

Asst. Prof. Ünsal Veli ÜSTÜNDAĞ

Personal Information

Email: uvustundag@medipol.edu.tr

Web: <https://avesis.medipol.edu.tr/uvustundag>

International Researcher IDs

ORCID: 0000-0003-0804-1475

ScopusID: 56786320800

Yoksis Researcher ID: 321485

Education Information

Doctorate, Marmara University, Sağlık Bilimleri Enstitüsü, Biyokimya (Dr) (Eczacılık), Turkey 2018 - 2021

Postgraduate, Marmara University, Sağlık Bilimleri Enstitüsü, Biyokimya (YI) (Tezli) (Eczacılık), Turkey 2012 - 2017

Undergraduate, Balıkesir University, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, Turkey 2005 - 2010

Dissertations

Doctorate, Farklı dalga boylarında ışık yayan diyotların pankreas gelişimi ve beta hücre fonksiyonları üzerine etkileri, Marmara University, Sağlık Bilimleri Enstitüsü, Biyokimya (Dr) (Eczacılık), 2021

Postgraduate, Di-2-etilhekzifitalat ve bisfenol A 'xxnın zebra balığı embriyosu gelişimi ve bazı WNT- β katenin sinyal yolu proteinlerinin ekspresyonu üzerine etkilerinin araştırılması, Marmara University, Sağlık Bilimleri Enstitüsü, Biyokimya (YI) (Tezli) (Eczacılık), 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Diethylhexyl phthalate exposure amplifies oxidant and inflammatory response in fetal hyperglycemia model predisposing insulin resistance in zebrafish embryos**
Kaplan G., Beler M., Ünal I., Karagöz A., Eğilmezer G., ÜSTÜNDAĞ Ü. V., CANSIZ D., ALTURFAN A. A., ALTURFAN E. I.
Toxicology and Industrial Health, vol.40, no.5, pp.232-243, 2024 (SCI-Expanded)
- II. **Toothpastes for children and their detergent contents affect molecular mechanisms of odontogenesis in zebrafish embryos**
Karaman G. E., Ünal İ., Beler M., Üstündağ F. D., CANSIZ D., ÜSTÜNDAĞ Ü. V., ALTURFAN E. I., Akyüz S.
Drug and Chemical Toxicology, vol.47, no.1, pp.15-25, 2024 (SCI-Expanded)
- III. **Quercetin/polyethyleneimine modified gold nanoconjugates inhibit apoptosis and ROS production induced by hydrogen peroxide in DRG sensory neurons**
ÖZÇİÇEK İ., BAYDAŞ G., ERİM Ü. C., ÜSTÜNDAĞ Ü. V.
Journal of Pharmaceutical Sciences, 2024 (SCI-Expanded)
- IV. **The effect of acetic acid-induced pain in Parkinson's disease model in zebrafish**
CANSIZ D., Unal I., Beler M., ÜSTÜNDAĞ Ü. V., AK E., ALTURFAN E. I., ALTURFAN A. A.
NeuroToxicology, vol.99, pp.14-23, 2023 (SCI-Expanded)
- V. **Identification of molecular network of gut-brain axis associated with neuroprotective effects of PPAR δ -ligand erucic acid in rotenone-induced Parkinson's disease model in zebrafish**
Ünal İ., CANSIZ D., Sürmen M. G., Sürmen S., SEZER Z., Beler M., ÜSTÜNDAĞ Ü. V., GÜZEL MEYDANLI E. E.,

ALTURFAN A. A., ALTURFAN E. I.

European Journal of Neuroscience, vol.57, no.4, pp.585-606, 2023 (SCI-Expanded)

- VI. **Morphine ameliorates pentylenetetrazole-induced locomotor pattern in zebrafish embryos; mechanism involving regulation of opioid receptors, suppression of oxidative stress, and inflammation in epileptogenesis**
Üstündağ F. D., Ünal İ., ÜSTÜNDAĞ Ü. V., CANSIZ D., Beler M., ALTURFAN A. A., MEGA TİBER P., ALTURFAN E. I.
Toxicology Mechanisms and Methods, vol.33, no.2, pp.151-160, 2023 (SCI-Expanded)
- VII. **3-Pyridinylboronic Acid Ameliorates Rotenone-Induced Oxidative Stress Through Nrf2 Target Genes in Zebrafish Embryos**
Üstündağ F. D., Ünal İ., ÜSTÜNDAĞ Ü. V., CANSIZ D., Beler M., Karagöz A., Kara Subaşat H., ALTURFAN A. A., MEGA TİBER P., ALTURFAN E. I.
Neurochemical Research, vol.47, no.6, pp.1553-1564, 2022 (SCI-Expanded)
- VIII. **Amelioration of rotenone-induced alterations in energy/redox system, stress response and cytoskeleton proteins by octanoic acid in zebrafish: A proteomic study**
Sürmen M. G., Sürmen S., CANSIZ D., Ünal İ., ÜSTÜNDAĞ Ü. V., ALTURFAN A. A., Büyükkayhan D., ALTURFAN E. I.
Journal of Biochemical and Molecular Toxicology, vol.36, no.5, 2022 (SCI-Expanded)
- IX. **Rifampicin decreases neuroinflammation to maintain mitochondrial function and calcium homeostasis in rotenone-treated zebrafish**
YURTSEVER İ., ÜSTÜNDAĞ Ü. V., Ünal İ., Ateş P. S., ALTURFAN E. I.
Drug and Chemical Toxicology, vol.45, no.4, pp.1544-1551, 2022 (SCI-Expanded)
- X. **Stevioside ameliorates hyperglycemia and glucose intolerance, in a diet-induced obese zebrafish model, through epigenetic, oxidative stress and inflammatory regulation**
Dandin E., ÜSTÜNDAĞ Ü. V., Ünal İ., Ateş-Kalkan P. S., CANSIZ D., Beler M., AK E., ALTURFAN A. A., ALTURFAN E. I.
Obesity Research and Clinical Practice, vol.16, no.1, pp.23-29, 2022 (SCI-Expanded)
- XI. **Morphine attenuates neurotoxic effects of MPTP in zebrafish embryos by regulating oxidant/antioxidant balance and acetylcholinesterase activity**
Cansız D., ÜSTÜNDAĞ Ü. V., Ünal İ., ALTURFAN A. A., ALTURFAN E. I.
Drug and Chemical Toxicology, vol.45, no.6, pp.2439-2447, 2022 (SCI-Expanded)
- XII. **Quantitative phosphoproteomics to resolve the cellular responses to octanoic acid in rotenone exposed zebrafish**
Sürmen M. G., Sürmen S., Cansız D., Ünal İ., ÜSTÜNDAĞ Ü. V., ALTURFAN A. A., ALTURFAN E. I.
Journal of Food Biochemistry, vol.45, no.10, 2021 (SCI-Expanded)
- XIII. **Caprylic acid ameliorates rotenone induced inflammation and oxidative stress in the gut-brain axis in Zebrafish**
Cansız D., Ünal İ., ÜSTÜNDAĞ Ü. V., ALTURFAN A. A., Altinoz M. A., ÇELİK Y., ALTURFAN E. I.
Molecular Biology Reports, vol.48, no.6, pp.5259-5273, 2021 (SCI-Expanded)
- XIV. **Methylnitrosourea, dimethylbenzanthracene and benzoapyrene differentially affect redox pathways, apoptosis and immunity in zebrafish**
Eğimezer G., ÜSTÜNDAĞ Ü. V., Ateş P., Ünal İ., Üstündağ F., ALTURFAN A. A., ALTURFAN E. I., Altinoz M., ÇELİK Y.
Human and Experimental Toxicology, vol.39, no.7, pp.920-929, 2020 (SCI-Expanded)
- XV. **Neuroprotective effects of mitoquinone and oleandrin on Parkinson's disease model in zebrafish**
Ünal İ., Çalışkan-Ak E., ÜSTÜNDAĞ Ü. V., Ateş P. S., ALTURFAN A. A., Altinoz M. A., ÇELİK Y., ALTURFAN E. I.
International Journal of Neuroscience, vol.130, no.6, pp.574-582, 2020 (SCI-Expanded)
- XVI. **Oxidative stress and apoptosis in electromagnetic waves exposed Zebrafish embryos and protective effects of conductive nonwoven fabric**
ÜSTÜNDAĞ Ü. V., ÖZEN M. S., Ünal İ., Ateş P. S., ALTURFAN A. A., Akalin M., SANCAK E., ALTURFAN E. I.
Cellular and Molecular Biology, vol.66, no.1, pp.70-75, 2020 (SCI-Expanded)
- XVII. **The Effects of Calorie Restriction and Exercise on Age-Related Alterations in Corpus Cavernosum**
MACİT Ç., ÜSTÜNDAĞ Ü. V., Dagdeviren O. C., Mercanoglu G., Sener G.
Frontiers in Physiology, vol.11, 2020 (SCI-Expanded)
- XVIII. **Wnt pathway: A mechanism worth considering in endocrine disrupting chemical action**

ÜSTÜNDAĞ Ü. V., ALTURFAN E. I.

Toxicology and Industrial Health, vol.36, no.1, pp.41-53, 2020 (SCI-Expanded)

- XIX. **3-Pyridinylboronic acid normalizes the effects of 1-Methyl-4-phenyl-1,2,3,6-tetrahydropyridine exposure in zebrafish embryos**
Üstündağ F. D., Ünal İ., Cansız D., ÜSTÜNDAĞ Ü. V., Subaşıat H. K., ALTURFAN A. A., MEGA TİBER P., ALTURFAN E. I.
Drug and Chemical Toxicology, pp.1-8, 2020 (SCI-Expanded)
- XX. **White LED Light Exposure Inhibits the Development and Xanthophore Pigmentation of Zebrafish Embryo**
ÜSTÜNDAĞ Ü. V., Çalıskan-Ak E., Ateş P. S., Ünal İ., Eğilmez G., YİĞİTBAŞI T., Ata Alturfan A., ALTURFAN E. I.
Scientific Reports, vol.9, no.1, 2019 (SCI-Expanded)
- XXI. **Rotenone impairs oxidant/antioxidant balance both in brain and intestines in zebrafish**
Ünal İ., ÜSTÜNDAĞ Ü. V., Ateş P. S., Eğilmez G., ALTURFAN A. A., YİĞİTBAŞI T., ALTURFAN E. I.
International Journal of Neuroscience, vol.129, no.4, pp.363-368, 2019 (SCI-Expanded)
- XXII. **Assessment of dental caries and salivary nitric oxide levels in children with dyspepsia**
Aksit-Bicak D., ALTURFAN E. I., ÜSTÜNDAĞ Ü. V., Akyuz S.
BMC Oral Health, vol.19, no.1, 2019 (SCI-Expanded)
- XXIII. **Evaluation of nitric oxide levels in chronic periodontitis patients treated with initial periodontal therapy and probiotic food supplements: a double blind, randomized controlled clinical trial**
Kuka G. I., Gursoy H., ALTURFAN E. I., ÜSTÜNDAĞ Ü. V., Kuru B.
Biotechnology and Biotechnological Equipment, vol.33, no.1, pp.974-979, 2019 (SCI-Expanded)
- XXIV. **Methylparaben induces malformations and alterations on apoptosis, oxidant-antioxidant status, ccnd1 and myca expressions in zebrafish embryos**
Ateş P. S., Ünal İ., ÜSTÜNDAĞ Ü. V., ALTURFAN A. A., YİĞİTBAŞI T., ALTURFAN E. I.
Journal of Biochemical and Molecular Toxicology, vol.32, no.3, 2018 (SCI-Expanded)
- XXV. **Evaluation of the interaction between proliferation, oxidant-antioxidant status, Wnt pathway, and apoptosis in zebrafish embryos exposed to silver nanoparticles used in textile industry**
ERYILMAZ O., Ateş P. S., Ünal İ., ÜSTÜNDAĞ Ü. V., Bay S., ALTURFAN A. A., YİĞİTBAŞI T., ALTURFAN E. I., Akalın M.
Journal of Biochemical and Molecular Toxicology, vol.32, no.1, 2018 (SCI-Expanded)
- XXVI. **Bisphenol A and di(2-ethylhexyl) phthalate exert divergent effects on apoptosis and the Wnt/ β -catenin pathway in zebrafish embryos: A possible mechanism of endocrine disrupting chemical action**
ÜSTÜNDAĞ Ü. V., Ünal İ., Ateş P. S., ALTURFAN A. A., YİĞİTBAŞI T., ALTURFAN E. I.
Toxicology and Industrial Health, vol.33, no.12, pp.901-910, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **The Impact of Serums Calcium 25-Hydroxy Vitamin D, Ferritin, Uric Acid, and Sleeping Disorders on Benign Paroxysmal Positional Vertigo Patients**
BENER A., Erdoğan A., ÜSTÜNDAĞ Ü. V.
Audiology Research, vol.14, no.4, pp.640-648, 2024 (ESCI)
- II. **The Biocompatibility of a Ginger-Containing Herbal Toothpaste on Developing Zebrafish Embryos**
Meseli S., Ustundag Ü. V., Ates P., Unal I., Alturfan E.
JOURNAL OF DENTISTRY INDONESIA, vol.30, no.2, pp.115-120, 2023 (ESCI)
- III. **Chard extract increased gastric sialic acid and ameliorated oxidative stress in valproic acid-administered rats**
ALEV B., TUNALI S., ÜSTÜNDAĞ Ü. V., İPEKÇİ H., ALTURFAN E. E., AKBAY T. T., YANARDAG R., YARAT A.
Food and Health, vol.9, no.2, pp.139-147, 2023 (Scopus)
- IV. **Tissue Factor and Vascular Endothelial Growth Factor in Detecting Thromboembolic Complications in Diabetic Atherosclerotic Patients**
Bozkaya T. A., Ateş Ş., ÜSTÜNDAĞ Ü. V., ÇAKICI Ç., KESKİN İ., YİĞİT P., Yiğitbaşı A., Emekli N.

Clinical Medicine Insights: Circulatory, Respiratory and Pulmonary Medicine, vol.17, 2023 (ESCI)

- V. **Stevioside Improves Brain Oxidant-Antioxidant Status in Overfed Zebrafish**
Dandin E., Unal I., Beler M., ÜSTÜNDAĞ Ü. V., CANSIZ D., Kalkan P. S. A., ALTURFAN E. I.
European Journal of Biology, vol.82, no.2, pp.258-262, 2023 (Scopus)
- VI. **The Effect of Different Storage Conditions on The Migration of Chemicals from Polyethylene Terephthalate and Polycarbonate Bottles to Water**
SEYHAN G., ÜSTÜNDAĞ Ü. V., ÜNAL İ., ATEŞ P. S., CANSIZ D., ALTURFAN E. E., ALTURFAN A. A.
EXPERIMED, vol.12, no.2, pp.74-79, 2022 (Peer-Reviewed Journal)
- VII. **THE RELATIONS OF DIABETES, TRACE ELEMENT, OXIDATIVE STRESS, AND HOMOCYSTEINE IN PATIENTS UNDERGONE OFF-PUMP CORONARY ARTERY BYPASS SURGERY**
ALKAN BOZKAYA T., ÜSTÜNDAĞ Ü. V., ATEŞ M. Ş., ÜLFER G., YİĞİT P., Kutluay H. S., SELEK Ş., Emekli N.
INDIAN JOURNAL OF APPLIED RESEARCH, vol.12, no.02, pp.72-78, 2022 (Peer-Reviewed Journal)
- VIII. **Determination of Bisphenol A and Phthalate Levels in Wastewater Samples**
Akçay M., Ates-Kalkan P. S., ÜSTÜNDAĞ Ü. V., Unal I., CANSIZ D., ALTURFAN E. I., ALTURFAN A. A.
Experimed, vol.12, no.3, pp.134-138, 2022 (Scopus)
- IX. **Effects of Exercise and Calorie Restriction on Brain and Testis in Natural Aging Model**
HAKGÜDER U., İPEKÇİ H., AKBAY T. T., YARAT A., ALTURFAN E. E., ÜSTÜNDAĞ Ü. V., ALEV B., KAHRAMAN N. G., ÖZÇELİK R., ŞENER G.
EXPERIMED, vol.11, no.1, pp.21-26, 2021 (Peer-Reviewed Journal)
- X. **Differential effects of bisphenol A and Di (2-Ethylhexyl) phthalate exposure on crestin and the expression of some genes related to apoptosis and inflammation in zebrafish embryos**
Ates-Kalkan P. S., Ayık T., ÜSTÜNDAĞ Ü. V., ALTURFAN E. I.
European Journal of Biology, vol.80, no.1, pp.42-47, 2021 (Scopus)
- XI. **Exercise and Caloric Restriction Improves Liver Damage in Metabolic Syndrome Model**
Genç-Kahraman N., Alev Tüziner B., İpekçi H., ÜSTÜNDAĞ Ü. V., AKBAY T., ALTURFAN E. I., ŞENER G., YARAT A.
European Journal of Biology, vol.80, pp.15-21, 2021 (Scopus)
- XII. **The Biocompatibility of Sodium Lauryl Sulphate on Developing Zebrafish Embryos**
MEŞELİ S., KAPLAN G., CANSIZ D., ÜSTÜNDAĞ Ü. V., ÜNAL İ., ALTURFAN E. I., YANIKOĞLU F., TAĞTEKİN D.
Experimed, vol.11, pp.67-72, 2021 (Scopus)
- XIII. **The Biocompatibility of Sodium Lauryl Sulphate on Developing Zebrafish Embryos**
MEŞELİ S., KAPLAN G., Cansız D., ÜSTÜNDAĞ Ü. V., ÜNAL İ., Emekli Alturfan E., YANIKOĞLU F., TAĞTEKİN D.
Experimed, vol.11, no.2, pp.67-72, 2021 (Peer-Reviewed Journal)
- XIV. **White Cabbage Extract Reduces the Harmful Effects of Amiodarone on Heart Tissue in Rats**
HAZİNEÇİ H., TÜRKİYILMAZ İ. B., ÜSTÜNDAĞ Ü. V., ALTURFAN E. E., ALEV B., İPEKÇİ H., AKBAY T. T., YANARDAG R., YARAT A.
EXPERIMED, vol.10, no.1, pp.1-6, 2020 (Peer-Reviewed Journal)
- XV. **Combination of exercise and caloric restriction ameliorates nearly complete deleterious effects of aging on cardiovascular hemodynamic and antioxidant system parameters**
MACİT Ç., ÜSTÜNDAĞ Ü. V., EYUPOĞLU O. E., Dağdeviren-çevik Ö., Şener G.
Journal of Research in Pharmacy, vol.24, no.1, pp.121-132, 2020 (Scopus)
- XVI. **Effects of Water Samples in Polyethylene Terephthalate Bottles Stored at Different Conditions on Zebrafish Embryos with Relevance to Endocrine Disrupting Chemical Migration and Adenomatous Polyposis Coli Tumor Suppressor Gene**
ÜSTÜNDAĞ Ü. V., ÜNAL İ., ATEŞ P. S., TIRPANCI A., EĞİLMEZER G., ALTURFAN A. A., YİĞİTBAŞI T., ALTURFAN E. E.
Clinical and Experimental Health Sciences, vol.9, no.2, pp.171-177, 2019 (Peer-Reviewed Journal)
- XVII. **Oxidant-Antioxidant Status and c-myc Expression in BPA and DEHP-Exposed Zebrafish Embryos**
ÜSTÜNDAĞ Ü. V., Ünal I., ATEŞ KALKAN P. S., ALTURFAN A. A., YİĞİTBAŞI T., ALTURFAN E. I.
European Journal of Biology, vol.76, 2017 (Peer-Reviewed Journal)
- XVIII. **Tükürük Selenyumu**
ALTURFAN E. I., ÜSTÜNDAĞ Ü. V.
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.2, no.4, pp.117-121, 2014 (Peer-Reviewed Journal)

- XIX. **D-galaktoz ile oluşturulmuş yaşlanma modelinde doku faktörü aktivitesinin ve sialik asit miktarının değerlendirilmesi**
ÜSTÜNDAĞ Ü. V., OKTAY N. Ş., ALTURFAN E. I., ALTURFAN A. A., YANAR K., MENGİ M., AYDIN S., ÇAKATAY U.
CLINICAL AND EXPERIMENTAL HEALTH SCIENCES, vol.4, no.1, pp.5-9, 2014 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **The Effects of Calorie Restriction and Exercise on Age-Related Alterations in Corpus Cavernosum**
MACİT Ç., ÜSTÜNDAĞ Ü. V., ÇEVİK Ö., MERCANOĞLU H. G., ŞENER G.
in: *Interventional Strategies for Enhancing Quality of Life and Health Span in Older Adults*, Bernardo-Filho, M., Bemben, M. G., Redha, T., Sañudo, B., Furness, T., Clark, B. C., Editor, *Frontiers in Aging Neuroscience*, Lozan, pp.141-152, 2020
- II. **The Effect of Calorie Restriction and Exercise on Age-Related Alterations in Corpus Cavernosum**
Macit Ç., Üstündağ Ü. V., Dagdeviren O., Mercanoğlu H. G., Şener G.
in: *Interventional Strategies for Enhancing Quality of Life and Health Span in Older Adults*, Bernardo-Filho M, Bemben MG, Redha T, Sanudo B, Furness T, Clark BC, Editor, *Frontiers Media SA*, Lausanne, pp.144-152, 2020

Refereed Congress / Symposium Publications in Proceedings

- I. **Zebra Balığı Embriyosunda Pentilentetrazol ile Oluşturulan Epileptik Nöbet Modeli**
ÜSTÜNDAĞ F. D., Ünal İ., ÜSTÜNDAĞ Ü. V., CANSIZ D., MEGA TİBER P., ALTURFAN E. I.
9th UTSAK, Ankara, Turkey, 19 March 2022
- II. **Investigation of Hepatic and Intestinal Responses to Rotenone and Acetic Acid in Zebrafish**
CANSIZ D., ÜSTÜNDAĞ Ü. V., ÜNAL İ., beler M., ALTURFAN A. A., ALTURFAN E. I.
VIII. International Congress of Molecular Medicine, Turkey, 09 November 2021
- III. **Does caprylic acid improve the expression of mitochondrial proteins altered by rotenone exposure in zebrafish?**
SÜRME M. G., Saim S., CANSIZ D., ÜNAL İ., ÜSTÜNDAĞ Ü. V., ALTURFAN E. I.
VIII. INTERNATIONAL CONGRESS OF MOLECULAR MEDICINE, Turkey, 09 November 2021
- IV. **Effects of Testosterone on Hepatic Redox System and Locomotor Activity**
beler M., ünal i., CANSIZ D., ÜSTÜNDAĞ Ü. V., ALTURFAN E. I.
VIII. International Congress of Molecular Medicine, Turkey, 09 November 2021
- V. **Valproic acid and Propyl Paraben Exposure Affects Redox System in Zebrafish Embryos**
Çalışkan Ş., CANSIZ D., Beler M., ÜNAL İ., ÜSTÜNDAĞ Ü. V., ÜSTÜNDAĞ F. D., ALTURFAN E. I.
VIII. International Congress of Molecular Medicine, Turkey, 09 November 2021
- VI. **Investigation Of Lipid Peroxidation in Sodium Lauryl Sulfate Exposed Zebrafish Embryos**
MEŞELİ S., Kaplan G., CANSIZ D., ÜSTÜNDAĞ Ü. V., Ünal İ., ALTURFAN E. I., TAĞTEKİN D., ÇALIŞKAN YANIKOĞLU F.
III. PREVENT FROM CARRIES SYMPOSIUM, Turkey, 13 November 2020
- VII. **Investigation Of Lipid Peroxidation in Sodium Lauryl Sulfate Exposed Zebrafish Embryos**
MEŞELİ S., Cansız D., ÜSTÜNDAĞ Ü. V., ALTURFAN E. I., TAĞTEKİN D., YANIKOĞLU F.
III. Prevent from Caries Symposium, Turkey, 13 - 14 November 2020
- VIII. **Yapay Aydınlatmanın Pankreas Gelişimi Üzerine Etkileri**
ÜSTÜNDAĞ Ü. V., ÜNAL İ., Cansız D., ALTURFAN E. I.
3rd International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 19 March 2020
- IX. **Zebra Balığı Embriyosunda Yapay Aydınlatmanın Melatonin Ekspresyonuna Etkileri**
ÜSTÜNDAĞ Ü. V., ÜNAL İ., Cansız D., ALTURFAN E. I.
3rd International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 19 March 2020
- X. **Nörotoksin maruziyeti durumunda 3-piridin boronik asidin etkileri**
Üstündağ F. D., ünal i., Cansız D., ÜSTÜNDAĞ Ü. V., KARA SUBAŞAT H., MEGA TİBER P., ALTURFAN E. I.

3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Turkey, 19 - 20 March 2020

- XI. **Endokrin Bozucu Kimyasalların Obezogenik Etkileri**
Belcer M., Cansız D., Dandin E., ÜSTÜNDAĞ Ü. V., Ünal İ., ALTURFAN E. I.
3rd International Eurasian Conference on Biological and Chemical Sciences, 19 - 20 March 2020
- XII. **Rotenon Toksikitesi Durumunda Kaprilik Asidin Etkileri**
Cansız D., Ünal İ., ÜSTÜNDAĞ Ü. V., ALTURFAN A. A., Meriç A., ELMACI İ., ALTURFAN E. I.
3rd International Eurasian Conference on Biological and Chemical Sciences, Turkey, 19 - 20 March 2020
- XIII. **Gestasyonel diyabet modeli olarak zebra balığı embriyoları**
Kaplan G., Ünal İ., ÜSTÜNDAĞ Ü. V., ALTURFAN E. I.
3rd International Eurasian Conference on Biological and Chemical Sciences, Turkey, 19 - 20 March 2020
- XIV. **Effects of 3-Pyridinylboronic Acid in case of Neurotoxin Exposed**
ÜSTÜNDAĞ F. D., Ünal İ., CANSIZ D., ÜSTÜNDAĞ Ü. V., KARA SUBAŞAT H., MEGA TİBER P., ALTURFAN E. I.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara, Turkey, 19 March 2020
- XV. **Yapay aydınlatmanın pankreas gelişimi üzerine etkileri**
ÜSTÜNDAĞ Ü. V., Ünal İ., CANSIZ D., ALTURFAN E. I.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara, Turkey, 19 March 2020
- XVI. **Obesogenic Effects of Endocrine Disrupting Chemicals**
BELER M., CANSIZ D., DANDİN E., ÜSTÜNDAĞ Ü. V., Ünal İ., ALTURFAN E. I.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara, Turkey, 19 March 2020
- XVII. **Rotenon Toksikitesi Durumunda Kaprilik Asidin Etkileri**
CANSIZ D., Ünal İ., ÜSTÜNDAĞ Ü. V., ALTURFAN A. A., ALTINÖZ A. M., ELMACI İ., ALTURFAN E. I.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara, Turkey, 19 March 2020
- XVIII. **The effects of artificial illumination on melatonin expression in Zebrafish embryo**
ÜSTÜNDAĞ Ü. V., Ünal İ., CANSIZ D., ALTURFAN E. I.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara, Turkey, 19 March 2020
- XIX. **Biocompatibility of a Herbal Toothpaste on Developing Zebrafish Embryos**
MEŞELİ S., ÜSTÜNDAĞ Ü. V., ATEŞ KALKAN P. S., Ünal İ., ALTURFAN E. I., TAĞTEKİN D., YANIKOĞLU F.
Turkish Society of Restorative Dentistry 23rd International Scientific Congress, Antalya, Turkey, 6 - 08 December 2019
- XX. **Altered apoptosis-related gene expressions in bisphenol-A and diethylhexyl phtalete exposed zebrafish embryos**
ATEŞ KALKAN P. S., Ayık T., ÜSTÜNDAĞ Ü. V., ALTURFAN E. I.
VII International Congress of Molecular Medicine, İstanbul, Turkey, 05 September 2019
- XXI. **Overfeeding- induced type 2 diabetes mellitus zebrafish model for drug research**
Dandin E., ÜSTÜNDAĞ Ü. V., ATEŞ KALKAN P. S., Ünal İ., ALTURFAN E. I.
2nd International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 28 - 29 June 2019
- XXII. **Rotenon maruziyetinin bağırsak dokusunda oksidan-antioskidan durum ile inflamatuvar belirteçler üzerine etkileri**
YURTSEVER İ., ÜSTÜNDAĞ Ü. V., ATEŞ KALKAN P. S., Ünal İ., ALTURFAN E. I.
2nd International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 28 - 29 June 2019
- XXIII. **Pilot Study on Altered Salivary Nitric Oxide Levels in Oral Lichen Planus Disease**
Isler S., ATEŞ KALKAN P. S., ÜSTÜNDAĞ Ü. V., ERÇALIK YALÇINKAYA Ş., ALTURFAN E. I.
Marmara Üniversitesi 2. Uluslararası Diş Hekimliği Sempozyumu, İstanbul, Turkey, 29 - 30 April 2019
- XXIV. **A Pilot Study on Salivary Superoxide Dismutase as Antioxidant Parameter in Oral Lichen Planus**
Gunal A., ÜSTÜNDAĞ Ü. V., ATEŞ KALKAN P. S., ALTURFAN E. I., ERÇALIK YALÇINKAYA Ş.

- Marmara Üniversitesi 2. Uluslararası Dış Hekimliği Sempozyumu, İstanbul, Turkey, 29 - 30 April 2019
- XXV. **Altered Salivary Glutathion S-Transferase Activity in Oral Lichen Planus Disease**
Ipek F. S., ATEŞ KALKAN P. S., ÜSTÜNDAĞ Ü. V., ERÇALIK YALÇINKAYA Ş., ALTURFAN E. I.
Marmara Üniversitesi 2. Uluslararası Dış Hekimliği Sempozyumu, İstanbul, Turkey, 29 - 30 April 2019
- XXVI. **Lipid Peroxidation an Important Oxidative Marker in Oral Lichen Planus**
MALKOÇ Z., ÜSTÜNDAĞ Ü. V., ATEŞ KALKAN P. S., ALTURFAN E. I., ERÇALIK YALÇINKAYA Ş.
Marmara Üniversitesi 2. Uluslararası Dış Hekimliği Sempozyumu, İstanbul, Turkey, 29 - 30 April 2019
- XXVII. **Investigation of the concentrations of phthalates and bisphenol a (BPA) in wastewater samples**
Akçay M., ÜSTÜNDAĞ Ü. V., Ünal I., ATEŞ KALKAN P. S., CANSIZ D., ALTURFAN E. I., ALTURFAN A. A.
First International Balkan Chemistry Congress, Edirne, Turkey, 17 - 20 September 2018
- XXVIII. **Effects of infrared (IR) light source in MPTP exposed zebrafish embryos**
ÜSTÜNDAĞ Ü. V., CANSIZ D., Ünal İ., EĞİLMEZER G., ALTURFAN A. A., YİĞİTBAŞI T., ALTURFAN E. I.
1. International Balkan Chemistry Congress, Edirne, Turkey, 17 September 2018
- XXIX. **Effects of morphine in MPTP exposed zebrafish embryos**
CANSIZ D., ÜSTÜNDAĞ Ü. V., Ünal İ., EĞİLMEZER G., ALTURFAN E. I., ALTURFAN A. A.
1. International Balkan Chemistry Congress, Edirne, Turkey, 17 September 2018
- XXX. **Proliferative Cell Nuclear Antigen, Wnt3a, β -Catenin Expressions and Biochemical Parameters in the Offsprings of Ionizing Radiation Exposed Zebrafish**
ATEŞ KALKAN P. S., Ünal I., ÜSTÜNDAĞ Ü. V., GÜLŞEN F., ALTURFAN E. I., ALTURFAN A. A.
International Meeting on Education & Research in Health Sciences, İstanbul, Turkey, 3 - 05 November 2017
- XXXI. **Gut-Brain Oxidant-Antioxidant Status and Locomotor Activity in Rotenone Exposed Zebrafish**
Ünal I., ATEŞ KALKAN P. S., ÜSTÜNDAĞ Ü. V., ALTURFAN E. I.
International Meeting on Education & Research in Health Sciences, İstanbul, Turkey, 3 - 05 November 2017
- XXXII. **The Relationship Between Oxidant-Antioxidant Status and Apoptosis in Bisphenol F and Bisphenol S Exposed Zebrafish**
ÜSTÜNDAĞ Ü. V., Ünal I., ATEŞ KALKAN P. S., YİĞİTBAŞI T., Mueller F., ALTURFAN E. I.
International Meeting on Education & Research in Health Sciences, İstanbul, Turkey, 3 - 05 November 2017
- XXXIII. **Investigation of possible effects of oleandrin and mitochinone in experimental parkinson model generated by rotenon in zebrafish**
Ünal I., ÜSTÜNDAĞ Ü. V., ATEŞ KALKAN P. S., Eğilmezer G., AK E., Altınöz M., ELMACI İ., ALTURFAN E. I.
First International Balkan Chemistry Congress, Edirne, Turkey, 17 - 20 September 2018
- XXXIV. **The effects of different storage conditions on polyethylene terephthalate and polycarbonate bottles**
Seyhan G., ÜSTÜNDAĞ Ü. V., Ünal I., ATEŞ KALKAN P. S., CANSIZ D., ALTURFAN E. I., ALTURFAN A. A.
First International Balkan Chemistry Congress, Edirne, Turkey, 17 - 20 September 2017
- XXXV. **Morphine exposure in zebrafish embryos focusing on Wnt/ β -Catenin signaling and apoptosis**
ATEŞ KALKAN P. S., ÜSTÜNDAĞ Ü. V., Ünal I., Bozan O., ALTURFAN E. I., Sayin U., CENGİZ S., ALTURFAN A. A.
10th European ZebraFish Meeting, Budapest, Hungary, 3 - 07 July 2017
- XXXVI. **Development and proliferative cell nuclear antigen expression of morphine exposed zebrafish embryos**
ATEŞ KALKAN P. S., ÜSTÜNDAĞ Ü. V., Ünal I., Bozan O., ALTURFAN E. I., Sayin U., CENGİZ S., ALTURFAN A. A.
10th European ZebraFish Meeting, Budapest, Budapest, Hungary, 3 - 07 July 2017
- XXXVII. **Evaluation of crestin expression as a neural crest marker by in situ hybridization, cyclin D1 and myca expressions by RT-PCR and apoptosis in Bisphenol F and Bisphenol S exposed zebrafish embryos**
Ünal I., D'orazio F., Li N., ÜSTÜNDAĞ Ü. V., ATEŞ KALKAN P. S., YİĞİTBAŞI T., Mueller F., ALTURFAN E. I.
VI. International Congress of Molecular Medicine, İstanbul, Turkey, 22 - 27 May 2017
- XXXVIII. **Investigation of the effects of silver nanoparticles used in textile industry on apoptosis and myca, cyclin D1, GSK3B expressions**
ERYILMAZ O., ATEŞ KALKAN P. S., ÜSTÜNDAĞ Ü. V., Ünal I., ALTURFAN A. A., ALTURFAN E. I., Akalın M.
VI. International Congress of Molecular Medicine, İstanbul, Turkey, 22 - 25 May 2017
- XXXIX. **Investigation of nitric oxide levels, apoptosis and GSK3B expressions in Bisphenol A and BIS (2-**

ETHYLHEXYL) phthalate exposed zebrafish embryos

ÜSTÜNDAĞ Ü. V., Ünal I., ATEŞ KALKAN P. S., YİĞİTBAŞI T., EMEKLİ N., ALTURFAN E. I.

VI. International Congress of Molecular Medicine, İstanbul, Turkey, 22 - 25 May 2017

- XL. **Does lipoic acid prevent valproic acid induced oxidative stress in lung?**
Alev Tüzüner B., TÜRKYILMAZ İ. B., İpekçi H., ÜSTÜNDAĞ Ü. V., Tunalı Akbay T., Emekli Alturfan E., YANARDAĞ R., YARAT A.
VI. International Congress of Molecular Medicine, Molecular Medicine From The Updates Till The Future, İstanbul, Turkey, 22 - 25 May 2017, pp.186
- XLII. **Analysis of cyclin D1 and myca mRNA expressions of by RT-PCR and cell proliferative nuclear antigen by whole mount immunohistochemical staining and apoptosis in methylparaben exposed zebrafish embryo**
ATEŞ KALKAN P. S., Ünal I., ÜSTÜNDAĞ Ü. V., YİĞİTBAŞI T., ALTURFAN A. A., ALTURFAN E. I.
VI. International Congress of Molecular Medicine, İstanbul, Turkey, 22 - 25 May 2017, vol.2
- XLIII. **The Effect of Myrtus Communis Extract Administration On Bile Duct Ligated Rats' Brain Tissue**
OKTAY N. Ş., TÜZÜNER B., ÜSTÜNDAĞ Ü. V., İpekçi H., ALTURFAN E. I., AKBAY T., ŞENER G., YARAT A.
VI. International Congress of Molecular Medicine, İstanbul, Turkey, 22 May 2017
- XLIV. **Effects of Morphine Exposure on Canonical and Noncanonical Wnt Pathways**
ATEŞ KALKAN P. S., Ünal I., ÜSTÜNDAĞ Ü. V., Bozan O., ALTURFAN E. I., Sayin U., CENGİZ S., ALTURFAN A. A.
3th International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
- XLV. **Comparative Effects of Bisphenol A, Bisphenol F and Bisphenol S on the Development, WNT- 5A and WNT- 3A Expressions in Zebrafish Embryos**
Ünal I., D'orazio F., Li N., ÜSTÜNDAĞ Ü. V., ATEŞ KALKAN P. S., Mueller F., ALTURFAN E. I.
3th International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
- XLVI. **Effects of Cherry Laurel (Prunus laurocerasus) on The Development of Zebrafish Embryos**
ATEŞ KALKAN P. S., Ünal I., ÜSTÜNDAĞ Ü. V., ALTURFAN E. I.
3th International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
- XLVII. **Bisphenol A, Bisphenol F and Bisphenol S Exert Divergent Effects on Apoptosis and GSK3β Expressions in Zebrafish Embryos**
Ünal I., D'orazio F., Li N., ÜSTÜNDAĞ Ü. V., ATEŞ KALKAN P. S., YİĞİTBAŞI T., Mueller F., ALTURFAN E. I.
3th International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
- XLVIII. **Bisphenol A and Bis (2-ethylhexyl) phthalate Exposure Affect β Catenin Expression and Induce Estrogenic Activity in Zebrafish**
ÜSTÜNDAĞ Ü. V., Ünal I., ATEŞ KALKAN P. S., ALTURFAN E. I.
3th International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
- XLIX. **Silver Nanoparticles Used in Textile Industry Affect the WNT/β Catenin Pathway in a Dose Dependent Manner in Zebrafish Embryos**
ERYILMAZ O., ATEŞ KALKAN P. S., Ünal I., ÜSTÜNDAĞ Ü. V., ALTURFAN E. I., Akalın M.
3th International Convention of Pharmaceuticals and Pharmacies, İstanbul, İstanbul, Turkey, 26 - 29 April 2017
- L. **Ameliorative effect of chard (Beta vulgaris L. var. cicla) on pancreas damage in valproic acid induced toxicity**
Alev B., AK E., TUNALI S., İpekçi H., ÜSTÜNDAĞ Ü. V., Tunalı Akbay T., Emekli Alturfan E., ÇETİNEL Ş., YANARDAĞ R., YARAT A.
IVEK, 3rd International Convention of Pharmaceutical and Pharmacie, İstanbul, Turkey, 26 - 29 April 2017, pp.830
- L. **The Effects of Insulin and Melatonin on the Kidney Tissue of Diabetic Rats.**
GÜREL GÖKMEN B., İpekçi H., TÜZÜNER B., OKTAY N. Ş., ÜSTÜNDAĞ Ü. V., YARAT A., ALTURFAN E. I., ŞENER G., AKBAY T.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 April 2017
- LI. **The Effect of Vitamin U on Experimental Epilepsy Induced Oxidative Stress in Skin.**
OKTAY N. Ş., BAYRAK G., TÜZÜNER B., İpekçi H., ÜSTÜNDAĞ Ü. V., TÜRKYILMAZ İ. B., ALTURFAN E. I., AKBAY T., YANARDAĞ R., YARAT A.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 April 2017

- LII. **The effect of vitamin U on submandibular salivary gland of epileptic seizures induced rats**
Alev Tüzüner B., TÜRKYILMAZ İ. B., İpekçi H., ÜSTÜNDAĞ Ü. V., PİŞİRİCİLER R., AK E., AKYÜZ S., AKBAY T.,
YANARDAĞ R., AKYÜZ S., et al.
6th International Chemistry Conference, Riyadh, Saudi Arabia, 8 - 10 November 2016, pp.373
- LIII. **Chard (Beta vulgaris L. var. cicla) ameliorates the adverse effects of valproic acid toxicity in small intestine**
Alev Tüzüner B., TUNALI S., ÜSTÜNDAĞ Ü. V., İpekçi H., HAZİNECİ H., ÖZCAN O., KURUCA B., Emekli Alturfan E.,
AKBAY T., YANARDAĞ R., et al.
6th World Congress of Oxidative Stress, Calcium Signaling and TRP Channels, Isparta, Turkey, 27 May 2016, pp.548
- LIV. **Teratogenic Effects of Wastewater on Zebrafish (Danio Rerio) Embryos**
ATEŞ KALKAN P. S., ÜSTÜNDAĞ Ü. V., BOZASLAN B. S., Yalvac M., ALTURFAN A. A., ALTURFAN E. I.
1. Ulusal Su ve Sağlık Kongresi, Antalya, Turkey, 26 - 30 October 2015
- LV. **Effects of chard (Beta vulgaris L. var cicla) on skin in valproic acid induced toxicity**
ÜSTÜNDAĞ Ü. V., TUNALI S., Alev B., İpekçi H., Emekli Alturfan E., AKBAY T., YANARDAĞ R., YARAT A.
14th International Nutrition & Diagnostic Conference, Prag, Czech Republic, 2 - 05 September 2014, pp.212
- LVI. **The effect of chard Beta vulgaris L var cicla on the protein and antioxidant system in the lenses of STZ induced diabetic rats**
YARAT A., ÖZÇELİK F., YANARDAĞ R., Tunalı Akbay T., SAÇAN Ö., Emekli Alturfan E., ÜSTÜNDAĞ Ü. V.
NATO Advanced Research Workshop, Chalkidiki, Greece, 22 - 28 September 1996, pp.0-59