcumin and Salermide on Sirt2 expression Level of Hippocampus in Middle Aged Rats**
AKBULUT K. G., Aktan A. K., Mutlu C. Y., AKBULUT H.

- ACTA PHYSIOLOGICA, vol.215, pp.44, 2015 (SCI-Expanded)
- XXVIII. **The Effects of Curcumine on the Oxidative Stress in the Aged Rat Brain**
AKBULUT K. G., Aktan A. K., Mutlu C. Y.
ACTA PHYSIOLOGICA, vol.215, pp.65-66, 2015 (SCI-Expanded)
- XXIX. **The role of melatonin, sirtuin2 and FoXO1 transcription factor in the aging process of colon in male rats**
Akbulut K. G., Aktas S. H., Akbulut H.
BIOGERONTOLOGY, vol.16, no.1, pp.99-108, 2015 (SCI-Expanded)
- XXX. **Melatonin Delays Brain Aging by Decreasing the Nitric Oxide Level**
Akbulut K. G., Güney Ş., Cetin F., Akgun H. N., Aktas S. H., Akbulut H.
NEUROPHYSIOLOGY, vol.45, no.3, pp.187-192, 2013 (SCI-Expanded)
- XXXI. **The Effect of Intracerebroventricular Injection of Beta Amyloid Peptide (1-42) on Caspase-3 Activity, Lipid Peroxidation, Nitric Oxide and NOS Expression in Young Adult and Aged Rat Brain**
Cetin F., Yazlıhan N., Dincer S., Akbulut G.
TURKISH NEUROSURGERY, vol.23, pp.144-150, 2013 (SCI-Expanded)
- XXXII. **Comparison of Melatonin Effect on Oxidant Status and Antioxidant Capacity in Liver and Heart of Young and Aged Rats**
Güney Ş., Cumaoglu A., Öztürk G., Akbulut K. G., Karasu Ç.
INTERNATIONAL JOURNAL OF GERONTOLOGY, vol.7, no.1, pp.45-49, 2013 (SCI-Expanded)
- XXXIII. **Age-related changes in the rat brain mitochondrial antioxidative enzyme ratios: Modulation by melatonin**
Öztürk G., Akbulut K. G., Güney Ş., Acuna-Castroviejo D.
EXPERIMENTAL GERONTOLOGY, vol.47, no.9, pp.706-711, 2012 (SCI-Expanded)
- XXXIV. **Melatonin decreases apoptosis in gastric mucosa during aging**
AKBULUT K. G., AKBULUT H., Akgun N., Gonul B.
AGING CLINICAL AND EXPERIMENTAL RESEARCH, vol.24, no.1, pp.15-20, 2012 (SCI-Expanded)
- XXXV. **The protective effects of Ginkgo biloba extract (EGb-761) on radiation-induced dermatitis: An experimental study**
Yirmibesoglu E., Karahacioglu E., Kilic D., Lortlar N., Akbulut G., Omeroglu S.
Clinical and Experimental Dermatology, vol.37, no.4, pp.387-394, 2012 (SCI-Expanded)
- XXXVI. **The Effects of Aminoguanidine on the Antioxidant Mechanisms and Nitrate Levels in Incisional Oral Mucosal Wound Healing Process**
Karatas F., Akbulut K. G., Özer Ç., Acartürk F., Ömeroğlu S., Yildirim Z., Erbas D.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.36, pp.43-49, 2011 (SCI-Expanded)
- XXXVII. **Addition of adenoviral vector targeting of chemotherapy to the MUC-1/ecdCD40L VPPP vector prime protein boost vaccine prolongs survival of mice carrying growing subcutaneous deposits of Lewis lung cancer cells**
Akbulut H., Tang Y., Akbulut K. G., Maynard J., Deisseroth A.
GENE THERAPY, vol.17, no.11, pp.1333-1340, 2010 (SCI-Expanded)
- XXXVIII. **The role of melatonin on gastric mucosal cell proliferation and telomerase activity in ageing**
AKBULUT K. G., Gonul B., AKBULUT H.
JOURNAL OF PINEAL RESEARCH, vol.47, no.4, pp.308-312, 2009 (SCI-Expanded)
- XXXIX. **Exogenous melatonin decreases age-induced lipid peroxidation in the brain**
AKBULUT K. G., Gonul B., AKBULUT H.
BRAIN RESEARCH, vol.1238, pp.31-35, 2008 (SCI-Expanded)
- XL. **Chemotherapy targeted to cancer tissue potentiates antigen-specific immune response induced by vaccine for in vivo antigen loading and activation of dendritic cells**
AKBULUT H., Tang Y., AKBULUT K. G., Albert J. M., Deisseroth A.
MOLECULAR THERAPY, vol.16, no.10, pp.1753-1760, 2008 (SCI-Expanded)
- XLI. **Combination of vaccine with targeted chemotherapy reduced levels of CSC like (CD44(+))CD24(-) hematopoietic lineage negative {LIN-}) cells and improves outcome of cancer treatment**

Akbulut H., Tang Y., Akbulut K. G., Maynard J., Deisseroth A. B.

JOURNAL OF CLINICAL ONCOLOGY, vol.26, no.15, 2008 (SCI-Expanded)

- XLII. **Age-related changes in tissue and plasma zinc levels: Modulation by exogenously administered melatonin**
Oeztuerk G., AKBULUT K. G., Afrasyap L.
EXPERIMENTAL AGING RESEARCH, vol.34, no.4, pp.453-462, 2008 (SCI-Expanded)
- XLIII. **The effect of vaginal candidiasis on the levels of the oxidative biomarkers in plasma and tissue samples of diabetic rats**
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- AKBULUT K. G., BAHAR A. N., Project Supported by Higher Education Institutions, D-galaktoz ile indüklenmiş yaşlanma modelinde gelişen karaciğer fibrozisinde SIRT2 inhibisyonunun etkisi, 2021 - 2022
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Activities in Scientific Journals

TURKISH JOURNAL OF MEDICAL SCIENCES, Advisory Committee Member, 2016 - 2022

Memberships / Tasks in Scientific Organizations

Türk Fizyolojik Bilimler Derneği, Member of Science Committee, 2020 - Continues, Turkey

FEPS Federation of European Physiological Societies, Member, 2005 - Continues, Germany

INTERNATIONAL UNION of PHYSIOLOGICAL SCIENCES, Member, 2005 - Continues, United States Of America

Türk Fizyolojik Bilimler Derneği, Member, 1996 - Continues, Turkey

Scientific Refereeing

Project Supported by Higher Education Institutions, BAP Research Project, Zonguldak Bülent Ecevit University, Turkey, February 2024

BRAIN RESEARCH REVIEWS, Journal Indexed in SCI-E, November 2023

TÜBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gazi University, Turkey, June 2023

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RENAL FAILURE, Journal Indexed in SCI-E, March 2012

Scientific Consultations

GAZİ ÜNİVERSİTESİ, Scientific Consultancy, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, Turkey, 2017 - 2019

Tasks In Event Organizations

Akbulut K. G., Ağar E., Yılmaz B., Sayan Özaçmak H., 48. Ulusal Fizyoloji Kongresi, Scientific Congress, Sakarya, Turkey, Kasım 2023
Akbulut K. G., Ağar E., Sayan Özaçmak H., Türk Fizyolojik Bilimler Derneği 47. Ulusal Fizyoloji Kongresi 1 – 4 Kasım 2022, Antalya 1 Türk Fizyolojik Bilimler Derneği 47. Ulusal Fizyoloji Kongresi 1 – 4 Kasım 2022 Antalya, Scientific Congress, Antalya, Turkey, Kasım 2022
Akbulut K. G., 46 Ulusal Fizyoloji Kongresi, Scientific Congress, İstanbul, Turkey, Ekim 2021
Akbulut K. G., Dincer S., Özer Ç., Güney Ş., Öztürk G., Sevgili A. M., Yaşlanma Fizyolojisi Paneli, Scientific Congress, Ankara, Turkey, Haziran 2021
Akbulut K. G., Türk Fizyolojik Bilimler Derneği 35. Ulusal Fizyoloji Kongresi 30 Eylül- 3 Ekim 2009, Ankara, Scientific Congress, Ankara, Turkey, Ekim 2009
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Akbulut K. G., Nitrik Oksit organizmadaki Fonksiyon ve Önemi Sempozyumu, Scientific Congress, Ankara, Turkey, Mayıs 2004
Akbulut K. G., Stres Ülserinde EGF Formülasyonunun Etkinliklerinin Deney Hayvanlarında Gözlenmesi” Paneli, Scientific

Congress, Ankara, Turkey, Mayıs 1999

Metrics

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Congress and Symposium Activities

40.Ulusal Fizyoloji Kongresi, Panelists, Kayseri, Turkey, 2014

Stres Ülserinde EGF Formülasyonunun Etkinliklerinin Deney Hayvanlarında Gözlenmesi paneli, Panelists, Ankara, Turkey, 1999

Awards

Akbulut K. G., Gönül B., Mansiyon Ödülü , 29. Ulusal Fizyoloji Kongresi, , September 2003

Akbulut K. G., Kalkancı A., Gönül B., Kuştimur S., Bulduk E., . Prof. Dr Ekrem Kadri Unat Anısına En İyi Araştırma Belge,

4.Ulusal Mantar Hastalıklarıve Klinik Mikoloji Kongresi, May 2003

Akbulut K. G., Sayan H., Gönül B., Çelebi N., Special Poster Award of International Pharmaceutical Technology Symposium , International Pharmaceutical Technology Symposium , September 1998

Akbulut K. G., Gönül B., Çelebi N., Kaplan B., Türkyılmaz A., Hamdi AKTAN Poster Ödülü, Türk Gastroenteroloji Derneği , September 1997

Non Academic Experience

SAĞLIK BAKANLIĞI

Suşehri Verem Savaş Dispanseri