

Prof. Harun BUDAK

Personal Information

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International Researcher IDs

ScholarID: 2vud8uQAAAAJ

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Yoksis Researcher ID: 38262

Education Information

Doctorate, Ataturk University, Fen Bilimleri, Turkey 2005 - 2009

Postgraduate, Ataturk University, Fen Bilimleri, Turkey 2002 - 2005

Undergraduate, Ataturk University, Fen Fakültesi, Turkey 1998 - 2002

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Memeli Sirkadian Sisteminde Tip60 Geninin Karakterizasyonu., Atatürk Üniversitesi, Fen Bilimleri, Kimya, 2009

Postgraduate, Fare Genomunda Bulunan Bazı TCA Devri Enzim Genlerinin cDNA'larının Üretilmesi, Antisens mRNA Üretimi ve İn Situ Hibridizasyonu İle Gen Ekspresyon Analizi., Atatürk Üniversitesi, Fen Bilimleri, Kimya, 2005

Research Areas

Life Sciences, Biochemistry, Metabolism, Molecular Biochemistry, Molecular Biology and Genetics, Animal Molecular Genetics, Molecular Biology of Cancer, Chemistry, Biochemistry, Enzyme Kinetics, Natural Sciences

Academic Titles / Tasks

Professor, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2021 - Continues

Associate Professor, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2015 - 2021

Assistant Professor, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2010 - 2015

Lecturer PhD, Max Planck Institute for biophysical Chemistry, Göttingen/GERMANY , Department of Genes and Behavior, 2009 - 2011

Research Assistant, Max Planck Institute for biophysical Chemistry, Göttingen/GERMANY , Department of Genes and Behavior, 2006 - 2009

Research Assistant, Max Planck Institute of Experimental Endocrinology, Hannover/ GERMANY, 2005 - 2005

Academic and Administrative Experience

Assistant Coordinator, Ataturk University, 2016 - 2022

Atatürk Üniversitesi, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2016 - 2017

Fakülte Yönetim Kurulu Üyesi, Ataturk University, Fen Fakültesi, 2016 - 2017

Atatürk Üniversitesi, Fen Fakültesi, Moleküler Biyoloji ve Genetik, 2012 - 2016

Courses

GENOMİK ve PROTEOMİK UYGULAMALAR, Doctorate, 2022 - 2023, 2021 - 2022

Kronobiyoloji, Undergraduate, 2022 - 2023

Temel Genetik Laboratuvarı, Undergraduate, 2023 - 2024, 2020 - 2021

Kromatografi, Undergraduate, 2023 - 2024, 2022 - 2023

Kanser Biyolojisi, Undergraduate, 2023 - 2024, 2022 - 2023

Moleküler Biyokimya I, Undergraduate, 2023 - 2024, 2022 - 2023

Biyokimya Laboratuvarı, Undergraduate, 2022 - 2023, 2021 - 2022

Moleküler Biyolojide Kullanılan Yöntemler II, Undergraduate, 2022 - 2023, 2021 - 2022

Genomun Moleküler Analizi, Postgraduate, 2023 - 2024, 2021 - 2022, 2020 - 2021

Kanser Biyolojisi, Undergraduate, 2021 - 2022

KANSER GENETİĞİ VE MEKANİZMALARI, Postgraduate, 2021 - 2022

Moleküler Biyolojide Kullanılan Yöntemler I Laboratuvarı, Undergraduate, 2022 - 2023

GENOMUN MOLEKÜLER ANALİZİ, Postgraduate, 2022 - 2023

Transgenik Hayvan Teknolojileri, Undergraduate, 2022 - 2023

Biyokimya Laboratuvarı, Undergraduate, 2020 - 2021

Moleküler Biyolojide Kullanılan Yöntemler II, Undergraduate, 2020 - 2021, 2017 - 2018

Kanser Genetiği ve Mekanizmaları, Postgraduate, 2020 - 2021, 2017 - 2018

Genel Kimya Laboratuvarı 1, Undergraduate, 2021 - 2022

Gen Mühendisliği Laboratuvarı, Undergraduate, 2021 - 2022

Kanser Biyolojisi, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020

Biyokimya 1, Undergraduate, 2021 - 2022

Kromatografi, Undergraduate, 2021 - 2022, 2020 - 2021

Moleküler Biyolojide Kullanılan Yöntemler I Laboratuvarı, Undergraduate, 2020 - 2021

Genomik ve Proteomik Uygulamalar, Doctorate, 2019 - 2020

Jury Memberships

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Erzurum Teknik Üniversitesi, March, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022

Doctoral Examination, Doctoral Examination, Atatürk Üniversitesi, December, 2022

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Bilecik Şeyh Edebali Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2022

Doctoral Examination, Doctoral Examination, Erzurum Teknik Üniversitesi, November, 2022

Doctoral Examination, Doctoral Examination, Erzurum Teknik Üniversitesi, November, 2022

Associate Professor Exam, Associate Professor Exam, October, 2022

Associate Professor Exam, Associate Professor Exam, October, 2022

Appointment to Academic Staff - Associate Professorship, Appointment to Academic Staff - Associate Professorship, Bingöl Üniversitesi, September, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, July, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, July, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Ondokuz Mayıs Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, June, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, June, 2022

Associate Professor Exam, Associate Professor Exam, March, 2022

Associate Professor Exam, Associate Professor Exam, Üniversitelerarası Kurul Başkanlığı, March, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, February, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021

Associate Professor Exam, Associate Professor Exam, Atatürk Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, December, 2021

2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Ağrı İbrahim Çeçen Üniversitesi, October, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, May, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Atatürk Üniversitesi, November, 2020

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Diffractaic acid exerts anti-cancer effects on hepatocellular carcinoma HepG2 cells by inducing apoptosis and suppressing migration through targeting thioredoxin reductase 1**
Sulukoglu E. K., GÜNAYDIN Ş., Kalin S. N., ALTAY A., BUDAK H.
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.397, no.8, pp.5745-5755, 2024 (SCI-Expanded)
- II. **Parthenolide as a potential analgesic in the treatment of paclitaxel-induced neuropathic pain: the rat modeling**
TORAMAN E., BAYRAM C., Sezen S., ÖZKARACA M., HACİMÜFTÜOĞLU A., BUDAK H.
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.396, no.12, pp.3707-3721, 2023 (SCI-Expanded)
- III. **Diffractaic acid exhibits thioredoxin reductase 1 inhibition in lung cancer A549 cells**
Gunaydin S., Sulukoglu E. K., Kalin S. N., ALTAY A., BUDAK H.
JOURNAL OF APPLIED TOXICOLOGY, vol.43, no.11, pp.1676-1685, 2023 (SCI-Expanded)
- IV. **Evaluated periodontal tissues and oxidative stress in rats with neuropathic pain-like behavior**
Toraman A., Toraman E., Özkaraca M., Budak H.
MOLECULAR BIOLOGY REPORTS, vol.50, no.11, pp.9315-9322, 2023 (SCI-Expanded)
- V. **Quantitative investigation of the bacterial content of periodontal abscess samples by real-time PCR**
Ergün E., Toraman E., Barış Ö., Budak H., Demir T.
JOURNAL OF MICROBIOLOGICAL METHODS, vol.213, 2023 (SCI-Expanded)
- VI. **Effect of Evernic Acid on Human Breast Cancer MCF-7 and MDA-MB-453 Cell Lines via Thioredoxin Reductase 1: a Molecular Approach.**
Kalin Ş. N., Altay A., Budak H.
Journal of applied toxicology : JAT, vol.43, no.8, pp.1148-1158, 2023 (SCI-Expanded)
- VII. **Comparison of the efficacy of the mouse hepatic and renal antioxidant systems against inflammation-induced oxidative stress**
Hukkamlı B., Dağdelen B., Sönmez Aydın F., BUDAK H.
Cell Biochemistry and Biophysics, vol.81, no.2, pp.299-311, 2023 (SCI-Expanded)
- VIII. **Depletion of *Tip60/Kat5* affects the hepatic antioxidant system in mice**
Kocpinar E. F., Baltacı N., AKKEMİK E., BUDAK H.
JOURNAL OF CELLULAR BIOCHEMISTRY, vol.124, no.1, pp.103-117, 2023 (SCI-Expanded)
- IX. **Fluoride exposure causes behavioral, molecular and physiological changes in adult zebrafish (*Danio rerio*) and their offspring**
Karaman M., Toraman E., Sulukan E., Baran A., Bolat İ., Yıldırım S., Kankaynar M., Ghosigharehagaji A., Budak H., Ceyhun S. B.
ENVIRONMENTAL TOXICOLOGY AND PHARMACOLOGY, vol.97, 2023 (SCI-Expanded)
- X. **Inhibition of thioredoxin reductase 1 by vulpinic acid suppresses the proliferation and migration of human breast carcinoma**
Kalin S. N., ALTAY A., BUDAK H.
LIFE SCIENCES, vol.310, 2022 (SCI-Expanded)
- XI. ***Tip60/Kat5* may be a novel candidate histone acetyltransferase for the regulation of liver iron localization via acetylation**
Baltacı N., TORAMAN E., Akyuz M., Kalin S. N., BUDAK H.
BIOMETALS, vol.35, no.6, pp.1187-1197, 2022 (SCI-Expanded)

- XII. **Increased nociceptive sensitivity is associated with periodontal inflammation and expression of chronic pain genes in gingival tissues of male rats.**
Toraman A., Toraman E., Özkaraca M., Budak H.
Chemico-biological interactions, vol.366, pp.110128, 2022 (SCI-Expanded)
- XIII. **Diffraetaic acid, a novel TrxR1 inhibitor, induces cytotoxicity, apoptosis, and antimigration in human breast cancer cells**
Kalin S. N., ALTAY A., BUDAK H.
CHEMICO-BIOLOGICAL INTERACTIONS, vol.361, 2022 (SCI-Expanded)
- XIV. **Tip60 might be a candidate for the acetylation of hepatic carbonic anhydrase I and III in mice**
Gonul Baltaci N., Koçpınar E. F., Budak H.
MOLECULAR BIOLOGY REPORTS, no.11, pp.7397-7404, 2021 (SCI-Expanded)
- XV. **Coaction of hepatic thioredoxin and glutathione systems in iron overload-induced oxidative stress.**
Sönmez Aydın F., Hukkamlı B., Budak H.
Journal of biochemical and molecular toxicology, vol.35, 2021 (SCI-Expanded)
- XVI. **The protective effect of the cardiac thioredoxin system on the heart in the case of iron overload in mice.**
Altun S., Budak H.
Journal of trace elements in medicine and biology : organ of the Society for Minerals and Trace Elements (GMS), vol.64, pp.126704, 2021 (SCI-Expanded)
- XVII. **Gastroprotective effects of oleuropein and thymol on indomethacin-induced gastric ulcer in Sprague-Dawley rats**
Koç K., Çeriğ S., Uçar S., Çolak S., Bakır M., Erol H. S., Yıldırım S., Mirkhalil H., Şimşek Özek N., Aysin F., et al.
DRUG AND CHEMICAL TOXICOLOGY, vol.43, no.5, pp.441-453, 2020 (SCI-Expanded)
- XVIII. **An in vivo and in vitro comparison of the effects of amoxicillin, gentamicin, and cefazolin sodium antibiotics on the mouse hepatic and renal glutathione reductase enzyme**
Güller P., Budak H., Şişeciöğlü M., Çiftci M.
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.34, no.7, 2020 (SCI-Expanded)
- XIX. **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)
- XX. **The Effects of Amoxicillin, Cefazolin, and Gentamicin Antibiotics on the Antioxidant System in Mouse Heart Tissues**
Savci A., Kocpınar E. F., BUDAK H., Ciftci M., ŞİŞECİOĞLU M.
PROTEIN AND PEPTIDE LETTERS, vol.27, no.7, pp.614-622, 2020 (SCI-Expanded)
- XXI. **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)
- XXII. **Amoxicillin and gentamicin antibiotics treatment adversely influence the fertility and morphology through decreasing the Dazl gene expression level and increasing the oxidative stress**
Karaman M., BUDAK H., Ciftci M.
ARCHIVES OF PHYSIOLOGY AND BIOCHEMISTRY, vol.125, no.5, pp.447-455, 2019 (SCI-Expanded)
- XXIII. **Acetylation of BMAL1 by TIP60 controls BRD4-P-TEFb recruitment to circadian promoters**
PETKAU N., Budak H., ZHOU X., OSTER H., Eichele G.
ELIFE, vol.8, 2019 (SCI-Expanded)
- XXIV. **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)

- XXV. **A novel therapeutics agent: antioxidant effects of hydroxylfasudil on rat kidney and liver tissues in a protamine sulphate-induced cystitis rat model; preliminary results**
BOZKURT A., BUDAK H., Erol H. S., Can S., Mercantepe T., Akin Y., ÖZBEY İ., ÇANKAYA M., Halici M. B., ÇOBAN T. A.
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.46, pp.9-14, 2018 (SCI-Expanded)
- XXVI. **A Comparison of the Inhibitory Effects of Anti-Cancer Drugs on Thioredoxin Reductase and Glutathione S-Transferase in Rat Liver**
Özgençli I., KILIÇ D., Guller U., Ciftci M., Kufrevioglu Ö. İ., BUDAK H.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.14, pp.2053-2061, 2018 (SCI-Expanded)
- XXVII. **Lichen Acids May Be Used as A Potential Drug For Cancer Therapy; by Inhibiting Mitochondrial Thioredoxin Reductase Purified From Rat Lung**
Özgençli I., BUDAK H., Ciftci M., Anar M.
ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.18, no.11, pp.1599-1605, 2018 (SCI-Expanded)
- XXVIII. **A compendium of expression patterns of cholesterol biosynthetic enzymes in the mouse embryo**
ŞİŞECİOĞLU M., BUDAK H., GEFTERS L., ÇANKAYA M., Ciftci M., THALLER C., EICHELE G., KÜFREVİOĞLU Ö. İ., ÖZDEMİR H.
JOURNAL OF LIPID RESEARCH, vol.56, no.8, pp.1551-1559, 2015 (SCI-Expanded)
- XXIX. **Stimulation of gene expression and activity of antioxidant related enzyme in Sprague Dawley rat kidney induced by long-term iron toxicity**
Budak H., Kocpinar E. F., Gonul N., Ceylan H., Erol H. S., Erdoğan O.
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY C-TOXICOLOGY & PHARMACOLOGY, pp.44-50, 2014 (SCI-Expanded)
- XXX. **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)
- XXXI. **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)
- XXXII. **The sexually dimorphic adipose fin is an androgen target tissue in the brown trout (Salmo trutta fario)**
HİSAR O., Sönmez A. Y., HİSAR Ş. A., BUDAK H., GÜLTEPE N.
FISH PHYSIOLOGY AND BIOCHEMISTRY, vol.39, no.2, pp.233-241, 2013 (SCI-Expanded)
- XXXIII. **Purification and characterization of glutathione S transferase from turkey liver and inhibition effects of some metal ions on enzyme activity**
AKKEMİK E., GÜLLER P., AYŞEGÜL B., BUDAK H., ÇİFTÇİ M.
Environmental Toxicology And Pharmacology, vol.34, no.3, pp.888-894, 2012 (SCI-Expanded)
- XXXIV. **In vitro effects of some drugs on human erythrocyte glutathione reductase.**
AKKEMİK E., Senturk M., ÖZGERİŞ F. B., Taser P., Ciftci M.
Journal of enzyme inhibition and medicinal chemistry, vol.27, no.2, pp.18-23, 2012 (SCI-Expanded)
- XXXV. **Effects of some drugs on human erythrocyte glucose 6-phosphate dehydrogenase: an in vitro study**
Akkemik E., BUDAK H., ÇİFTÇİ M.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.25, no.6, pp.871-875, 2010 (SCI-Expanded)
- XXXVI. **Effects of some drugs on human erythrocyte 6-phosphogluconate dehydrogenase: an in vitro study**
Akkemik E., BUDAK H., ÇİFTÇİ M.
JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.25, no.4, pp.476-479, 2010 (SCI-Expanded)
- XXXVII. **An analysis of expression patterns of genes encoding proteins with catalytic activities**
ÇANKAYA M., HERNANDEZ A. M., Ciftci M., Beydemir S., Ozdemir H., Budak H., Gulcin I., COMAKLI V., EMIRCUPANI T., EKINCI D., et al.
BMC GENOMICS, vol.8, 2007 (SCI-Expanded)

Articles Published in Other Journals

I. Use of Herbal Extracts in Edible Film and Coatings

PEKDOĞAN E., Akkemik E., Hallaç B.

İğdır Üniversitesi Fen Bilimleri Enstitüsü Dergisi, vol.14, no.1, pp.271-283, 2024 (Peer-Reviewed Journal)

Books & Book Chapters

I. Western Blot Tekniği

Koçpınar E. F., Gönül N., Çakır Ş., Bastem A., Budak H. (Editor)

in: III Uygulamalı Moleküler Biyoloji Teknikleri Lisansüstü Yaz Okulu, Prof.Dr. Orhan ERDOĞAN,Doç.Dr. Saltuk Buğrahan CEYHUN,Doç.Dr. Melda ŞİŞECİOĞLU,Doç.Dr. Emre KARAKUŞ,Doç.Dr. Harun BUDAK, Editor, Aktif, Erzurum, pp.97-120, 2016

II. 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

III. Moleküler Biyoloji ve Genetik İlgili Çeşitli Veri Tabanları ve Paket Programların Kullanımları, Western Blot Tekniği

Budak H.

in: Moleküler Biyoloji Teknikleri Laboratuvar El Kitabı, Prof.Dr. Orhan ERDOĞAN, Editor, Aktif Yayınevi, Ankara, pp.37-147, 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

Refereed Congress / Symposium Publications in Proceedings

I. INVESTIGATION of THE THERAPEUTIC EFFECT OF PARTHENOLIDE on PACLITAXEL-INDUCED NEUROPATHIC PAIN in RATS

Toraman E., Budak H.

FAREAST 1st INTERNATIONAL CONFERENCE ON APPLIED SCIENCES, Ha-Noi, Vietnam, 2 - 06 July 2023, pp.78-83

II. Changes in activity of antioxidant enzymes in zebrafish muscle after chronically exposed to fluoride

Karaman M., Toraman E., Ceyhun S. B., Budak H.

5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 - 25 November 2022, pp.573-576

III. Protective Effect of Parthenolide on Paclitaxel-Induced Liver Toxicity

Keleş F., Toraman E., Budak H.

4th Eurasia Biochemical Approaches & Technologies Congress (4. EBAT), Antalya, Turkey, 3 - 06 November 2022

IV. The role of TIP60 in the regulation of metabolism and its mechanisms of action

BUDAK H.

III. International Enzyme and Bioprocess Days EBDays 2022, Tokat, Turkey, 9 September - 11 November 2022

V. Evaluation of Thioredoxin Reductase 1-Targeted Anticancer Effect of Evernic Acid on Human Lung Cancer A549 Cell Line

GÜNAYDIN Ş., KALIN Ş. N., KARACA SULUKOĞLU E., ALTAY A., BUDAK H.

4th Eurasia Biochemical Approaches & Technologies Congress (4. EBAT), Antalya, Turkey, 3 - 06 November 2022

- VI. **Anti-cancer Effect of Diffractaic Acid on Hepatocellular Carcinoma through Inducing of Apoptosis and Suppression of Metastasis**
Karaca E., Günaydın Ş., Kalın Ş. N., Altay A., Budak H.
3rd Eurasia Biochemical Approaches & Technologies Congress (3. EBAT), Antalya, Turkey, 4 - 07 November 2021, pp.64
- VII. **A Comparative Study on Antioxidant System in Mouse Liver and Kidney Affected by Lipopolysaccharide-Induced Inflammation**
Hukkamlı B., Dağdelen B., Sönmez Aydın F., Budak H.
3rd Eurasia Biochemical Approaches & Technologies Congress (3. EBAT), Antalya, Turkey, 4 - 07 November 2021, pp.59
- VIII. **Investigation of Thioredoxin Reductase-Targeted Anticancer Effect of Diffractaic Acid on Human Lung Cancer**
Günaydın Ş., Karaca E., Kalın Ş. N., Altay A., Budak H.
3rd Eurasia Biochemical Approaches & Technologies Congress (3. EBAT), Antalya, Turkey, 4 - 07 November 2021, pp.85
- IX. **Investigation of Anti-Cancer Effects of Enantiomerically Pure (S)-4-Aminoquinazoline Derivatives on Human Liver (HepG2) Cancer Cell Line**
Polat E., Karaca E., Günaydın Ş., Budak H., Çakıcı M.
3rd Eurasia Biochemical Approaches & Technologies Congress (3. EBAT), Antalya, Turkey, 4 - 07 November 2021, pp.86
- X. **Diffractaic Acid Induces Cytotoxicity and Apoptosis in MCF-7 Cell Line**
Kalın Ş. N., Altay A., Budak H.
3rd Eurasia Biochemical Approaches & Technologies Congress (3. EBAT), Antalya, Turkey, 4 - 07 November 2021, pp.51
- XI. **EFFECT of CHRONIC FLUORIDE ADMINISTRATION on ANTIOXIDANT ENZYMES in ZEBRAFISH LIVER**
Toraman E., Karaman M., Sulukan E., Ceyhun S. B., Budak H.
3. INTERNATIONAL SCIENCES AND INNOVATION CONGRESS, Ankara, Turkey, 21 - 22 November 2021, pp.71-84
- XII. **The Effect of Parthenolide on Testicular Oxidative Stress during Paclitaxel-Induced Neuropathic Pain in Rat**
Toraman E., Bayram C., Sezen S., Hacımüftüoğlu A., Budak H.
3rd Eurasia Biochemical Approaches & Technologies Congress (3. EBAT), Antalya, Turkey, 4 - 07 November 2021, pp.94
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AYBEG LAB. MED. SAĞL. TURZ. MAK. YAZILIM LTD. ŞTİ, Project Consultancy, Ataturk University, Fen Fakültesi, Moleküler Biyoloji ve Genetik, Turkey, 2021 - 2021

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Congress and Symposium Activities

1st Eurasia Biochemical Approaches & Technologies Congress, Session Moderator, Antalya, Turkey, 2018
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Araştırmada ve Tıbbi Uygulamada Kullanılan Moleküler Laboratuvar Teknikleri: Uygulamalı Eğitim Kursu, Attendee, Ankara, Turkey, 2018
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Nutrigenomik Çalıştayı, Invited Speaker, Erzurum, Turkey, 2015
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XIII. Tıbbi Biyoloji ve Genetik Kongresi, Attendee, Aydın, Turkey, 2013
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XXII.Ulusal Biyokimya Kongresi, Invited Speaker, Eskişehir, Turkey, 2010

8th International Conference on the Carbonic Anhydrase, Attendee, Firenze, Italy, 2009

Horizons in Molecular Biology", 5th International PhD Student Symposium, Attendee, Göttingen, Germany, 2008

Introductory Course in Laboratory Animals: Handling, Techniques and Theory, Attendee, Göttingen, Germany, 2008

Scholarships

Doktora Sonrası Araştırma Bursu, Other International Organizations, 2009 - 2011

Doktora Bursu, Other International Organizations, 2006 - 2009

Yüksek Lisans Bursu, Other International Organizations, 2005 - 2005

Awards

BUDAK H., Biyokimya Dalında Poster Birincilik Ödülü., XIX.Ulusal Kimya Kongresi Organizasyon Komitesi, July 2005

Non Academic Experience

Other Public Institution, Max Planck Institute For Biophysical Chemistry, Göttingen/Germany

State Agency, Max Planck Institute For Biophysical Chemistry, Göttingen/Germany

State Agency, Max Planck Institute Of Experimental Endocrinology, Hannover/Germany