Assoc. Prof. Hamid CEYLAN

Personal Information

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Address: Fen Fakültesi, Dekanlık Binası, Moleküler Biyoloji ve Genetik Bölümü

International Researcher IDs
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Publons / Web Of Science ResearcherID: A-3707-2016
ScopusID: 55985949400
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Education Information

Doctorate, Ataturk University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik / Genetik, Turkey 2010 - 2016
Doctorate, Tokyo University, Japan 2015 - 2015
Postgraduate, Erciyes University, Fen Bilimleri, Biyoloji, Turkey 2008 - 2010
Undergraduate, Erciyes University, Fen Edebiyat, Biyoloji, Turkey 2005 - 2008
Undergraduate, Ataturk University, Fen Edebiyat, Biyoloji, Turkey 2004 - 2005

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Entrepreneurship, KOSGEB Girişimcilik Eğitimi, T.C. Küçük ve Orta Ölçekli İşletmeleri Geliştirme ve Destekleme İdaresi Başkanlığı (KOSGEB), 2022
Vocational Training, Kamu Mali Yönetimi ve Kontrol Kanunu Mevzuat Eğitimi, Atatürk Üniversitesi, 2021
Education Management and Planning, Deney Hayvanları Kullanım Sertifikası, Atatürk Üniversitesi, 2011

Dissertations

Doctorate, İNSAN BEYİN ASETİLKOLİNESTERAZ ENZİMİNİN KLONLANMASI, E. coli'de EKSPRESYONU ve ENZİMİN KARAKTERİZASYONU, Atatürk Üniversitesi, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik / Genetik, 2016
Postgraduate, TÜRKİYE ORİJİNLİ BAZI BUĞDAY ÇEŞİTLERİNDE PEROKSİDAZ GEN POLİMORFİZMİNİN BELİRLENMESİ, Erciyes Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji, 2010

Research Areas

Life Sciences, Bioinformatics, Molecular Biology and Genetics, Natural Sciences

Academic Titles / Tasks

Academic Titles / Tasks

Associate Professor, Ataturk University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, 2023 - Continues
Assistant Professor, Ataturk University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, 2018 - 2023
Research Assistant PhD, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2016 - 2018
Research Assistant, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2010 - 2016

Academic and Administrative Experience

Fakülte Koordinatörü, Ataturk University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, 2022 - Continues
Performans Değerlendirme Komisyonu Üyesi, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2021 - Continues
Deputy Head of Department, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2020 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2019 - Continues
Assistant Coordinator of The Rectorate, Ataturk University, Fen Fakültesi, Moleküler Biyoloji Ve Genetik, 2020 - 2022

Courses

Gene Therapy, Undergraduate, 2022 - 2023, 2021 - 2022
Epigenetik, Undergraduate, 2022 - 2023, 2021 - 2022
Yaşam Bilimleri II Laboratuvarı, Undergraduate, 2022 - 2023
Moleküler Biyoloji ve Genetik, Undergraduate, 2022 - 2023
Biyoinformatik, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Proteomics, Undergraduate, 2022 - 2023
Protein Mühendisliği, Undergraduate, 2021 - 2022, 2020 - 2021
Temel Genetik Labaratuvarı, Undergraduate, 2022 - 2023
Moleküler Biyolojide Kullanılan Yöntemler II Laboratuvarı, Undergraduate, 2021 - 2022, 2020 - 2021
Genomik ve Proteomik, Undergraduate, 2021 - 2022, 2020 - 2021, 2018 - 2019
Transgenic Plants, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019
Moleküler Hücre Biyolojisi Laboratuvarı, Undergraduate, 2022 - 2023
Bioinformatics Based Transcriptomic Data Analysis, Postgraduate, 2021 - 2022
Nutrigenomics and Nutrigenetics, Postgraduate, 2022 - 2023, 2020 - 2021, 2019 - 2020
Nutrigenomik, Undergraduate, 2022 - 2023, 2021 - 2022
Genomik, Undergraduate, 2022 - 2023
Hücre Biyolojisi Laboratuvarı, Undergraduate, 2021 - 2022
Protein Engineering Tools and Applications, Postgraduate, 2021 - 2022, 2018 - 2019
Molecular Biology, Undergraduate, 2021 - 2022
Genel Biyoloji Laboratuvarı II, Undergraduate, 2020 - 2021, 2019 - 2020
Moleküler Biyoloji, Undergraduate, 2021 - 2022
Moleküler Biyolojide Kullanılan Yöntemler I Laboratuvarı, Undergraduate, 2021 - 2022, 2020 - 2021
Biyoteknoloji Laboratuvarı, Undergraduate, 2019 - 2020
Moleküler Evrim, Undergraduate, 2020 - 2021, 2018 - 2019
Genel Biyoloji Labaratuvarı I, Undergraduate, 2020 - 2021

Jury Memberships

Post Graduate, Post Graduate, Bingöl Üniversitesi, November, 2022
Post Graduate, Post Graduate, Atatürk Üniversitesi, August, 2022
Post Graduate, Post Graduate, Atatürk Üniversitesi, August, 2022

Post Graduate, Post Graduate, Atatürk Üniversitesi, July, 2022
Post Graduate, Post Graduate, Atatürk Üniversitesi, July, 2022
Post Graduate, Post Graduate, Atatürk Üniversitesi, July, 2022
Doctoral Examination, Doctoral Examination, Bingöl Üniversitesi, January, 2022
Doctoral Examination, Doctoral Examination, Bingöl Üniversitesi, January, 2022
Post Graduate, Post Graduate, Atatürk Üniversitesi, December, 2021
Post Graduate, Post Graduate, Atatürk Üniversitesi, July, 2021
Post Graduate, Post Graduate, Bingöl Üniversitesi, January, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Tannic acid may ameliorate doxorubicin-induced changes in oxidative stress parameters in rat spleen**
Kizir D., Karaman M., Ceylan H.
Naunyn-Schmiedeberg's Archives of Pharmacology, vol.396, no.12, pp.3605-3613, 2023 (SCI-Expanded)

II. **Neuroprotective Potential of Tannic Acid Against Neurotoxic Outputs of Monosodium Glutamate in Rat Cerebral Cortex**
Karagac M. S., Ceylan H.
Neurotoxicity Research, vol.41, no.6, pp.670-680, 2023 (SCI-Expanded)

III. **Investigation of the multi-targeted protection potential of tannic acid against doxorubicin-induced kidney damage in rats.**
Yesilkent E. N., Ceylan H.
Chemico-biological interactions, vol.365, pp.110111, 2022 (SCI-Expanded)

IV. **Integrated Bioinformatics Analysis to Identify Alternative Therapeutic Targets for Alzheimer's Disease: Insights from a Synaptic Machinery Perspective**
Ceylan H.
JOURNAL OF MOLECULAR NEUROSCIENCE, vol.72, no.2, pp.273-286, 2022 (SCI-Expanded)

V. **Molecular docking and inhibition studies of vulpinic, carnosic and usnic acids on polyol pathway enzymes**
Demir Y., Ceylan H., Türkeş C., Beydemir Ş.
JOURNAL OF BIOMOLECULAR STRUCTURE & DYNAMICS, vol.40, no.22, pp.12008-12021, 2022 (SCI-Expanded)

VI. **Identification of hub genes associated with obesity-induced hepatocellular carcinoma risk based on integrated bioinformatics analysis**
CEYLAN H.
MEDICAL ONCOLOGY, vol.38, no.6, 2021 (SCI-Expanded)

VII. **Muscle cellularity, growth performance and growth-related gene expression of juvenile climbing perch Anabas testudineus in response to different eggs incubation temperature.**
Ahammad A. K. S., Asaduzzaman M., Uddin Ahmed M. B., Akter S., Islam M. S., Haque M. M., Ceylan H., Wong L. L.
Journal of thermal biology, vol.96, pp.102830, 2021 (SCI-Expanded)

VIII. **Effect of a Prolonged Dietary Iron Intake on the Gene Expression and Activity of the Testicular Antioxidant Defense System in Rats**
Kocpınar E. F., Gönül Baltacı N., Ceylan H., Kalın S. N., Erdoğan O., Budak H.
BIOLOGICAL TRACE ELEMENT RESEARCH, no.1, pp.135-141, 2020 (SCI-Expanded)

IX. **Examining the link between dose-dependent dietary iron intake and Alzheimer's disease through oxidative stress in the rat cortex**
Ceylan H., Budak H., Kocpınar E. F., Baltacı N., Erdoğan O.
JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, pp.198-206, 2019 (SCI-Expanded)

X. **Multiple transcription factors mediating the expressional regulation of myosin heavy chain gene involved in the indeterminate muscle growth of fish**
AHAMMAD A. S., ASADUZZAMAN M., CEYHUN S. B., CEYLAN H., ASAKAWA S., WATABE S., Kinoshit S.

GENE, vol.687, pp.308-318, 2019 (SCI-Expanded)

XI. **In vitro and in vivo effects of iron on the expression and activity of glucose 6-phosphate dehydrogenase, 6-phosphogluconate dehydrogenase, and glutathione reductase in rat spleen**
Gonul B., Guler C., Ceylan H., Kalın S., Adem S., Kocpınar E. F., Erdogan O., Budak H.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, no.1, 2019 (SCI-Expanded)

XII. **Inhibitory Effects of Usnic and Carnosic Acid on Some Metabolic Enzymes: An in vitro Study**
CEYLAN H., Demir Y., Beydemir S.
PROTEIN AND PEPTIDE LETTERS, vol.26, no.5, pp.364-370, 2019 (SCI-Expanded)

XIII. **An approach to clarify the effect mechanism of glyphosate on body malformations during embryonic development of zebrafish (Daino rerio)**
SULUKAN E., KOKTURK M., CEYLAN H., Beydemir S., Isik M., ATAMANALP M., CEYHUN S. B.
CHEMOSPHERE, pp.77-85, 2017 (SCI-Expanded)

XIV. **Cloning, expression, and characterization of human brain acetylcholinesterase in Escherichia coli using a SUMO fusion tag**
Ceylan H., Erdoğan O.
TURKISH JOURNAL OF BIOLOGY, vol.41, pp.77-87, 2017 (SCI-Expanded)

XV. **Can chondral healing be improved following microfracture? The effect of adipocyte tissue derived stem cell therapy.**
Ceylan H., BILSEL K., BUYUKPINARBASILI N., Ceylan H., ERDIL M., TUNCAY I., SEN C.
The Knee, vol.23, pp.442-9, 2016 (SCI-Expanded)

XVI. **Stimulation of gene expression and activity of antioxidant related enzyme in Sprague Dawley rat kidney induced by long-term iron toxicity**
Budak H., Kocpınar E. F., Gonul N., Ceylan H., Erol H. S., Erdoğan O.
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY, pp.44-50, 2014 (SCI-Expanded)

XVII. **Expression of Glucose-6-Phosphate Dehydrogenase and 6-Phosphogluconate Dehydrogenase in Oxidative Stress Induced by Long- Term Iron Toxicity in Rat Liver**
BUDAK H., CEYLAN H., Kocpinar E. F., Gonul N., ERDOĞAN O.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, no.5, pp.217-223, 2014 (SCI-Expanded)

XVIII. **Impact of long term Fe³⁺ toxicity on expression of glutathione system in rat liver**
BUDAK H., GONUL N., Ceylan H., KOCPINAR E.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, no.1, pp.365-370, 2014 (SCI-Expanded)

Articles Published in Other Journals

I. **Identification and verification of promising diagnostic genes in bisphenol A-associated breast cancer development via in silico analysis**
Akkuş M., ceylan h.
Frontiers in Life Sciences and Related Technologies (Online), vol.4, no.2, pp.72-78, 2023 (Peer-Reviewed Journal)

II. **Cloning and Expression of Rat Brain Acetylcholinesterase Enzyme in Escherichia coli**
Karakuş A., Ceylan H., Erdoğan O.
Iğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.12, no.1, pp.287-296, 2022 (Peer-Reviewed Journal)

III. **Identification and validation of key genes associated with smoking-induced lung adenocarcinoma development through bioinformatics analysis and predictions of small-molecule drugs**
Ceylan H.
Cumhuriyet Science Journal, vol.42, no.4, pp.751-757, 2021 (Peer-Reviewed Journal)

IV. **A bioinformatics approach for identifying potential molecular mechanisms and key genes involved in COVID-19 associated cardiac remodeling**
Ceylan H.
GENE REPORTS, vol.24, 2021 (ESCI)

V. **Characterization of best growing line of the minnow, gymnostomus ariza (Hamilton 1807) through landmark-based morphometric analysis**
Ahammad A. K. S., Gani A., Ahmed M. B. U., Khan M. G. Q., Hossain M. Y., Haque M. M., Ceylan H.
Egyptian Journal of Aquatic Biology and Fisheries, vol.25, no.4, pp.479-498, 2021 (Scopus)

VI. **A bioinformatics approach for exploring and identification of potential target genes of miR-130a-3p in doxorubicin-associated cardiotoxicity**
Ceylan H.
Gümüşhane Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.11, no.3, pp.964-974, 2021 (Peer-Reviewed Journal)

VII. **Cross breeding programme modulates reproductive outcomes, growth performances and cellular muscle growth of indigenous climbing perch, Anabas testudineus**
Ahammad A. S., Asaduzzaman M., Rabbi M. F., Haque M. M., Ahmed M. B. U., Datta B. K., Haque M. A., Islam M. M., Ceylan H.
Reproduction and Breeding, vol.1, no.2, pp.100-107, 2021 (Scopus)

VIII. **Demir İyonunun (Fe3) Sıçan (Rattus norvegicus) Karaciğer Dokusundaki Isı Stres Proteini (Hsp) Genlerinin Ekspresyon Seviyeleri Üzerine Etkisi**
Ghosıgharehaghajı A., Ceylan H., Erdoğan O.
Journal of the Institute of Science and Technology, vol.8, pp.255-261, 2018 (Peer-Reviewed Journal)

Books & Book Chapters

I. **Real Time PCR Uygulamaları ve Veri Analizi**
Ceyhun S. B., Ceylan H., Toraman E.
in: 3. Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu Kitabı, Erdoğan O.,Ceyhun S.B.,Şişecioğlu M.,Karakuş E.,Budak H., Editor, Aktif Yayınevi, Ankara, pp.121-131, 2016

II. **Real Time PCR Uygulamaları ve Veri Analizi**
CEYHUN S. B., CEYLAN H., TORAMAN E.
in: 3. Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, Orhan Erdoğan, S. Buğrahan Ceyhun, Melda Şişecioğlu, Emre Karakuş, Harun Budak, Editor, Aktif Yayınevi, Erzurum, pp.121-132, 2016

III. **Moleküler Biyoloji Teknikleri Laboratuvar El Kitabı**
ERDOĞAN O., ADIGÜZEL A., AŞKIN H., ŞİŞECİOĞLU M., TAŞKIN M., BUDAK H., ANAR M., CEYLAN H., ÜNVER Y., YILDIZ M., et al.
Aktif Yayınevi, G.M.K Bulvarı No:32/C Kızılay-Ankara, Erzurum, 2014

IV. **Western Blotlama**
Budak H., Küfrevioğlu Ö. İ., Ceylan H., Şahin F., Akkemik E.
in: Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu Kitabı, Küfrevioğlu Ö.İ.,Watae S.,Çiltaş A.,Erdogan O., Editor, Aktif Yayınevi, Ankara, pp.57-62, 2011

V. **Ökaryotik Hücrelere Gen Aktarımı**
İşcan M., Uyar P., CEYLAN H.
in: Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu Kitabı, Küfrevioğlu Ö.İ., Watae S., Çiltaş A., Erdogan O., Editor, Aktif Yayınevi, Ankara, pp.63-78, 2011

VI. **TRV Tabanlı VİGS (Virüs İndüklemesiyle Gen Susturulması)**
Ünver T., CEYLAN H., ÜNVER Y.
in: Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu Kitabı, Küfrevioğlu Ö.İ., Watae S., Çiltaş A., Erdogan O., Editor, Aktif Yayınevi, Ankara, pp.133-142, 2011

VII. **TRV Tabanlı Vigs (Virüs İndüklemsiyle Gen Aktarımı)**
ÜNVER T., CEYLAN H., ÜNVER Y.
in: Uygulamalı Moleküler Biyoloji TeknikleriLisansüstü Yaz Okulu, , Editor, Aktif Yayınevi, pp.133-142, 2011

VIII. **Western Blotlama**
BUDAK H., KÜFREVİOĞLU Ö. İ., ŞAHİN F., CEYLAN H., AKKEMİK E.
in: Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, , Editor, Aktif Yayınevi, pp.57-62, 2011

IX. **Ökaryotik Hücrelere Gen Aktarımı**
İŞCAN M., UYAR ARPACI P., CEYLAN H.
in: Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, , Editor, Aktif Yayınevi, pp.63-78, 2011

X. **Real Time PCR'da TaqMan Prob Yöntemiyle Kantitatif Gen Analizi.**
CEYHUN S. B., AKSAKAL E., GEN K., ERDOĞAN O., CEYLAN H.
in: Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, Ö.İrfan KÜFREVİOĞLU,Shugo WATABE, Abdukladir ÇİLTAŞ, Orhan ERDOĞAN, Editor, Aktif Yayınevi, Ankara Caddesi Nakipoğlu İş Hanı Kat:1 No:60/15, Sirkeci/İSTANBUL, Erzurum, pp.111-126, 2011

XI. **Real time PCR`da Taqman Prob Yöntemiyle Kantitatif Gen Analizi**
CEYHUN S. B., AKSAKAL E., KANEKO G., ERDOĞAN O., CEYLAN H., İÇOĞLU AKSAKAL F.
in: Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, , Editor, Aktif Yayınevi, pp.127-132, 2011

Refereed Congress / Symposium Publications in Proceedings

I. **The Role of miRNAs in Asthma**
Tosun H., Ceylan H.
5th International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 10 - 12 July 2023, pp.606-610

II. **Micro RNAs: The Game Changers of Diagnosis and Therapy of Human Cardiovascular Diseases**
Karadaş H., Ceylan H.
5th International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 10 - 12 July 2023, pp.510-516

III. **Effects of Natural Polyphenols Against Skin Aging**
Karağaç M. S., Ceylan H.
1st International Conference on Recent Academic Studies, Konya, Turkey, 2 - 04 May 2023, pp.226-231

IV. **Propolis and its therapeutic potential on wound healing**
Yeşilkent E., Ceylan H.
1st International Conference on Recent Academic Studies, Konya, Turkey, 2 - 04 May 2023, pp.204-209

V. **Frequently Used Additives in the Food Industry and Their Toxicological Effects on Human Health**
Öztürk N., Ceylan H.
1st International Conference on Recent Academic Studies, Konya, Turkey, 2 - 04 May 2023, pp.232-237

VI. **Non-coding RNAs and Their Use in Cancer Diagnosis and Treatment**
Ceylan H.
1st International Conference on Frontiers in Academic Research, Konya, Turkey, 18 - 21 February 2023, pp.285-289

VII. **The Effects of Doxorubicin on the mRNA Expression of Some Heat Shock Protein 70 (Hsp70) Family Members in Rat Liver and the Modulatory Role of Tannic Acid**
Öztürk N., Ceylan H.
4 TH INTERNATIONAL CONFERENCE ON APPLIED ENGINEERING AND NATURAL SCIENCES , Konya, Turkey, 10 - 13 November 2022, pp.1410-1416

VIII. **Evaluation of the Effect of Tannic Acid on mRNA Expression of Some Heat-Shock Protein Genes in Doxorubicin Exposed Rat Kidney Tissues**
Yeşilkent E. N., Ceylan H.
6th International Conference on Advances in Natural and Applied Sciences, Ağrı, Turkey, 11 - 13 October 2022, pp.233-241

IX. **The Quantitative Expression Analysis of Amyloid Beta Precursor Protein Pathway-Related Genes in Monosodium Glutamate Exposed Rat Brain Cortex: The Double-Edged Sword of Nutrition**
Karağaç M. S., Ceylan H.
6th International Conference on Advances in Natural and Applied Sciences, Ağrı, Turkey, 11 - 13 October 2022, pp.78-86

X. **Effects of dietary tannic acid on Synaptogyrin-1, Synapsin III, and Syntaxin 4 gene expression in brain cortex tissues of monosodium glutamate-induced rats.**
Karağaç M. S., Ceylan H.
3 RD INTERNATIONAL CONFERENCE ON APPLIED ENGINEERING AND NATURAL SCIENCES , Konya, Turkey, 20 - 23 July 2022, pp.1979-1983

XI. **Bioinformatics Analysis to Identify and Evaluate the Critical Driver Genes and Pathways Involved in COVID-19**
Ceylan H.
SECOND INTERNATIONAL CONGRESS ON BIOLOGICAL AND HEALTH SCIENCES (ICBH), Afyonkarahisar, Turkey, 24 - 27 February 2022, pp.209-218

XII. **Multipl Skleroz, Alzheimer ve Parkinson Hastalıkları Arasındaki Ortak Moleküler İmzaların Belirlenmesi: Entegre Bir Genomik Yaklaşım**
CEYLAN H.
1. ULUSAL BİYOLOJİK BİLİMLER KONGRESİ, Turkey, 16 - 18 December 2021

XIII. **Detection of Shared Critical Signatures and Pathways Between Type 2 Diabetes and Heart Failure**
Ceylan H.
3. INTERNATIONAL SCIENCES AND INNOVATION CONGRESS, Ankara, Turkey, 21 - 22 November 2021, pp.49-58

XIV. **Exploring the candidate genes in the formation of type 2 diabetes-induced pancreatic cancer via bioinformatics analysis**
Ceylan H.
1st International Conference on Applied Engineering and Natural Sciences ICAENS 2021, Konya, Turkey, 1 - 03 November 2021, pp.779

XV. **Effects of long term iron toxicity on antioxidant related enzyme in rat spleen at gene and protein level**
GÖNÜL BALTACI N., CEYLAN H., KOÇPINAR E. F., ÇAKIR Ş. N., ERDOĞAN O., BUDAK H.
7th International Molecular Biology and Biotechnology Congress, Konya, Turkey, 25 - 27 April 2018

XVI. **Inhıbıtıon of Glutathıone S-Transferase by Usnıc and Carnosıc Acıd. International Biochemistry Congress/28th National Biochemistry Congress**
CEYLAN H., DEMİR Y., BEYDEMİR Ş.
International Biochemistry Congress/28th National Biochemistry Congress, Erzurum, Turkey, 19 - 23 September 2017

XVII. **THE RELATIONSHIP BETWEEN IRON TOXICITY ANDINFERTILITY**
GÖNÜL N., KOÇPINAR E. F., ÇAKIR Ş., CEYLAN H., BASTEM A., ERDOĞAN O., BUDAK H.
INTERNATIONAL BIOCHEMICAL CONGRESS 2017, 19 - 23 September 2017

XVIII. **The Effect of 8-Methoxypsoralen on Polyol Pathway Enzymes**
Demir Y., CEYLAN H., Beydemir Ş.
International Biochemistry Congress/28th National Biochemistry Congress, Erzurum, Turkey, 19 - 23 September 2017, pp.2

XIX. **Inhıbıtıon of Glutathıone S-Transferase by Usnıc and Carnosıc Acıd**
CEYLAN H., Demir Y., Beydemir Ş.
International Biochemistry Congress/28th National Biochemistry Congress, Erzurum, Turkey, 19 - 23 September 2017, pp.1

XX. **COMPARATIVE EVALUATION OF THE INHIBITORY EFFECT OFSOME ESSENTIAL OILS ON ACETYLCHOLINESTERASE ACTIVITY IN HUMAN LUNG CARCINOMA (A549) CELLS**
TORAMAN E., DENİR Y., CEYLAN H., ERDOĞAN O.
I. INTERNATIONAL CONGRESS on MEDICINAL and AROMATIC PLANTS, Konya, Turkey, 10 - 12 May 2017, pp.1764

XXI. **Comparative Evaluation of the Inhibitory Effect of Some Essential Oils on Acetylcholinesterase Activity in Human Lung Carcinoma (A5a9) Cells**
TORAMAN E., DEMİR Y., CEYLAN H., ERDOĞAN O.
st İNTERNArIONAL CONGRESS ON MEOICINAL ANAROMATIC PLANTS, 9 - 12 May 2017

XXII. **Inhibitory effects of usnic and carnosic acid on human serum paraoxonase-1 (PON1)**

Demir Y., CEYLAN H., Beydemir Ş.
3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017, pp.520

XXIII. **Determination of glutathione reductase and glutathioneS-transferase activity in human lung cancer cells treated withsome essential oils**
CEYLAN H., TORAMAN E., DEMİR Y., GHOSIGHAREHAGHAJI A., ERDOĞAN O.
İVEK 3.ULUSLAR ARASI İLAÇ VE ECZACILIK KONGRESİ, 26 - 29 April 2017

XXIV. **Cloning Expression and Characterization of Human Brain Acetylcholinesterase**
CEYLAN H., ERDOĞAN O.
International Urasia Pharmacy Congress., Erzincan, Turkey, 3 - 07 September 2015, pp.102-103

XXV. **Oxidative Stress in Rat Cortex**
CEYLAN H., ENVER FEHİM K., GÖNÜL N., ERDOĞAN O., BUDAK H.
3rd International Congress Of The Molecular Biology Association Of Turkey, İzmir, Turkey, 10 - 12 September 2014

XXVI. **Effects of Iron Ions Fe3 on Expression Levels of Synapsin III Syntaxin IV Synaptogyrin I and Synaptogyrin IV Genes in RAT Rattus norvegicus Brain Hippocampus and Cortex**
TUNÇ A., CEYLAN H., ERDOĞAN O.
3rd International Congress Of The Molecular Biology Association Of Turkey, İzmir, Turkey, 10 - 12 September 2014

XXVII. **Investigation of Alterations in Expression Levels of Heat Shock Protein Genes in Rat s Rattus Norvegicus Liver Tissues Exposed to Long Term Iron Fe 3**
ATENA G., CEYLAN H., ERDOĞAN O.
3rd International Congress Of The Molecular Biology Association Of Turkey, İzmir, Turkey, 10 - 12 September 2014

XXVIII. **Gene Expression and Activity of Some Antioxidant Enzyme in Oxidative Stress Induced by Long-Term Iron Overload in Rat Liver and Kidney**
BUDAK H., GONUL N., KOCPINAR E., CEYLAN H., ERDOĞAN O.
3rd International Congress of The Molecular Biology Association of, İzmir, Turkey, 10 - 12 September 2014, pp.1

XXIX. **Can we improve chondrial healing after microfracture? The effect of adipocyte tissue derived stem cell theraphy**
CEYLAN H., BILSEL K., BUYUKPINARBASILI N., CEYLAN H., ERDIL M., TUNCAY I., SEN C.
European Federation of National Associations of Orthopaedics and Traumatology (EFORT) Congress, Londra, United Kingdom, 4 - 06 June 2014, pp.1

XXX. **The Effects of Different Iron Concentrations on Rat Heart Antioxidant Enzymes**
Kılınç N., CEYLAN H., Alım Z., ÜNVER Y., ERDOĞAN O., Beydemir Ş.
2nd International Conference on Environmental Science and Technology, Antalya, Turkey, 14 - 17 May 2014, pp.401

XXXI. **Uzun süreli demir (Fe+3) iyonuna maruz bırakılan sıçanların (Rattus norvegicus) beyin dokularında Alzheimer hastalığı ile ilişkili bazı genlerin ekspresyon seviyelerindeki değişimin araştırılması**
CEYLAN H., ERDOĞAN O.
XIII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Aydın, Turkey, 27 - 30 October 2013, pp.287

XXXII. **Biberiye rosmarinus officinalis ve kişniş coriandrum sativum yağının drosophila melanogaster asetilkolinesteraz enzimi üzerine in vivo etkilerinin incelenmesi**
YILDIZ M., ÜNVER Y., Kilic D., CEYLAN H., AŞKIN H.
Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Aydın, Turkey, 27 - 30 October 2013, pp.421-422

XXXIII. **Türkiye Akdeniz sahilinden örneklenen çeşitli ploidi düzeylerine sahip Bermuda çimi (Cynodon spp) türlerinde kloroplast DNA polimorfizminin belirlenmesi**
Ceylan A., Gülşen O., CEYLAN H., Akbulut M.
1. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Antalya, Turkey, 26 - 29 October 2010, pp.5

XXXIV. **Bazı buğday (Triticum) çeşitlerinde peroksidaz gen polimorfizminin belirlenmesi**
CEYLAN H., Gülşen O., Ceylan A., Akbulut M.
1. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Antalya, Turkey, 26 - 29 October 2010, pp.33

Supported Projects

HACIMÜFTÜOĞLU A., YEŞİLYURT F., ÇİÇEK B., ARI B., ALTUNLU Ö., BUDAK SAVAŞ A., ŞENYAYLA S., CEYLAN H., YENİ Y., TAŞKIN M., et al., Project Supported by Higher Education Institutions, Alzheimer Hastalığına Karşı Aşı Geliştirme, 2022 - Continues

CEYLAN H., KARAĞAÇ M. S., Project Supported by Higher Education Institutions, Tannik asitin sıçanlarda mono sodyum glutamat kaynaklı nörotoksisiteye karşı koruyucu potansiyelinin sinaptik sistem bileşenleri açısından araştırılması, 2021 - 2022

CEYLAN H., ÖZTÜRK N., Project Supported by Higher Education Institutions, Doksorubisin ile Oluşturulan Sıçan Karaciğer Hasarı Modelinde Tannik Asitin Koruyucu Etkinliğinin Araştırılması, 2021 - 2022

CEYLAN H., YEŞİLKENT E. N., Project Supported by Higher Education Institutions, Sıçanlarda Doksorubisin Kaynaklı Nefrotoksisite Karşısında Tannik Asitin Koruyucu Potansiyelinin Değerlendirilmesi, 2021 - 2022

ADIGÜZEL A., ERDOĞAN O., ÜNVER Y., CEYLAN H., YILDIZ M., KARADAYI G., ANAKÖK Ö. F., YILMAZ A., BALTACI M. Ö., AKBULUT S., et al., Project Supported by Higher Education Institutions, Moleküler Biyoloji ve Genetik Bölümünün Laboratuvar İmkanlarının ve Akademik Araştırma Potansiyelinin Geliştirilmesi, 2020 - 2022

ADIGÜZEL A., TUYSUZ E., BALTACI M. Ö., CEYLAN H., ÜNVER Y., ERDOĞAN O., AKBULUT S., ANAKÖK Ö. F., BUDAK H., YILDIZ M., et al., Project Supported by Higher Education Institutions, Moleküler Biyoloji ve Genetik Bölümü Araştırma Destek Projesi, 2018 - 2019

ERDOĞAN O., GHOSIGHAREHAGHAJI A., AŞKIN H., CEYLAN H., TORAMAN E., KARAKUŞ A., Project Supported by Higher Education Institutions, BAZI İNSAN BCL GEN AİLESİ ÜYELERİNE AİT PROMOTER BÖLGELERİNDE OLUŞTURULAN DELESYONLARIN VE ÇEŞİTLİ İNHİBİTÖRLERİN GEN EKPRESYONLARI ÜZERİNE OLAN ETKİLERİNİN HÜCRE KÜLTÜRÜNDE ARAŞTIRILMASI., 2016 - 2018

Scientific Refereeing

MEDICAL SCIENCE MONITOR, Journal Indexed in SCI-E, November 2021

FRONTIERS IN COMPUTATIONAL NEUROSCIENCE, Journal Indexed in SCI-E, September 2021

BIOENGINEERED, Journal Indexed in SCI-E, August 2021

MEDICAL SCIENCE MONITOR BASIC RESEARCH, Journal Indexed in ESCI, August 2021

BIOENGINEERED, Journal Indexed in SCI-E, July 2021

THERAPEUTIC ADVANCES IN ENDOCRINOLOGY AND METABOLISM, Journal Indexed in SCI-E, July 2021

MEDICAL SCIENCE MONITOR, Journal Indexed in SCI-E, June 2021

ARCHIVES OF MICROBIOLOGY, Journal Indexed in SCI-E, June 2021

INTERNATIONAL JOURNAL OF BIOLOGICAL SCIENCES, Journal Indexed in SCI-E, June 2021

BIOINFORMATICS AND BIOLOGY INSIGHTS, Journal Indexed in ESCI, May 2021

JOURNAL OF THE INSTITUTE OF SCIENCE AND TECHNOLOGY, Other journals, April 2021

JOURNAL OF THE INSTITUTE OF SCIENCE AND TECHNOLOGY, Other journals, March 2020

BIOLOGICAL TRACE ELEMENT RESEARCH, Journal Indexed in SCI-E, January 2020

JOURNAL OF THE INSTITUTE OF SCIENCE AND TECHNOLOGY, Other journals, November 2019

GENAQUA, Other journals, July 2019

GENAQUA, Other journals, May 2019

JOURNAL OF THE INSTITUTE OF SCIENCE AND TECHNOLOGY, Other journals, February 2019

Tasks In Event Organizations

Kalecik S., Sarıtaş S., Kılıç D., Ünver Y., Nişancı B., Toraman E., Ömeroğlu M. A., Orak T., Taş S., Levet A., et al., 1st International Symposıum On Recent Advances In Fundamental And Applied Sciences (Isfas-2021), Scientific Congress, Erzurum, Turkey, Eylül 2021

Metrics

Publication: 74
Citation (WoS): 324
Citation (Scopus): 334
H-Index (WoS): 10
H-Index (Scopus): 10

Congress and Symposium Activities

1st International Conference on Frontiers in Academic Research, Attendee, Konya, Turkey, 2023
4th INTERNATIONAL CONFERENCE ON APPLIED ENGINEERING AND NATURAL SCIENCES, Attendee, Konya, Turkey, 2022
3rd INTERNATIONAL CONFERENCE ON APPLIED ENGINEERING AND NATURAL SCIENCES, Attendee, Konya, Turkey, 2022
Uluslararası Katılımlı OmikTeknolojilerin Klinikte ve Nadir Hastalıklarda Kullanımı Sempozyumu, Invited Speaker, İzmir, Turkey, 2022
SECOND INTERNATIONAL CONGRESS ON BIOLOGICAL AND HEALTH SCIENCES, Attendee, Afyonkarahisar, Turkey, 2022
1.ULUSAL BİYOLOJİK BİLİMLER KONGRESİ, Audience, Ankara, Turkey, 2021
World Congress on Applied Nanotechnology (W-CAN2021), Audience, Erzurum, Turkey, 2021
3. INTERNATIONAL SCIENCES AND INNOVATION CONGRESS, Audience, Ankara, Turkey, 2021
1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES (ICNAS-2021), Session Moderator, Erzurum, Turkey, 2021
1st INTERNATIONAL CONGRESS ON NATURAL SCIENCES ATATÜRK UNIVERSITY, ERZURUM, TURKEY, Audience, Erzurum, Turkey, 2021
1st International Symposıum On Recent Advances In Fundamental And Applied Sciences (Isfas-2021), Audience, Erzurum, Turkey, 2021
International Biochemistry Congress/28th National Biochemistry Congress, Erzurum, Attendee, Turkey, 2017
International Biochemistry Congress/28th National Biochemistry Congress, Erzurum, Attendee, Turkey, 2017
International Biochemistry Congress/28th National Biochemistry Congress, Erzurum, Attendee, Turkey, 2017
1st Internatıonal Congress on Medıcınal and Aromatıc Plants, Attendee, Turkey, 2017
3rd International Convention of Pharmaceuticals and Pharmacies, Attendee, Turkey, 2017
3rd International Convention of Pharmaceuticals and Pharmacies, Attendee, Turkey, 2017
International Euroasia Pharmacy Congress, Attendee, Turkey, 2015
International Euroasia Pharmacy Congress, Attendee, Turkey, 2015
3rd International Congress of The Molecular Biology Association of Turkey, Attendee, Turkey, 2014
3rd International Congress of The Molecular Biology Association of Turkey, Attendee, Turkey, 2014
3rd International Congress of The Molecular Biology Association of Turkey, Attendee, Turkey, 2014
3rd International Congress of The Molecular Biology Association of Turkey, Attendee, Turkey, 2014
European Federation of National Associations of Orthopaedics and Traumatology (EFORT) Congress, Attendee, United Kingdom, 2014
2nd International Conference on Environmental Science and Technology, Attendee, Turkey, 2014
XIII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Attendee, Turkey, 2013
XIII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Attendee, Turkey, 2013
1. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Attendee, Turkey, 2010
1. Ulusal Moleküler Biyoloji ve Biyoteknoloji Kongresi, Attendee, Turkey, 2010

Scholarships

Yükseköğretim Kurulu Başkanlığı Yurtdışı Doktora Araştırma Desteği, YOK, 2015 - 2015

Non Academic Experience

The University of Tokyo