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Education Information

Doctorate, Gazi University, Sağlık Bilimleri Enstitüsü, Biyofizik (Dr), Turkey 2006 - 2011

Postgraduate, Gazi University, Sağlık Bilimleri Enstitüsü, Biyofizik (YI) (Tezli), Turkey 2003 - 2006

Undergraduate, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Physics, Turkey 1997 - 2002

Foreign Languages

French, B1 Intermediate

English, C1 Advanced

Certificates, Courses and Trainings

Quality Management, Kalite Eğitimleri, Gazi Üniversitesi, 2022

Vocational Training, Eğitimcilerin Eğitimi Kursu , Gazi Üniversitesi Tıp Fakültesi, 2017

Vocational Training, "Microscopy and Spectroscopy for Solving Problems in Biophysics at the Nanoscale", Mersin Üniversitesi Tıp Fakültesi, 2008

Vocational Training, "Advanced Topics in Cell Model Systems", CNR, The National Research Council, Rome, Italy., 2008

Dissertations

Doctorate, GSM-EDGE modülasyonlu radyo frekans alanların hepatosellüler karsinom hücrelerine etkileri, Gazi University, Sağlık Bilimleri Enstitüsü, Biyofizik (Dr), 2011

Postgraduate, Cep telefonu radyasyonunun farklı frekans-şiddetteki ses ile değişimi ve doku hidrokspirolin seviyesine etkisi, Gazi University, Sağlık Bilimleri Enstitüsü, Biyofizik (YI) (Tezli), 2005

Research Areas

Biophysics, Neurophysiology, Biological Spectroscopy, Cell Membrane and Liposomes, Molecular Biophysics, Neurobiophysics, Radiation Biophysics

Academic Titles / Tasks

Professor, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2023 - Continues

Associate Professor, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2017 - 2023

Academic and Administrative Experience

Rektörlük Kalite Komisyonu Üyesi, Gazi University, Tıp Fakültesi, Temel Tıp Bilimleri, 2023 - Continues

Manager of Research and Application Center, Gazi University, Rektörlük, Proje Koordinasyon Uygulama Araştırma Merkezi, 2022 - Continues

Assistant Manager of Research and Application Center, Gazi University, Rektörlük, Proje Koordinasyon Uygulama Araştırma Merkezi, 2022 - 2022

Ethics Committee Member, Gazi University, Tıp Fakültesi, Gazi University Clinical Research Ethics Committee, 2020 - 2021

Advising Theses

Özgür Büyükcatalay E., Özgüner H. M., Radyofrekans Uygulaması Yapılan Fare Meme Kanseri Modelinde Primer Tümör ve Metastazda Kisspeptin Düzeyinin İncelenmesi, Doctorate, S.Çelebi(Student), 2024

Özgür Büyükcatalay E., Tümörlü doku tespiti için pennes'in biyosı transfer yaklaşımıyla kan perfüzyon parametresinin tahmininde hibrit bir model: zaman domeninde sonlu farklar yöntemi ve sezgisel algoritmalar, Postgraduate, B.GÜRSU(Student), 2023

Özgür Büyükcatalay E., Investigation Of The Dna Repair Mechanisms Genes For The Adaptive Response Due To In Vivo Radio Frequency Field Application Against Genotoxic Damage Of Bleomycin , Doctorate, Y.KÜÇÜKBAĞRIÇIK(Student), 2021

Jury Memberships

Doctoral Examination, Doctoral Examination, Ankara Üniversitesi, July, 2024

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

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, May, 2022

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, May, 2022

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, May, 2022

Doctoral Examination, Doctoral Examination, Gazi Üniversitesi, May, 2022

Designed Courses And Trainings

Özgür Büyükcatalay E., TÜBİTAK 1001 Atölye Çalışması, June 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- Development of a safety protocol for training and using SARS-CoV-2 detection dogs: A Pilot Study.**
Demirbas Y. S., Kismali G., Saral B., Sareyyüpoğlu B., Habiloğlu A. D., Öztürk H., Baş B., Özvardar T., Alpays M., İnce N., et al.

Journal of veterinary behavior : clinical applications and research : official journal of : Australian Veterinary Behaviour Interest Group, International Working Dog Breeding Association, vol.60, pp.79-88, 2023 (SCI-Expanded)

- II. **Is Diagnostic Performance of SARS-CoV-2 Detection Dogs Reduced -due to Virus Variation- Over the Time?**
Özgür Büyükkatalay E., Salgırlı Demirbaş Y., Bozdayı G., Kısmalı G., İlhan M. N.
APPLIED ANIMAL BEHAVIOUR SCIENCE AN INTERNATIONAL SCIENTIFIC JOURNAL REPORTING ON THE APPLICATION OF ETHOLOGY TO ANIMALS USED BY MAN, vol.258, pp.1-6, 2023 (SCI-Expanded)
- III. **Effects of radiofrequency radiation on apoptotic and antiapoptotic factors in colorectal cancer cells**
Gökçen S., Kurt B., Küçükbağrıaçık Y., Özgür Büyükkatalay E., Kısmalı G.
ELECTROMAGNETIC BIOLOGY AND MEDICINE, vol.41, no.3, pp.325-334, 2022 (SCI-Expanded)
- IV. **Investigation of oxidative damage, antioxidant balance, DNA repair genes, and apoptosis due to radiofrequency-induced adaptive response in mice.**
Kucukbagriacik Y., Dastouri M., Ozgur-Buyukatalay E., Akarca Dizakar O., Yegin K.
Electromagnetic biology and medicine, vol.41, pp.389-401, 2022 (SCI-Expanded)
- V. **Short-term exposure to radiofrequency radiation and metabolic enzymes' activities during pregnancy and prenatal development**
TOMRUK A., ÖZGÜR BÜYÜKATALAY E., Ozturk G., Ulusu N. N.
ELECTROMAGNETIC BIOLOGY AND MEDICINE, vol.41, no.4, pp.370-378, 2022 (SCI-Expanded)
- VI. **Effects of radiofrequency radiation on colorectal cancer cell proliferation and inflammation**
Özgür Büyükkatalay E., Kayhan H., Kısmalı G., Senturk F., Sensoz M., Ozturk G., Sel T.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.46, no.5, pp.525-532, 2021 (SCI-Expanded)
- VII. **The Effects of 2100 MHz Radio Frequency Radiation on Thyroid Tissues**
Tuncal S., Onalan A. K., Aydogan F., Unsal V., Yumusak N., Buyukatalay E., Ozturk G., Seyhan N., Celepli S., Devrim E., et al.
WEST INDIAN MEDICAL JOURNAL, vol.69, no.1, pp.51-55, 2021 (SCI-Expanded)
- VIII. **Neurodegenerative changes and apoptosis induced by intrauterine and extrauterine exposure of radiofrequency radiation**
GÜLER ÖZTÜRK G., ÖZGÜR BÜYÜKATALAY E., KELEŞ H., TOMRUK A., VURAL S., Seyhan N.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.75, pp.128-133, 2016 (SCI-Expanded)
- IX. **The 2100 MHz radiofrequency radiation of a 3G-mobile phone and the DNA oxidative damage in brain**
Sahin D., ÖZGÜR BÜYÜKATALAY E., GÜLER ÖZTÜRK G., TOMRUK A., ÜNLÜ İ., SEPİCİ DİNÇEL A., Seyhan N.
JOURNAL OF CHEMICAL NEUROANATOMY, vol.75, pp.94-98, 2016 (SCI-Expanded)
- X. **GSM-like radiofrequency exposure induces apoptosis via caspase-dependent pathway in infant rabbits**
Meral O., Ozgur E., Kısmalı G., Guler G., Alpay M., Sel T., Seyhan N.
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.117, no.11, pp.672-676, 2016 (SCI-Expanded)
- XI. **The effects of 2100-MHz radiofrequency radiation on nasal mucosa and mucociliary clearance in rats**
Aydogan F., Aydin E., Koca G., ÖZGÜR BÜYÜKATALAY E., ATİLLA P., Tuzuner A., Demirci S., TOMRUK A., Ozturk G., Seyhan N., et al.
INTERNATIONAL FORUM OF ALLERGY & RHINOLOGY, vol.5, no.7, pp.626-632, 2015 (SCI-Expanded)
- XII. **The effects of N-acetylcysteine and epigallocatechin-3-gallate on liver tissue protein oxidation and antioxidant enzyme levels after the exposure to radiofrequency radiation**
ÖZGÜR BÜYÜKATALAY E., Sahin D., TOMRUK A., GÜLER ÖZTÜRK G., SEPİCİ DİNÇEL A., Altan N., Seyhan N.
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, vol.91, no.2, pp.187-193, 2015 (SCI-Expanded)
- XIII. **The effect of 2100 MHz radiofrequency radiation of a 3G mobile phone on the parotid gland of rats**
Aydogan F., ÜNLÜ İ., Aydin E., YUMUŞAK N., DEVRİM E., Samim E. E., ÖZGÜR BÜYÜKATALAY E., Unsal V., TOMRUK A., Ozturk G., et al.

AMERICAN JOURNAL OF OTOLARYNGOLOGY, vol.36, no.1, pp.39-46, 2015 (SCI-Expanded)

- XIV. **Mobile Phone Radiation Alters Proliferation of Hepatocarcinoma Cells**
ÖZGÜR BÜYÜKATALAY E., GÜLER ÖZTÜRK G., KISMALI G., Seyhan N.
CELL BIOCHEMISTRY AND BIOPHYSICS, vol.70, no.2, pp.983-991, 2014 (SCI-Expanded)
- XV. **Effects of Prenatal and Postnatal Exposure to GSM-Like Radiofrequency on Blood Chemistry and Oxidative Stress in Infant Rabbits, an Experimental Study**
ÖZGÜR BÜYÜKATALAY E., KISMALI G., GÜLER ÖZTÜRK G., Akcay A., Ozkurt G., SEL T., Seyhan N.
CELL BIOCHEMISTRY AND BIOPHYSICS, vol.67, no.2, pp.743-751, 2013 (SCI-Expanded)
- XVI. **The influence of 1800 MHz GSM-like signals on blood chemistry and oxidative stress in non-pregnant and pregnant rabbits**
KISMALI G., ÖZGÜR BÜYÜKATALAY E., GÜLER ÖZTÜRK G., Akcay A., SEL T., Seyhan N.
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, vol.88, no.5, pp.414-419, 2012 (SCI-Expanded)
- XVII. **The effect of radiofrequency radiation on DNA and lipid damage in female and male infant rabbits**
GÜLER ÖZTÜRK G., TOMRUK A., ÖZGÜR BÜYÜKATALAY E., Sahin D., SEPİCİ DİNÇEL A., Altan N., Seyhan N.
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, vol.88, no.4, pp.367-373, 2012 (SCI-Expanded)
- XVIII. **Mutagenic and morphologic impacts of 1.8 GHz radiofrequency radiation on human peripheral blood lymphocytes (hPBLs) and possible protective role of pre-treatment with Ginkgo biloba (EGb 761)**
EŞMEKAYA M. A., Aytakin E., ÖZGÜR BÜYÜKATALAY E., GÜLER ÖZTÜRK G., ERGÜN M. A., ÖMEROĞLU S., Seyhan N.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.410, pp.59-64, 2011 (SCI-Expanded)
- XIX. **APOPTOSIS RESULTED FROM RADIOFREQUENCY RADIATION EXPOSURE OF PREGNANT RABBITS AND THEIR INFANTS**
GÜLER ÖZTÜRK G., ÖZGÜR BÜYÜKATALAY E., KELEŞ H., TOMRUK A., VURAL S., Seyhan N.
BULLETIN OF THE VETERINARY INSTITUTE IN PULAWY, vol.55, no.1, pp.127-134, 2011 (SCI-Expanded)
- XX. **Mobile phone radiation-induced free radical damage in the liver is inhibited by the antioxidants n-acetyl cysteine and epigallocatechin-gallate**
Ozgur E., Guler G., Seyhan N.
INTERNATIONAL JOURNAL OF RADIATION BIOLOGY, vol.86, no.11, pp.935-945, 2010 (SCI-Expanded)
- XXI. **The effect of radiofrequency radiation on DNA and lipid damage in non-pregnant and pregnant rabbits and their newborns**
GÜLER ÖZTÜRK G., TOMRUK A., Ozgur E., Seyhan N.
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.29, no.1, pp.59-66, 2010 (SCI-Expanded)
- XXII. **Protein oxidation under extremely low frequency electric field in guinea pigs. Effect of N-acetyl-L-cysteine treatment**
GÜLER ÖZTÜRK G., Turkozer Z., ÖZGÜR BÜYÜKATALAY E., TOMRUK A., Seyhan N., KARASU Ç.
GENERAL PHYSIOLOGY AND BIOPHYSICS, vol.28, no.1, pp.47-55, 2009 (SCI-Expanded)
- XXIII. **Antioxidants alleviate electric field-induced effects on lung tissue based on assays of heme oxygenase-1, protein carbonyl content, malondialdehyde, nitric oxide, and hydroxyproline**
Gueler G., Tuerkoezer Z., ÖZGÜR BÜYÜKATALAY E., Seyhan N.
SCIENCE OF THE TOTAL ENVIRONMENT, vol.407, no.4, pp.1326-1332, 2009 (SCI-Expanded)
- XXIV. **The Evaluation of Epigallocatechin Gallate and N-Acetylcysteine on Serum Testosterone Levels in Male Guinea Pigs Exposed to Cell Phone Microwave**
KISMALI G., ÖZGÜR BÜYÜKATALAY E., Sayiner S., Alpaslan B., GÜLER ÖZTÜRK G., Seyhan N., SEL T.
JOURNAL OF ANIMAL AND VETERINARY ADVANCES, vol.8, no.6, pp.1149-1151, 2009 (SCI-Expanded)
- XXV. **The Effects of Epigallocatechin Gallate and N-Acetylcysteine on Mobile Phone-Induced Oxidative Stress in Guinea Pigs**
KISMALI G., ÖZGÜR BÜYÜKATALAY E., Sayiner S., Alpaslan B., GÜLER ÖZTÜRK G., Seyhan N., SEL T.
JOURNAL OF ANIMAL AND VETERINARY ADVANCES, vol.8, no.5, pp.959-961, 2009 (SCI-Expanded)

- I. **Nöroşirürjide Yapay Zekâ ve Gelecek**
TÖNGE Ç., EMRAHOĞLU M. E., OĞUZ E., İNAM O., ÖZGÜR BÜYÜKATALAY E.
Türk Nöroşirürji Dergisi, vol.32, no.2, pp.136-141, 2022 (Peer-Reviewed Journal)
- II. **Yeni Nesil Cep Telefonu Frekansları ve Biyolojik Etkileri**
ÖZGÜR BÜYÜKATALAY E., KÜÇÜKBAĞRIÇIK Y.
Genel Tıp Dergisi, vol.31, no.3, pp.309-312, 2021 (Peer-Reviewed Journal)
- III. **The impact of 3G mobile phone base station radiation on 14-3-3 family proteins in hepatocellular carcinoma cell line**
MERAL Ö., PEKCAN M., ÖZGÜR BÜYÜKATALAY E., KISMALI G., DEMİRKIRAN D., GÜLER ÖZTÜRK G., SEYHAN H. N.
Turkish Journal of Clinics and Laboratory, vol.9, no.2, pp.87-91, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Non – Thermal Effects and Mechanisms of Interaction Between Electromagnetic Fields and Living Matter, An ICEMS Monograph, National Institute for the Study and Control of Cancer and Environmental Diseases**
SEYHAN H. N., GÜLER ÖZTÜRK G., KURSUN A. G., SİRAN B., ÖZGÜR BÜYÜKATALAY E., TÜYSÜZ M. Z.
in: Non Thermal Effects and Mechanisms of Interaction Between Electromagnetic Fields and Living Matter An ICEMS Monograph National Institute for the Study and Control of Cancer and Environmental Diseases, L. Giuliani and M. Soffritti, Editor, Mattioli1885 spa, Fidenza, pp.319-322, 2010

Refereed Congress / Symposium Publications in Proceedings

- I. **Effects Of Radiofrequency Radiation And Magnetic Nanoparticles On Proliferation And Apoptosis Of Human Chronic Lymphocytic Leukemia Cell Line**
Gökçen S., Kayhan H., Taspınar E., Özgür Büyükatlay E., Yağcı A. M.
The 4th Immuno-Oncology World Congress, Frankfurt, Germany, 4 - 05 December 2023, pp.20
- II. **HYPERTHERMIC EFFECTS ON HEALTHY FIBROBLAST AND LEUKEMIA CELLS**
Kayhan H., Gökçen S., Şimşek Taşpınar E., Özgür Büyükatlay E.
4th International 33rd National Biophysics Congress 2022, Adıyaman, Turkey, 31 August - 03 September 2022, pp.79
- III. **Wilson Merkezi Terminal Potansiyelinin Ekstremitte ve Prekordiya Derivasyonlara Etkisinin Belirlenmesi Üzerine Görüntü İşlemeye Dayalı Algoritmik Bir Modelleme Önerisi**
Gürsu B., Özgür Büyükatlay E.
32. Biyofizik Kongresi, 17 - 19 November 2021, pp.64-65
- IV. **Mor Ötesi Işımanın Covid-19 Virüs İnaktivasyonu Üzerine Etkileri Gözde NARİN, Elçin ÖZGÜR BÜYÜKATALAY, Yasemin SALGIRLI DEMİRBAŞ, Görkem KISMALI, Aykut ÖZKUL**
Narin G., Özgür Büyükatlay E., Salgırlı Demirbaş Y., Kısmalı G., Özkul A.
32. Ulusal Biyofizik Kongresi, 17 - 19 November 2021, pp.61
- V. **"Finite Difference Time Domain (Ftdt) Application for Tissue- Thermal Analysis Based on Pennes' Bioheat Equation in Electromagnetic Energy Exposure**
Gürsu B., Özgür Büyükatlay E.
Hamidiye International Student Congress 2021 (HISCON 2021), 23 - 26 July 2021, pp.105
- VI. **The role of NF-kB inflammatory response of RFR-exposed colon cancer cell lines.**
Şentürk F., Özgür Büyükatlay E., Kısmalı G., Sel T., Güler Öztürk G.
International 30th Annual Biophysics Congress, Muğla, Turkey, 10 - 13 October 2018
- VII. **The role of NF-kB and p-SAPK/JNK inflammatory responses of RFR- exposed colon cancer cells.**
ŞENTÜRK F., ÖZGÜR BÜYÜKATALAY E., KISMALI G., SEL T., GÜLER ÖZTÜRK G.
BioEM2018, 24 - 29 June 2018

- VIII. **Radiofrequency radiation (RFR) induces Bad, p-Bad activation leading to cell apoptosis on DLD1 human colon carcinoma cell lines.**
ÖZGÜR BÜYÜKATALAY E., ŞENTÜRK F., KISMALI G., SEL T., GÜLER ÖZTÜRK G.
BioEM2018, 24 - 29 June 2018
- IX. **THE EFFECT OF SHORT TERM AND LONG TERM EXPOSURES TO 3G-MOBILE PHONE RADIATION ON DETOXIFICATION ORGANS OF WISTAR RATS**
TOMRUK A., TURAL R., ÖZGÜR BÜYÜKATALAY E., SEPİCİ DİNÇEL A., GÜLER ÖZTÜRK G.
ULUSLARARASI BİYOKİMYA KONGRESİ 2017, 19 - 23 September 2017
- X. **THE EFFECTS OF SHORT TERM AND LONG TERM EXPOSURES TO 3G-MOBILE PHONE RADIATION ON DETOXIFICATION ORGANS OF WISTAR RATS**
TOMRUK A., TURAL R., ÖZGÜR BÜYÜKATALAY E., SEPİCİ DİNÇEL A., GÜLER ÖZTÜRK G.
Uluslararası Biyokimya Kongresi, Turkey, 19 - 23 September 2017, pp.36
- XI. **Kolorektal Kanser Hücrelerinde Radyofrekans Alanların Tümör Baskılayıcı Gen Proteinlerine Etkisi**
ÖZGÜR BÜYÜKATALAY E., KISMALI G., SEL T., GÜLER ÖZTÜRK G.
28-29. Ulusal Biyofizik Kongresi (Uluslararası Katılımlı), İstanbul, Turkey, 6 - 09 September 2017, pp.42
- XII. **The effects of 2100 MHz UMTS modulated mobile phone radiation on estrogen metabolism in MCF 7 and HGF 1 cells in vitro**
ÖZGÜR BÜYÜKATALAY E., ATEŞ K., OĞUR R., GÜLER ÖZTÜRK G., SEYHAN H. N.
BIOEM 2016, 5 - 10 June 2016, pp.97
- XIII. **Farklı Elektromanyetik Alanlara Maruz Bırakılan Allium sativum L. Bitkisinde Meydana Gelen Bazı Biyokimyasal ve Genetik Değişimlerin İncelenmesi**
ÇETE S., ÖZGÜR BÜYÜKATALAY E., demirtaş g.
7. Ulusal Kimya Öğrenci Kongresi, 17 May 2016
- XIV. **Farklı Elektromanyetik Alanlara Maruz Bırakılan Allium cepa L. Bitkisinde Meydana Gelen Bazı Biyokimyasal ve Genetik Değişimlerin İncelenmesi**
ÇETE S., ÖZGÜR BÜYÜKATALAY E., demirtaş g.
7. Ulusal Kimya Öğrenci Kongresi, 17 May 2016
- XV. **Uzun dönem cep telefonu maruziyetinin ratlarda beyin dokusu DNA hasarı üzerine etkileri**
ÖZGÜR BÜYÜKATALAY E., ŞAHİN D., GÜLER ÖZTÜRK G., TOMRUK A., ÜNLÜ İ., SEPİCİ DİNÇEL A., SEYHAN H. N.
27. Ulusal Biyokimya Kongresi, 3 - 06 November 2015, vol.40
- XVI. **Uzun Dönem Cep Telefonu Maruziyetinin Ratlarda Beyin Dokusu DNA Hasarı Üzerine Etkileri**
ÖZGÜR BÜYÜKATALAY E., ŞAHİN D., GÜLER ÖZTÜRK G., TOMRUK A., ÜNLÜ İ., SEPİCİ DİNÇEL A., SEYHAN H. N.
XXVII. Ulusal Biyokimya Kongresi, Antalya, Turkey, 3 - 06 November 2015, pp.40
- XVII. **Radyo Frekans Alanların Hamileler Yeni Doğanlar ve Çocuklar Üzerinde Oluşturabileceği Sağlık Etkileri ve Alınması Gereken Önlemler**
GÜLER ÖZTÜRK G., ÖZGÜR BÜYÜKATALAY E.
Elektromanyetik Alanlar ve Etkileri, EMANET 2015, Mersin, Turkey, 13 - 15 October 2015
- XVIII. **Anne Karnında Radyo Frekans Radyasyona Maruziyet ile Tetiklenen Nörodejeneratif Değişimler ve Apoptoz**
GÜLER ÖZTÜRK G., ÖZGÜR BÜYÜKATALAY E., TOMRUK A., KELEŞ H., VURAL ATALAY S., SEYHAN H. N.
27. Ulusal Biyofizik Kongresi, Turkey, 29 September - 03 October 2015, pp.138-139
- XIX. **Kanser Tanı Ve Tedavisinde Düşük Seviyeli Elektromanyetik Alanlar**
ÖZGÜR BÜYÜKATALAY E., GÜLER ÖZTÜRK G., KISMALI G., TOMRUK A.
27. Ulusal Biyofizik Kongresi, Mersin, Turkey, 29 September - 03 October 2015, pp.53-55
- XX. **3G Cep Telefonu 2100 MHz Radyofrekans Radyasyonun Sıçanların Parotis Bezine Etkisi**
AYDOĞAN F., ÜNLÜ İ., AYDIN E., YUMUŞAK N., DEVRİM E., SAMİM E., ÖZGÜR BÜYÜKATALAY E., UNSAL V., TOMRUK A., GÜLER ÖZTÜRK G., et al.
11. Uluslararası Kulak Burun Boğaz ve Baş Boyun Cerrahisi Kongresi, Ankara, Turkey, 17 - 19 April 2014, pp.30
- XXI. **Sıçanlarda 2100 MHz frekanslı Radyofrekans Radyasyonun Nazal Mukoza ve Mukosiler Klirens Üzerine Etkileri**
AYDOĞAN F., AYDIN E., ÖZGÜR BÜYÜKATALAY E., ATILLA P., TÜZÜNER A., DEMİRCİ Ş., TOMRUK A., GÜLER ÖZTÜRK

G., SEYHAN H. N., KORKMAZ M., et al.

11. Uluslararası Kulak Burun Boğaz ve Baş Boyun Cerrahisi Kongresi, Ankara, Turkey, 17 - 19 April 2014, pp.41

XXII. **The Influence of 1800 MHz GSM like signals on blood chemistry and oxidative stress in non pregnant and pregnant rabbits**

SEYHAN H. N., KISMALI G., ÖZGÜR BÜYÜKATALAY E., GÜLER ÖZTÜRK G., AKÇAY A., SEL T.

BIOEM2013, Thessaloniki, Greece, 10 - 14 June 2013, pp.88

XXIII. **Effects of ginkgo biloba EGb 761 treatment on 2.1 GHz microwave radiation induced mutagenicity in human lymphocytes**

EŞMEKAYA M. A., AYTEKİN E., ÖZGÜR BÜYÜKATALAY E., GÜLER ÖZTÜRK G., ERGÜN M. A., SEYHAN H. N.

4th International Congress on Cell Membranes and Oxidative Stress: Focus on Calcium Signaling and TRP Channels, 26 - 29 June 2012

XXIV. **Modülasyonlu Radyofrekans Radyasyon uygulamasının İnsan Kan Lenfositleri üzerindeki Mutagenetik Etkileri**

EŞMEKAYA M. A., ERGÜN M. A., ÖZGÜR BÜYÜKATALAY E., GÜLER ÖZTÜRK G., ÖMEROĞLU S., SEYHAN H. N.

22. Ulusal Biyofizik Kongresi, Turkey, 28 September - 01 October 2010

Supported Projects

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Kayhan H., Kismalı G., Özgür Büyükatalay E., Kurt B., Emergency R&D Project of Group A, Kronik Lenfositik Lösemide MDM2/MDMX ifadesinin RF alan maruziyeti altında ALRN-6924 hedef molekülüyle engellenmesi (Proje No:21259), 2023 - 2024

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Activities in Scientific Journals

Journal of Gazi University Health Sciences Institute, GUHES, Publication Committee Member, 2021 - Continues

Memberships / Tasks in Scientific Organizations

Türk Biyofizik Derneği, Board Member, 2018 - 2023, Turkey

Scientific Refereeing

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

TUBITAK Project, 2237 - Program for Supporting Project Training Activities, Gazi University, Turkey, November 2023

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Tasks In Event Organizations

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Medicine, July 2021

Non Academic Experience

Paris Sud Univesritesi Gustave Roassy Cancer Enstitusu