

Assoc. Prof. Mehtap KARA

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAD-3363-2019

Yoksis Researcher ID: 179220

Education Information

Doctorate, Istanbul University, Health Sciences Institute, Farmasötik Toksikoloji, Turkey 2011 - 2016

Postgraduate, Istanbul University, Health Sciences Institute, Tıbbi Biyoloji, Turkey 2006 - 2009

Undergraduate, Istanbul University, Cerrahpaşa Tıp Fakültesi, Tıbbi Biyolojik Bilimler, Turkey 2002 - 2006

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Education Management and Planning, Deney Hayvanları Uygulama ve Etik Kursu, İ.Ü.DETAE, 2012

Other, Advanced Toxicology Course, EUROTOX, 2011

Education Management and Planning, Merkezefendi Geleneksel Tıp Derneği Fitoterapi Kursu, Zeytinburnu Tıbbi Bitkiler-Botanik Birimi, 2009

Dissertations

Doctorate, ANABOLİK ANDROJENİK STEROİD STANZOLOLÜN SIÇAN KALP DOKUSUNDA APOPTOZ MEKANİZMASI ÜZERİNE ETKİSİ, Istanbul University, Faculty of Pharmacy , Farmasötik Toksikoloji A.D, 2016

Postgraduate, KASPAZ-9 PROMOTÖR BÖLGE POLİMORFİZMLERİ VE OVARYUM KANSERİ ARASINDAKİ İLİŞKİ, Istanbul University, Health Sciences Institute, Tıbbi Biyoloji, 2007

Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Toxicology

Academic Titles / Tasks

Research Assistant PhD, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2016 - Continues

Research Assistant, Istanbul University, Faculty of Pharmacy , Department of Professional Pharmaceutical Sciences, 2011 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of the miRNA levels changes to acceptable daily intake dose pesticide mixture exposure on rat mesentery and pancreas**
Sevim C., Tsatsakis A., TAGHIZADEHGHAEHJOUGHİ A., ÖZKARACA M., KARA M., GENÇ S., Mendil A. S., Yeni Y., Nikolouzakı T. K., ÖZÇAĞLI E.
Chemosphere, vol.349, 2024 (SCI-Expanded)
- II. **An in vitro analysis of an innovative standardized phospholipid carrier-based *Melissa officinalis* L. extract as a potential neuromodulator for emotional distress and related conditions**
KARA M., Sahin S., Rabbani F., ÖZTAŞ E., HASBAL ÇELİKOK G., KANİMDAN E., KOÇYİĞİT A., Kanwal A., Wade U., Yakunina A., et al.
Frontiers in Molecular Biosciences, vol.11, 2024 (SCI-Expanded)
- III. **INVESTIGATION OF THE EFFECTS OF METFORMIN ON THE miR-21/PTEN/Akt PATHWAY IN HT-29 HUMAN COLORECTAL ADENOCARCINOMA CELL AND HUVEC CO-CULTURE**
Sevim C., TAGHIZADEHGHAEHJOUGHİ A., KARA M., Nosyrev A. E., Nişulescu G. M., Margină D., Tsatsakis A.
Farmacia, vol.72, no.1, pp.60-65, 2024 (SCI-Expanded)
- IV. **Evaluation of the effect of different particle sizes of Mannitol on dissolution and tablet properties in the framework of QbD Dissolution Technologies**
Mesut B., Pirinçci Tok Y., Alkan B., Al-Mohaya M., Kara M., Erginer Y.
DISSOLUTION TECHNOLOGIES, vol.2, no.1, pp.1, 2023 (SCI-Expanded)
- V. **Reproductive Effects of *S. boulardii* on Sub-Chronic Acetamiprid and Imidacloprid Toxicity in Male Rats**
Sevim Ç., AKPINAR E., Aksu E. H., ÖMÜR A. D., YILDIRIM S., KARA M., BOLAT İ., Tsatsakis A., Mesnage R., Golokhvast K. S., et al.
Toxics, vol.11, no.2, 2023 (SCI-Expanded)
- VI. **The possible “calming effect” of subchronic supplementation of a standardised phospholipid carrier-based *Melissa officinalis* L. extract in healthy adults with emotional distress and poor sleep conditions: results from a prospective, randomised, double-blinded, placebo-controlled clinical trial**
Bano A., Hepsomali P., Rabbani F., Farooq U., Kanwal A., Saleem A., Bugti A. A., Khan A. A., Khalid Z., Bugti M., et al.
Frontiers in Pharmacology, vol.14, 2023 (SCI-Expanded)
- VII. **Zoledronic acid-induced oxidative damage and endoplasmic reticulum stress-mediated apoptosis in human embryonic kidney (HEK-293) cells**
Kara M., Boran T., Öztaş E., Jannuzzi A. T., Özden S., Özhan G.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.36, no.8, 2022 (SCI-Expanded)
- VIII. **The sesquiterpenoid valerenic acid protects neuronal cells from the detrimental effects of the fungicide benomyl on apoptosis and DNA oxidation**
KARA M., ÖZTAŞ E., Boran T., Sevim C., Keskin S. E., Veskoukis A. S., Kuzmin S., Tsatsakis A. M.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.41, 2022 (SCI-Expanded)
- IX. **Investigation of the Effects of Probiotics on Sub-Chronic Neonicotinoid Toxicity in Rats**
Sevim C., AKPINAR E., Tsatsakis A., YILDIRIM S., Tzatzarakis M., Vardavas A. I., Vardavas C. I., Kara M., Gul Z.
AGRONOMY-BASEL, vol.11, no.10, 2021 (SCI-Expanded)
- X. **Apoptosis is induced by sub-acute exposure to 3-MCPD and glycidol on Wistar Albino rat brain cells**
Sevim C., ÖZKARACA M., Kara M., ULAŞ N., Mendil A. S., Margina D., Tsatsakis A.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.87, 2021 (SCI-Expanded)
- XI. **Cellular stress pathways are linked to acetamiprid-induced apoptosis in sh-sy5y neural cells**

ÖZTAŞ E., KARA M., BORAN T., Bişirir E., Karaman E. F., KAPTAN E., ÖZHAN G.

Biology, vol.10, no.9, 2021 (SCI-Expanded)

- XII. **Benomyl induced oxidative stress related DNA damage and apoptosis in H9c2 cardiomyoblast cells**
Mehtap K., Ezgi O., Tugce B., Fatma K. E., Gul O.
TOXICOLOGY IN VITRO, vol.75, 2021 (SCI-Expanded)
- XIII. **Ameliorative Effects of the Sesquiterpenoid Valerenic Acid on Oxidative Stress Induced in HepG2 Cells after Exposure to the Fungicide Benomyl**
Kara M., Oztas E., Boran T., Karaman E. F., Veskoukis A. S., Tsatsakis A. M.
ANTIOXIDANTS, vol.10, no.5, 2021 (SCI-Expanded)
- XIV. **Stanozolol administration combined with exercise leads to decreased telomerase activity possibly associated with liver aging**
Ozcagli E., Kara M., Kotil T., Fragkiadaki P., Tzatzarakis M. N., TSITSIMPIKOU C., Stivaktakis P. D., Tsoukalas D., Spandidos D. A., Tsatsakis A. M., et al.
INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, vol.42, no.1, pp.405-413, 2018 (SCI-Expanded)
- XV. **Celastrol ameliorates acetaminophen-induced oxidative stress and cytotoxicity in HepG2 cells**
Jannuzzi A. T., Kara M., Alpertunga B.
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.37, no.7, pp.742-751, 2018 (SCI-Expanded)
- XVI. **Effects of stanozolol on apoptosis mechanisms and oxidative stress in rat cardiac tissue**
Kara M., Ozcagli E., Kotil T., Alpertunga B.
STEROIDS, vol.134, pp.96-100, 2018 (SCI-Expanded)
- XVII. **Determination of DNA damage and telomerase activity in stanozolol-treated rats**
Kara M., Ozcagli E., Fragkiadaki P., Kotil T., Stivaktakis P. D., Spandidos D. A., Tsatsakis A. M., Alpertunga B.
EXPERIMENTAL AND THERAPEUTIC MEDICINE, vol.13, no.2, pp.614-618, 2017 (SCI-Expanded)
- XVIII. **Effects of prochloraz on DNA damage, lipid peroxidation and antioxidant system in vitro**
Alpertunga B., Kara M., Abudayyak M. F., Oztas E., Ozden S., Ozhan G.
TOXICOLOGY MECHANISMS AND METHODS, vol.24, no.4, pp.268-275, 2014 (SCI-Expanded)
- XIX. **Associations between the functional polymorphisms in the ABCB1 transporter gene and colorectal cancer risk: a case-control study in Turkish population**
Ozhan G., Kara M., Sari F. M., Yanar H. T., Ercan G., Alpertunga B.
TOXICOLOGY MECHANISMS AND METHODS, vol.23, no.4, pp.235-239, 2013 (SCI-Expanded)
- XX. **Influence of the Functional Polymorphisms in the Organic Anion Transporting Polypeptide 1B1 in the Susceptibility to Colorectal Cancer**
Ozhan G., Kara M., Sari F. M., Yanar H. T., Alpertunga B.
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.17, no.3, pp.214-218, 2013 (SCI-Expanded)
- XXI. **Acute Pancreatitis Is Associated with Ser608Leu iNOS Polymorphism**
Ozhan G., Sari F. M., Vefai M., Yanar H. T., Alpertunga B.
FOLIA BIOLOGICA, vol.58, no.6, pp.256-260, 2012 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Role of Endoplasmic Reticulum Stress in Cell Injury Induced by Methimazole on Pancreatic Cells**
Yazıcı Ö., Kara M., Boran T., Özhan G.
ADVANCED PHARMACEUTICAL BULLETIN, vol.13, no.1, pp.196-201, 2023 (ESCI)
- II. **Zoledronik Asit Maruziyetinin Sinir Hücresi Üzerine Etkisinin SH-SY5Y Nöroblastoma Hücrelerinde Değerlendirilmesi**
Kara M.
TURK OSTEOPOROZ DERGISI-TURKISH JOURNAL OF OSTEOPOROSIS, vol.2022, no.28, pp.153-157, 2022 (ESCI)
- III. **EVALUATION OF PTEN AND PI3K/AKT EXPRESSIONS IN STANOZOLOL-TREATED RAT KIDNEYS**
Kotil T., SEVİM Ç., Kara M.
JOURNAL OF ISTANBUL FACULTY OF MEDICINE-ISTANBUL TIP FAKULTESİ DERGISI, 2022 (ESCI)

- IV. **Can probiotics win the battle against environmental endocrine disruptors?**
Sevim Ç., Kara M.
Arhiv za farmaciju , vol.71, no.1, pp.565-580, 2021 (Scopus)
- V. **Effects of chlorpyrifos-methyl, chlormequat, deltamethrin, glyphosate, pirimiphos-methyl, tebuconazole and their mixture on oxidative stress and toxicity in HUVEC cell line**
Sevim C., TAGHIZADEHGHAALEHJOUGH A., Kara M.
ISTANBUL JOURNAL OF PHARMACY, vol.51, no.2, pp.183-190, 2021 (ESCI)
- VI. **Antibacterial And Anticarcinogenic Evaluation Of Commercial Calendula Officinalis And Taraxacum Officinale**
ARİF A. K., ÖZGER H., CANSEVER K., KARA M., YILMAZ F. N., ÖZBEK ÇELİK B.
International Journal Of Pharmacognosy, vol.7, no.11, pp.322-325, 2020 (Peer-Reviewed Journal)
- VII. **Acetamiprid-induced Cyto- and Genotoxicity in the AR42J Pancreatic Cell Line**
Kara M., Oztas E., Ozhan G.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.17, no.5, pp.474-479, 2020 (ESCI)
- VIII. **In Vitro Investigation of the Effects of Imidacloprid on AChE, LDH, and GSH Levels in the L-929 Fibroblast Cell Line**
Sevim C., TAGHIZADEHGHAALEHJOUGH A., Kara M.
TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, vol.17, no.5, pp.506-510, 2020 (ESCI)
- IX. **In-vitro evaluation of aflatoxin-B1 and fumonisin-B1 cellular stress effects on SH-SY5Y cell line**
Kara M., Öztaş E.
Medicine Science, vol.9, no.2, pp.492-495, 2020 (Peer-Reviewed Journal)
- X. **Benomyl, a benzimidazole fungicide, induces oxidative stress and apoptosis in neural cells.**
Kara M., Oztas E., Ramazanoğulları R., Kouretas D., Nepka C., Tsatsakis A., Veskoukis A.
Toxicology reports, vol.7, pp.501-509, 2020 (ESCI)
- XI. **In-Vitro Investigation of the Cytotoxic and Genotoxic Effects of Benzimidazole Group Pesticides Benomyl and Carbendazim**
KARA M., JANNUZZI A. T., Yön Ş.
HSOA Journal of Toxicology: Current Research, no.3, pp.1-6, 2019 (Peer-Reviewed Journal)
- XII. **Analytical approach to the waste management of nanomaterials in developing countries**
ERDOĞAN Ö. N., KARA M.
Frontiers in Drug, Chemistry and Clinical Research, vol.2, no.1, pp.1-5, 2019 (Peer-Reviewed Journal)
- XIII. **A Toxicological Aspect on Pepper Spray: Mini Review**
ÖZTAŞ E., KARA M.
Biomedical Journal of Scientific and Technical Research, vol.10, no.4, pp.1-2, 2018 (Peer-Reviewed Journal)
- XIV. **Anabolik Androjenik Steroidler ve Kötüye Kullanımları**
ALPERTUNGA B., KARA M.
Türkiye Klinikleri Adli Tıp Dergisi, no.1, pp.9-15, 2015 (Peer-Reviewed Journal)
- XV. **Oxidative stress mediated cardiac apoptosis**
Kara M., Ozcagli E., Jannuzzi A. T., Alpertunga B.
ISTANBUL JOURNAL OF PHARMACY, vol.45, no.2, pp.217-232, 2015 (ESCI)

Books & Book Chapters

- I. **The Importance of Golgi Organelle in Toxicology**
KARA M.
in: INSAC Advances in Health Sciences, Doç. Dr. Mehmet Dalkılıç, Editor, Duvar Yayınları, pp.87-97, 2021
- II. **Reproductive Toxicity of Insecticides**
Kara M., Öztaş E.
in: Animal Reproduction in Veterinary Medicine, Faruk Aral, Rita Payan-Carreira, Miguel Quaresma, Editor, Intech Open Horizons Publishing Company, London, pp.1-10, 2021

III. Endoplasmic Reticulum Stress-Mediated Cell Death

KARA M., ÖZTAŞ E.

in: Programmed Cell Death, Gali-Muhtasib H., Editor, Intech Open Horizons Publishing Company, Londra, pp.1-14, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **Production of antioxidant cream from vegetable and fruit peel residues within the scope of protecting nature and sustainability**
Karapınar Arif A., Işık D., Kara M., Yılmaz F. N., Hasbal Çelikok G.
6th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2023), Ankara, Turkey, 11 - 13 October 2023, pp.1
- II. **Antibacterial and anticarcinogenic evaluation of commercial *Calendula officinalis* and *Taraxacum officinale***
ARİF A. K., ÖZGER H., CANSEVER K., KARA M., ÖZBEK ÇELİK B., YILMAZ F. N.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), 19 - 20 March 2020
- III. **MYCOTOXIN INDUCED NEUROTOXICITY AND CELLULAR STRESS MECHANISMS**
KARA M., GEZEN AK D., Şengül B.
International Multidisciplinary Symposium on Drug Research and Development 2019 (DRD 2019), Malatya, Turkey, 1 - 03 July 2019, pp.154-157
- IV. **Gene drives with CRISPR & CAS-9 technology in agriculture and ethical issues**
Kara M., Akbal Dağıstan Ö., Erdoğan Ö. N.
International İVEK BIO Congress, İstanbul, Turkey, 26 - 28 November 2018, pp.70-72
- V. **In-Vitro Toxicity Evaluation of Neonicotinoid Insecticide Acetamiprid on AR-42J Pancreatic Cell Line**
KARA M., ÖZTAŞ E., ÖZHAN G.
ISOPS-12, Ankara, Turkey, 26 - 29 June 2018, pp.112
- VI. **Analytical Approach To The Waste Management Of Nanomaterials In Developing Countries**
Kara M., Erdoğan Ö. N.
international eurasian conference on biological and chemical sciences, Ankara, Turkey, 26 - 27 April 2018, pp.188-195
- VII. **Determination of Stanolozol's Effects on Apoptosis Mechanism via Oxidative Stress in Rat Cardiac Tissue**
KARA M., ÖZÇAĞLI E., KOTİL T., ALPERTUNGA B.
ATAVET 1.Uluslararası Katılımlı Öğrenci Kongresi, Erzurum, Turkey, 18 - 20 October 2017, pp.1
- VIII. **Evaluation of tumorigenic proteins in stanolozol treated rat kidney**
KOTİL T., Sevim Ç., KARA M., ÖZÇAĞLI E., ALPERTUNGA B.
13th Multinational Congress on Microscopy, Rovinj, Croatia, 24 - 29 September 2017, pp.387-389
- IX. **Benzimidazol Grubu Pestisitlerden Benomil ve Metaboliti Karbendazim'in Sitotoksik ve Genotoksik Etkilerinin İnVitro Koşullarda Araştırılması**
Yön Ş., KARA M., ÖZÇAĞLI E., JANNUZZI A. T., ALPERTUNGA B.
3. Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 26 - 29 April 2017, pp.761
- X. **Immunohistochemistry analysis and TERT- PTEN protein expressions in Stanolozol exposure.**
ÖZÇAĞLI E., KARA M., KOTİL T., ALPERTUNGA B.
The Society of Toxicology 56th Annual Meeting in Baltimore, Maryland, ABD., Baltimore, United States Of America, 12 - 16 March 2017, pp.153
- XI. **Determination of stanolozol's effects on apoptosis mechanisms via oxidative stress in rat cardiac tissue**
Kara M., Ozcagli E., Kotil T., Alpertunga B.
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016,

vol.283, pp.67

- XII. **EFFECTS OF STANZOLOL ON OXIDATIVE STRESS PARAMETERS**
KARA M., ÖZÇAĞLI E., ALPERTUNGA B.
TURKHELTOX 2015, İzmir, Turkey, 21 - 24 October 2015, pp.1
- XIII. **CANNABINOID RECEPTOR 1 (CNR1) POLYMORPHISMS REGULATE ILLICIT DRUG AND ALCOHOL ADDICTION**
KARA M., JANNUZZI A. T., ALPERTUNGA B.
International Symposium on Advances in Predictive & Personalized Medicine, İstanbul, Turkey, 2 - 03 April 2015, pp.37
- XIV. **Doping Drugs and Oxidative Stress.**
KARA M., ALPERTUNGA B.
Fifth European Workshop on Lipid Mediators, İstanbul, Turkey, 23 - 24 October 2014, pp.1
- XV. **Discussing Apoptosis Under Toxicology**
KARA M., ALPERTUNGA B.
Uluslararası Katılımlı 1.Hücre Ölümü Araştırma Kongresi, İzmir, Turkey, 1 - 04 November 2013, pp.1-2
- XVI. **Is CYP2C9 polymorphism associated with colorectal cancer risk?**
VEFAİ KARA M., ALPERTUNGA B., ÖZHAN G.
48th Congress of the European Societies of Toxicology, Sweden, 1 - 04 June 2013, pp.3
- XVII. **Impact of OATP1B1 variants on colorectal cancer**
ALPERTUNGA B., VEFAİ KARA M., Sarı F. M., ÖZHAN G.
48th Congress of the European Societies of Toxicology, Sweden, 1 - 04 June 2013, pp.2
- XVIII. **iNOS polymorphism and the risk of acute pancreatitis**
VEFAİ KARA M., ALPERTUNGA B.
12th Iranian Congress of Toxicology, Iran, 1 - 04 May 2013, pp.1
- XIX. **Pepper Spray: Less-Than-Lethal Inflammatory Agent**
ÖZTAŞ E., VEFAİ KARA M., ALPERTUNGA B.
8. Uluslararası Katılımlı Türk Toksikoloji Derneği Kongresi, Antalya, Turkey, 1 - 04 November 2012, pp.82-83
- XX. **Interaction between MDR1 variants and risk for colorectal cancer.**
ALPERTUNGA B., VEFAİ KARA M., ÖZHAN G.
SOT Annual Meeting and Tox. Expo 2012, United States Of America, 1 - 04 March 2012, pp.1
- XXI. **Caspase-9 promoter polymorphisms and ovary cancer**
KARA M., ÖZTÜRK SEZGİN M.
9. Third International Symposium on Molecular Technology. Manipulation of Cell Pathways in Drug Development, Tahrán, Iran, 5 - 07 May 2009, pp.1
- XXII. **Survivin expression in STZ treated newborn rat endocrine pancreas**
DAĞISTANLI F., KARA M., ÖZTÜRK SEZGİN M.
15th ECDO Euroconference on Apoptosis, Portoroz, Slovenia, 26 - 31 October 2007, pp.1

Supported Projects

ÖZÇAĞLI E., KARA M., KOTİL T., ALPERTUNGA B., Project Supported by Higher Education Institutions, Immunohistochemistry analysis and TERT PTEN protein expressions in Stanozolol exposure, 2017 - 2017

ÖZÇAĞLI E., ALPERTUNGA B., KARA M., Project Supported by Higher Education Institutions, Stanozolol Maruziyetin Sıçan Lenfositleri Üzerinde DNA Hasarı Oluşturma Potansiyeli Açısından Araştırılması, 2016 - 2017

ÖZÇAĞLI E., KARA M., ALPERTUNGA B., Project Supported by Higher Education Institutions, Anabolik Androjenik Steroid Stanozolol'un Sıçan Karaciğer Dokusunda Telomeraz Aktivitesi ve PTEN, hTERT Gen Ekspresyonları Üzerine Etkisi, 2015 - 2016

ALPERTUNGA B., KARA M., Project Supported by Higher Education Institutions, ANABOLİK ANDROJENİK STEROİD STANZOLOLÜN SIÇAN KALP DOKUSUNDA APOPTOZ MEKANİZMASI ÜZERİNE ETKİSİ, 2013 - 2016

Memberships / Tasks in Scientific Organizations

Türk Toksikoloji Derneği, Member, 2017 - Continues

Scientific Refereeing

Marmara Pharmaceutical Journal, National Scientific Refreed Journal, November 2017

Toxicology Reports, Other Indexed Journal, November 2017

Metrics

Publication: 61

Citation (WoS): 139

Citation (Scopus): 148

H-Index (WoS): 7

H-Index (Scopus): 8

Congress and Symposium Activities

IX. Aziz Sancar DETAE Günleri, Attendee, İstanbul, Turkey, 2017

ATAVET 1. uluslararası Katılımlı Öğrenci Kongresi, Attendee, Erzurum, Turkey, 2017

5. Kök Hücre Sempozyumu, Attendee, İstanbul, Turkey, 2016

TURKHELTOX congress, Attendee, İzmir, Turkey, 2015

International Symposium on Advances in Predictive & Personalized Medicine, Attendee, İSTANBUL, Turkey, 2015

Fifth European Workshop on Lipid Mediators., Attendee, İSTANBUL, Turkey, 2014

Deneyisel Tasarım ve Ön Biyoistatistik sempozyumu., Attendee, İSTANBUL, Turkey, 2014

Uluslararası Katılımlı 1.Hücre Ölümü Araştırma Kongresi, Attendee, İZMİR, Turkey, 2013

12th Iranian Congress of Toxicology, Attendee, SARİ, Iran, 2013

TOKSİSİTE TEST SİSTEMLERİ UYGULAMALI EĞİTİM PROGRAMI, Attendee, İSTANBUL, Turkey, 2013

EUROTOX, Advanced Toxicology Course, Attendee, İZMİR, Turkey, 2012

8. ULUSLARARASI KATILIMLI TÜRK TOKSİKOLOJİ DERNEĞİ KONGRESİ, Attendee, ANTALYA, Turkey, 2012

II. Merck Millipore Akademisi Semineri, Attendee, İSTANBUL, Turkey, 2012

İnce Karalar Olympus Mikroskopi Semineri, Attendee, İSTANBUL, Turkey, 2012

İnce Karalar Eppendorf Pipet Semineri, Attendee, İSTANBUL, Turkey, 2012

EUROTOX Congress, Attendee, STOCKHOLM, Sweden, 2012

İ.Ü. Hayvan Deneyleri Yerel Etik Kurulu Deney Hayvanları Kullanım Kursu, Attendee, İSTANBUL, Turkey, 2012

QIAGEN SABioscience PCR Array Semineri, Attendee, İSTANBUL, Turkey, 2012

Third International Symposium on Molecular Technology. Manipulation of Cell Pathways in Drug Development, Attendee, TAHRAN, Iran, 2009

Programlı Hücre Ölümü Sempozyumu, Attendee, İSTANBUL, Turkey, 2008

Uygulamalı Temel Hücre Kültürü Teknikleri Kursu, Attendee, ANKARA, Turkey, 2008

X. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Attendee, ANTALYA, Turkey, 2007

Apoptozis, Hastalıklarla İlişkisi ve Güncel Belirleme Yöntemleri Kursu, Attendee, İZMİR, Turkey, 2006

31st FEBS Congress, Molecules in Health and Disease, Attendee, İSTANBUL, Turkey, 2006

Deney Hayvanları Uygulama ve Etik Kursu., Attendee, İSTANBUL, Turkey, 2005

I. Tıbbi Biyolojik Bilimler Kongresi ve IV. Tıbbi Biyolojik Bilimler Öğrenci Sempozyumu, Attendee, İSTANBUL, Turkey, 2005