

## Prof. ORHAN ADALI

### Personal Information

**Birthyear:** 1957

**Place of birth:** Bursa

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### Education Information

Doctorate, Middle East Technical University, Graduate School of Natural and Applied Sciences, Biyokimya (Dr), Turkey  
1983 - 1989

### Foreign Languages

English, C1 Advanced

### Research Areas

Life Sciences, Biochemistry, Biochemical Toxicology, Biomolecules, Enzymology, Food Biochemistry, Metabolism, Molecular Biochemistry, Molecular Biology and Genetics, Genetic Disorders, Molecular Biology of Cancer, Neurobiology, Natural Sciences

### Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Arts and Sciences, Moleküler Biyoloji Ve Genetik Bölümü, 1999 - Continues

Associate Professor, Middle East Technical University, Faculty of Arts and Sciences, Moleküler Biyoloji Ve Genetik Bölümü, 1994 - 1999

Assistant Professor, Middle East Technical University, Faculty of Arts and Sciences, Moleküler Biyoloji Ve Genetik Bölümü, 1992 - 1994

Lecturer, Middle East Technical University, Faculty of Arts and Sciences, Moleküler Biyoloji Ve Genetik Bölümü, 1989 - 1992

Research Assistant, Middle East Technical University, Faculty of Arts and Sciences, Moleküler Biyoloji Ve Genetik Bölümü, 1980 - 1989

### Professional Experience

Rectorate Commissioner, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, 2017 - Continues

Head of Department, Middle East Technical University, Faculty of Arts and Sciences, Department of Biology, 2014 -

Continues

Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Middle East Technical University, Faculty Of Arts And Sciences, Department Of Biology, 2018 - 2019

## Courses

Biochemistry Laboratory, Under Graduate, 2017 - 2018

## Advising Theses

Adalı O., Investigation of the effects of plant phenolic oleuropein on expression levels of xenobiotic metabolizing enzymes along with potential cytotoxic and genotoxic impact on human colon cancer cell line HT-29, Post Graduate, E.DURMUŞ(Student), 2018

ADALI O., Investigation of the effects of combine use of cisplatin and metformin on proliferation of prostate cancer cell lines and GSTP, CYP17A1 and hexokinase II enzymes, Post Graduate, Ö.DURUKAN(Student), 2016

ÇORUH N., ADALI O., Research of phytochemical AMPK activators against obesity and development of dietary supplements, Doctorate, Y.KÜMBET(Student), 2016

ADALI O., Effects of resveratrol and quercetin on vitamin d metabolizing cytochrome p450 enzymes, Post Graduate, M.AKKULAK(Student), 2016

ÇORUH N., ADALI O., The effects of plant originated bioactive compounds on melanogenesis and tyrosinase, Doctorate, Ş.ŞAHİN(Student), 2016

ADALI O., Effects of the plant phenolic quercetin on protein and mRNA expressions of xenobiotic metabolizing CYP1A1, CYP2E1, NQO1 and GST enzymes in colon cancer cell line sw620, Post Graduate, M.ÜLGER(Student), 2015

ADALI O., The effects of folk medicinal plants *Viscum album* L. and *Epilobium hirsutum* L. on protein and mrna expressions of rat liver bile acid synthesizing CYPs, Doctorate, T.ÇULCU(Student), 2015

ÇORUH N., ADALI O., Investigation of plant derived substances that promote the biosynthesis of collagen; development of cosmetic and dermatological skin care products, Doctorate, A.KURT(Student), 2015

ADALI O., Genetic polymorphism of vitamin D3 metabolising cytochrome p450 (CYPS) enzymes and risk of ischemic stroke in turkish population, Post Graduate, T.ÖNER(Student), 2015

ADALI O., Analysis of protein and mRNA expressions of CYP1A1, CYP2E1, NQO1 and GST enzymes in liver, colon and prostate cancer cell lines to study drug and carcinogen metabolism, Post Graduate, E.EVİN(Student), 2014

ADALI O., Association analysis of glutathione S-transferase omega 1 and omega 2 genetic polymorphisms and ischemic stroke risk in Turkish population, Post Graduate, E.BİLGİN(Student), 2014

ADALI O., Investigation of the effects of folk medicinal plant *Epilobium hirsutum* L. on cytochrome P450 dependent and antioxidant enzymes: A molecular approach, Doctorate, S.KARAKURT(Student), 2013

ADALI O., Analysis of immunoreactivity of nos isoforms(nNOS, eNOS, iNOS) in hippocampus of young rats classified as good and poor learners., Post Graduate, E.KEÇECİOĞLU(Student), 2012

ADALI O., Association between gamma aminobutyric acid (GABA) type B receptor gene polymorphisms and idiopathic generalized epilepsy, Post Graduate, E.EROĞLU(Student), 2012

ADALI O., Study on the molecular basis of individual variation in spatial memory in rats, Doctorate, Ç.GÖKÇEK(Student), 2012

ADALI O., Effect of medicinal plants *Epilobium hirsutum* L. and *Viscum album* L. on rat liver flavin-containing monooxygenase activity and expression, Post Graduate, H.UFUK(Student), 2012

ADALI O., In vivo effect of *Epilobium hirsutum* L. and *Viscum album* L. on protein and mRNA expressions of rat liver vitamin D3 metabolizing CYP24A1 and CYP27B1 enzymes, Post Graduate, M.SEVER(Student), 2012

ADALI O., Association of the CYP2E1, FM03, NQO1, GST and NOS3 genetic polymorphisms with ischemic stroke risk in Turkish population, Doctorate, A.ÖZÇELİK(Student), 2011

ADALI O., Analysis of cytochrome P4501A1 genetic polymorphisms in patients with ischemic stroke, Post Graduate, A.ÇINAR(Student), 2011

ADALI O., Polymorphisms of epoxide hydrolase genes and ischemic stroke risk in Turkish population, Post Graduate, Y.MİÇOOĞULLARI(Student), 2011

ADALI O., Association of CYP2E1, NQO1 and GST genetic polymorphisms with risk of acute lymphoblastic leukemia in Turkish children, Doctorate, G.ULUSOY(Student), 2009

ADALI O., Pharmacogenetics of childhood acute lymphoblastic leukemia: Investigation of frequency of TPMT risk alleles for thiopurine toxicity and the role of SULT1A1, EPHX1 polymorphisms as risk factors for development of the disease, Doctorate, T.TÜMER(Student), 2009

ADALI O., The effects of phenolic compound tannic acid on phase II and cytochrome p450 dependent enzymes in rabbit liver and kidney, Post Graduate, S.KARAKURT(Student), 2008

ADALI O., Effects of benzene on liver, kidney and lung CYP1A, CYP2B4, CYP2E1 and CYP3A6 mRNA, protein level, and drug metabolizing enzyme activities and toxicity in diabetic rabbits, Doctorate, Ş.ARSLAN(Student), 2008

ADALI O., Apolipoprotein A5 genetic polymorphisms in Turkish population and the risk of ischemic stroke, Post Graduate, E.ŞAHİN(Student), 2008

ADALI O., Investigation of the association between genetic and activity polymorphisms of paraoxonase 1 and ischemic stroke risk, Doctorate, B.CAN(Student), 2007

ADALI O., Human serum arylesterase and glutathione S-transferase activities in patients with ischemic stroke compared to healthy controls, Post Graduate, A.TÜRKANOĞLU(Student), 2007

ADALI O., Characterization and modulation by drugs and other effectors of bovine liver microsomal flavin monooxygenase (FMO), Post Graduate, D.FULYA(Student), 2004

ADALI O., Genetic polymorphisms of alcohol inducible CYP2E1 in Turkish population, Post Graduate, G.ULUSOY(Student), 2004

ADALI O., Cytochrome P450 dependent drug metabolism in diabetic rabbits, Post Graduate, Ş.ARSLAN(Student), 2003

ADALI O., Sheep liver microsomal flavin-monoxygenases: Characterization and effect of some modulators, Post Graduate, B.CAN(Student), 2002

ADALI O., Characterization and comparison of sheep and bovine liver beta-galactosidase, Post Graduate, A.ERCAN(Student), 2001

BİLGİN C. C. , ADALI O., Studies on carnivores of Düzlerçamı game reserve, Antalya, Post Graduate, A.CEREN(Student), 1999

ADALI O., Effects of pyridine on rabbit liver, kidney and lung microsomal cytochrome P450 dependent drug metabolizing enzymes, Post Graduate, A.MİNE(Student), 1995

ADALI O., Immunochemical and sub-structural characterization of sheep lung cytochrome P450LgM2, Post Graduate, T.MOHAMMED(Student), 1993

## Jury Memberships

Award, Aziz Sancar Bilim Hizmet ve Teşvik Ödülü, Middle East Technical University, September, 2018  
Associate Professor Exam, Associate Professor Exam, Middle East Technical University, August, 2018

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Plant phenolic oleuropein inhibits HT-29 colon cancer cell proliferation through DNA damage, ROS generation and downregulation of xenobiotic metabolizing enzymes**  
Durmus E., KOÇYİĞİT A., ADALI O.  
FEBS OPEN BIO, vol.9, pp.344, 2019 (Journal Indexed in SCI)
- **EVALUATION OF IN VIVO EFFECTS OF VISCUM ALBUM L. AND ITS CONSTITUENT O-COUMARIC ACID ON BILE ACID SYNTHESIZING CYPs**  
Ege T., Ozkan A. M. G. , Sena A., ADALI O.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.28, pp.2825-2834, 2019 (Journal Indexed in SCI)
- **Association analysis of Glutathione S-transferase omega-1 and omega-2 genetic polymorphisms and**

**ischemic stroke risk in a Turkish population**

Bilgin E., Can Demirdöğen B., Ozcelik A. T. , Demirkaya S., Adali O.

NEUROLOGICAL RESEARCH, vol.41, pp.118-124, 2019 (Journal Indexed in SCI)

**Effect of cisplatin treatment on protein expression of vitamin D metabolizing CYP24A1 in PC3 cell line**

EVİN E., Durukan O., AKKULAK M., ADALI O.

FEBS OPEN BIO, vol.8, pp.326, 2018 (Journal Indexed in SCI)

**Alteration of protein and gene expressions of Hexokinase II in PC3 cell lines by cisplatin-metformin combination treatment**

Durukan O., Akkulak M., Evin E., ARSLAN S., Adali O.

FEBS OPEN BIO, vol.8, pp.352, 2018 (Journal Indexed in SCI)

**Effect of quercetin on mRNA and protein expressions of vitamin D metabolizing CYP27B1 and CYP24A1 in human embryonic kidney cell line (HEK-293)**

Akkulak M., Evin E., Durukan O., Ozhan G., Adali O.

FEBS OPEN BIO, vol.8, pp.352, 2018 (Journal Indexed in SCI)

**Alteration of drug pharmacokinetics with medicinal plant *Viscum album L.* by rendering major cytochrome P450 activities**

ŞEN A., ÇELİK TURGUT G., GENÇLER ÖZKAN A. M. , ADALI O.

FEBS OPEN BIO, vol.8, pp.229, 2018 (Journal Indexed in SCI Expanded)

**Relationship between the hippocampal expression of selected cytochrome P450 isoforms and the animal performance in the hippocampus-dependent learning task**

Gjota-Ergin S., Gokcek-Sarac C., ADALI O., Jakubowska-Dogru E.

NEUROSCIENCE LETTERS, vol.673, pp.104-110, 2018 (Journal Indexed in SCI)

**Genetic polymorphisms of vitamin D3 metabolizing CYP24A1 and CYP2R1 enzymes in Turkish patients with ischemic stroke**

ÖZÇELİK A., ÖNER T., Demirdogen B. C. , BEK V. S. , DEMİRKAYA Ş., ADALI O.

NEUROLOGICAL RESEARCH, vol.40, pp.364-371, 2018 (Journal Indexed in SCI)

**Association of cytochrome P4502E1 and NAD(P)H:quinone oxidoreductase 1 genetic polymorphisms with susceptibility to large artery atherosclerotic ischemic stroke: a case-control study in the Turkish population**

Ozcelik A. T. , CAN DEMİRDÖĞEN B., Demirkaya S., ADALI O.

NEUROLOGICAL SCIENCES, vol.38, pp.1077-1085, 2017 (Journal Indexed in SCI)

**In vivo examination of the effects of hydroxycinnamic acid on xenobiotic metabolizing and antioxidant enzymes**

SEMİZ A., Celik-Turgut G., KARAKURT S., AKÇA H., ARSLAN Ş., ADALI O., ŞEN A.

ARCHIVES OF BIOLOGICAL SCIENCES, vol.69, pp.103-110, 2017 (Journal Indexed in SCI)

**Inhibitory action of *Epilobium hirsutum* extract and its constituent ellagic acid on drug-metabolizing enzymes**

Celik G., SEMİZ A., KARAKURT S., GENÇLER ÖZKAN A. M. , ARSLAN Ş., ADALI O., ŞEN A.

EUROPEAN JOURNAL OF DRUG METABOLISM AND PHARMACOKINETICS, vol.41, pp.109-116, 2016 (Journal Indexed in SCI)

**Contribution of ellagic acid on the antioxidant potential of medicinal plant *Epilobium hirsutum***

Karakurt S., SEMİZ A., Celik G., GENÇLER ÖZKAN A. M. , ŞEN A., ADALI O.

NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, vol.68, pp.173-183, 2016 (Journal Indexed in SCI)

**Tannic Acid Inhibits Proliferation, Migration, Invasion of Prostate Cancer and Modulates Drug Metabolizing and Antioxidant Enzymes**

KARAKURT S., ADALI O.

ANTI-CANCER AGENTS IN MEDICINAL CHEMISTRY, vol.16, pp.781-789, 2016 (Journal Indexed in SCI)

**Alteration of enzyme activities and kinetic properties of GST and NQO1 with naturally occurring phenolic compounds**

KARAKURT S., Sever M., Celebioglu H. U. , ADALI O.

TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.40, pp.251-257, 2015 (Journal Indexed in SCI)

● **Importance of NOS3 Genetic Polymorphisms in the Risk of Development of Ischemic Stroke in the Turkish Population**

ÖZÇELİK A., CAN DEMİRDÖĞEN B., Demirkaya S., ADALI O.

GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.18, pp.797-803, 2014 (Journal Indexed in SCI)

● **Hippocampal levels of ChAT, PKA, phospho-PKA and phospho-CaMKII alpha but not CaMKII alpha positively correlate with spatial learning skills in rats**

Gokcek-Sarac C., ADALI O., Jakubowska-Dogru E.

NEUROSCIENCE LETTERS, vol.545, pp.112-116, 2013 (Journal Indexed in SCI)

● **Flavin containing monooxygenase 3 genetic polymorphisms Glu158Lys and Glu308Gly and their relation to ischemic stroke**

Ozcelik A. T. , Demirdogen B. C. , Demirkaya S., ADALI O.

GENE, vol.521, pp.116-121, 2013 (Journal Indexed in SCI)

● **Epilobium hirsutum alters xenobiotic metabolizing CYP1A1, CYP2E1, NQO1 and GPx activities, mRNA and protein levels in rats**

Karakurt S., SEMİZ A., Celik G., GENÇLER ÖZKAN A. M. , ŞEN A., ADALI O.

PHARMACEUTICAL BIOLOGY, vol.51, pp.650-658, 2013 (Journal Indexed in SCI)

● **Cytochrome P4501A1 genotypes and smoking- and hypertension-related ischemic stroke risk**

CAN DEMİRDÖĞEN B., Adali A. C. , Bek S., Demirkaya S., ADALI O.

HUMAN & EXPERIMENTAL TOXICOLOGY, vol.32, pp.483-491, 2013 (Journal Indexed in SCI)

● **A Comparative Study for the Evaluation of Two Doses of Ellagic Acid on Hepatic Drug Metabolizing and Antioxidant Enzymes in the Rat**

Celik G., SEMİZ A., Karakurt S., ARSLAN Ş., ADALI O., ŞEN A.

BIOMED RESEARCH INTERNATIONAL, 2013 (Journal Indexed in SCI)

● **Correlation between hippocampal levels of neural, epithelial and inducible NOS and spatial learning skills in rats**

Gokcek-Sarac C., Karakurt S., ADALI O., Jakubowska-Dogru E.

BEHAVIOURAL BRAIN RESEARCH, vol.235, pp.326-333, 2012 (Journal Indexed in SCI)

● **Apolipoprotein A5 polymorphisms in Turkish population: association with serum lipid profile and risk of ischemic stroke**

CAN DEMİRDÖĞEN B., Sahin E., Ozcelik A. T. , Bek S., Demirkaya S., ADALI O.

MOLECULAR BIOLOGY REPORTS, vol.39, pp.10459-10468, 2012 (Journal Indexed in SCI)

● **EFFECT OF TANNIC ACID ON GLUTATHIONE S-TRANSFERASE AND NAD(P)H: QUINONE OXIDOREDUCTASE 1 ENZYMES IN RABBIT LIVER AND KIDNEY**

KARAKURT S., ADALI O.

FRESENIUS ENVIRONMENTAL BULLETIN, vol.20, pp.1804-1811, 2011 (Journal Indexed in SCI)

● **Association analysis of GSTT1, GSTM1 genotype polymorphisms and serum total GST activity with ischemic stroke risk**

Turkanoglu A., Demirdogen B. C. , Demirkaya S., Bek S., ADALI O.

NEUROLOGICAL SCIENCES, vol.31, pp.727-734, 2010 (Journal Indexed in SCI)

● **Analysis of paraoxonase 1 (PON1) genetic polymorphisms and activities as risk factors for ischemic stroke in Turkish population**

Demirdogen B. C. , Demirkaya S., Turkanoglu A., Bek S., Arinc E., ADALI O.

CELL BIOCHEMISTRY AND FUNCTION, vol.27, pp.558-567, 2009 (Journal Indexed in SCI)

● **Metabolism of methimazole by bovine liver microsomal flavine monooxygenase: modulation by imipramine and chlorpromazine, comparison with sheep enzyme**

Aktas D. F. , Demirdogen B. C. , ADALI O.

TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.34, pp.44-50, 2009 (Journal Indexed in SCI)

● **Paraoxonase/arylesterase ratio, PON1 192Q/R polymorphism and PON1 status are associated with increased risk of ischemic stroke**

Demirdogen B. C. , Turkanoglu A., Bek S., Sanisoglu Y., Demirkaya S., Vural O., Arinc E., ADALI O.  
CLINICAL BIOCHEMISTRY, vol.41, pp.1-9, 2008 (Journal Indexed in SCI)

**Genotype and allele frequencies of polymorphic CYP2E1 in the Turkish population**

Ulusoy G., Arinc E., Adali O.

ARCHIVES OF TOXICOLOGY, vol.81, pp.711-718, 2007 (Journal Indexed in SCI)

**The low frequency of defective TPMT alleles in Turkish population: A study on pediatric patients with acute lymphoblastic leukemia**

Tumer T. B. , Ulusoy G., Adali O., Sahin G., Gozdasoglu S., Arinc E.

AMERICAN JOURNAL OF HEMATOLOGY, vol.82, pp.906-910, 2007 (Journal Indexed in SCI)

**Effects of diabetes on rabbit kidney and lung CYP2E1 and CYP2B4 expression and drug metabolism and potentiation of carcinogenic activity of N-nitrosodimethylamine in kidney and lung**

Arinc E., Arslan S., Bozcaarmutlu A., Adali O.

FOOD AND CHEMICAL TOXICOLOGY, vol.45, pp.107-118, 2007 (Journal Indexed in SCI)

**Significance of genetic Polymorphisms at multiple loci of CYP2E1 in the risk of development of childhood acute lymphoblastic leukemia**

Ulusoy G., Adali O., Tumer T. B. , Sahin G., Gozdasoglu S., Arinc E.

ONCOLOGY, vol.72, pp.125-131, 2007 (Journal Indexed in SCI)

**Differential effects of diabetes on CYP2E1 and CYP2B4 proteins and associated drug metabolizing enzyme activities in rabbit liver**

Arinc E., Arslan S., Adali O.

ARCHIVES OF TOXICOLOGY, vol.79, pp.427-433, 2005 (Journal Indexed in SCI)

**Characterization and modulation by drugs of sheep liver microsomal flavin monooxygenase activity**

Demirdögen B. C. , ADALI O.

Cell Biochemistry and Function, vol.23, pp.245-251, 2005 (Journal Indexed in SCI)

**Characterization and modulation by drugs of sheep liver microsomal flavin monooxygenase activity**

Demirdogen B., Adali O.

CELL BIOCHEMISTRY AND FUNCTION, vol.23, pp.245-251, 2005 (Journal Indexed in SCI)

**Stimulation of aniline, p-nitrophenol and N-nitrosodimethylamine metabolism in kidney by pyridine pretreatment of rabbits**

Arinc E., Adali O., Gencler-Ozkan A.

ARCHIVES OF TOXICOLOGY, vol.74, pp.527-532, 2000 (Journal Indexed in SCI)

**Induction of N-nitrosodimethylamine metabolism in liver and lung by in vivo pyridine treatments of rabbits**

Arinc E., Adali O., Gencler-Ozkan A.

ARCHIVES OF TOXICOLOGY, vol.74, pp.329-334, 2000 (Journal Indexed in SCI)

**Characterization and structure-function studies of human liver flavin monooxygenase isozyme 3 (FM03)**

ADALI O., Philpot R. M.

Turkish Journal of Zoology, vol.23, pp.45-52, 1999 (Journal Indexed in SCI Expanded)

**The effect of arginine-428 mutation on modulation of activity of human liver flavin monooxygenase 3 (FM03) by imipramine and chlorpromazine**

Adali O., Carver G., Philpot R.

EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY, vol.51, pp.271-276, 1999 (Journal Indexed in SCI)

**Structure-function of cytochromes P450 and flavin-containing monooxygenases - Implications for drug metabolism**

Halpert J., Domanski T., Adali O., Biagini C., Cosme J., Dierks E., Johnson E., Jones J., de Montellano P., Philpot R., et al.

DRUG METABOLISM AND DISPOSITION, vol.26, pp.1223-1231, 1998 (Journal Indexed in SCI)

**Effect of modification of sheep lung cytochrome P450LgM2(2B) by ethylacetimidate in hydroxylation activity**

Adali O.

BIOCHEMICAL ARCHIVES, vol.14, pp.241-246, 1998 (Journal Indexed in SCI)

- **Modulation of human flavin-containing monooxygenase 3 activity by tricyclic antidepressants and other agents: Importance of residue 428**  
Adali O., Carver G., Philpot R.  
ARCHIVES OF BIOCHEMISTRY AND BIOPHYSICS, vol.358, pp.92-97, 1998 (Journal Indexed in SCI)
- **Characterization of beta-galactosidase immobilized into poly(hydroxyethylmethacrylate) membranes**  
Adali O., Baran T., Arica M.  
BIOCHEMICAL ARCHIVES, vol.14, pp.123-129, 1998 (Journal Indexed in SCI)
- **Characterization of  $\beta$ -galactosidase immobilized into poly(hydroxyethyl methacrylate) membranes**  
ADALI O., Baran T., Arica M.  
Biochemical Archives, vol.14, pp.123-129, 1998 (Journal Indexed in SCI Expanded)
- **Immunochemical and sub-structural characterization of sheep lung cytochrome P450LgM2**  
Adali O., AbuBaker T., Arinc E.  
INTERNATIONAL JOURNAL OF BIOCHEMISTRY & CELL BIOLOGY, vol.28, pp.363-372, 1996 (Journal Indexed in SCI)
- **Tissue- and species-dependent expression of sheep lung microsomal cytochrome p4502B(LgM2)**  
Arinc E., Hanukoglu I., Sen A., Adali O.  
BIOCHEMISTRY AND MOLECULAR BIOLOGY INTERNATIONAL, vol.37, pp.1121-1126, 1995 (Journal Indexed in SCI)
- **DIFFERENT INFLUENCES OF 2 FRACTIONS OF LUNG CYTOCHROME-B5 ON RECONSTITUTED LUNG BENZPHETAMINE N-DEMETHYLASE SYSTEM**  
ARINC E., ADALI O., PASHA R., BASARAN N.  
INTERNATIONAL JOURNAL OF BIOCHEMISTRY & CELL BIOLOGY, vol.27, pp.1095-1105, 1995 (Journal Indexed in SCI)
- **STIMULATORY EFFECTS OF LUNG CYTOCHROME B5 ON BENZPHETAMINE N-DEMETHYLATION IN A RECONSTITUTED SYSTEM CONTAINING LUNG CYTOCHROME P450LGM2**  
ARINC E., PASHA R., ADALI O., BASARAN N.  
INTERNATIONAL JOURNAL OF BIOCHEMISTRY, vol.26, pp.1033-1042, 1994 (Journal Indexed in SCI)
- **PURIFICATION AND CHARACTERIZATION OF 2 FORMS OF SOLUBLE NADH CYTOCHROME-B5 REDUCTASES FROM HUMAN ERYTHROCYTES**  
ARINC E., GURAY T., SAPLAKOGLU U., ADALI O.  
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY B-BIOCHEMISTRY & MOLECULAR BIOLOGY, vol.101, pp.235-242, 1992 (Journal Indexed in SCI)
- **STIMULATORY EFFECTS OF BENZENE ON RABBIT LIVER AND KIDNEY MICROSOMAL CYTOCHROME-P-450 DEPENDENT DRUG-METABOLIZING-ENZYMES**  
ARINC E., ADALI O., ISCAN M., GURAY T.  
ARCHIVES OF TOXICOLOGY, vol.65, pp.186-190, 1991 (Journal Indexed in SCI)
- **ELECTROPHORETIC, SPECTRAL, CATALYTIC AND IMMUNOCHEMICAL PROPERTIES OF HIGHLY PURIFIED CYTOCHROME-P-450 FROM SHEEP LUNG**  
ADALI O., ARINC E.  
INTERNATIONAL JOURNAL OF BIOCHEMISTRY, vol.22, pp.1433-1432, 1990 (Journal Indexed in SCI)
- **SOLUBILIZATION AND PARTIAL-PURIFICATION OF 2 FORMS OF CYTOCHROME-P-450 FROM TROUT LIVER-MICROSOMES**  
ARINC E., ADALI O.  
COMPARATIVE BIOCHEMISTRY AND PHYSIOLOGY B-BIOCHEMISTRY & MOLECULAR BIOLOGY, vol.76, pp.653-662, 1983 (Journal Indexed in SCI)

### Articles Published in Other Journals

- **Effects of folk medicinal plant epilobium hirsutum l. And its ingredient ellagic acid on rat liver bile acid synthesizing cyps in rats**

## Refereed Congress / Symposium Publications in Proceedings

- **Sanguisorba minor subsp. Balearica inhibit production of cytokines in a chronic model of inflammation induced by complete Freund's adjuvant**  
Genc A. I. , ADALI O., Kul O., Ozkan A. M. G.  
55th Congress of the European-Societies-of-Toxicology (EUROTOX) - Toxicology - Science Providing Solutions, Helsinki, Finland, 8 - 11 September 2019, vol.314
- **Analysis of Protein and mRNA Expressions of CYP1A1 and CYP2E1 Enzymes In Liver, Colon And Prostate Cancer Cell Lines to Study Drug and Carcinogen Metabolism**  
Evin E., Karakurt S., Akkulak M., Adalı O.  
International Congress on Advances in BioScience and Biotechnology, Sarajevo, Bosnia And Herzegovina, 25 - 29 October 2017, pp.59
- **Metformin – Cisplatin Combination Treatment Alters mRNA Expression of Hexokinase II Gene in LNCaP and PC3 Prostate Cancer Cell Lines**  
Durukan Ö., Evin E., Arslan Ş., Adalı O.  
3rd International Symposium on Euroasian Biodiversity, Minsk, Belarus, 5 - 08 July 2017, pp.323
- **Investigation of Three Tanacetum L. Taxa From Turkey on The Proliferation of Human Prostate Cancer Cells and Expression of Detoxification Enzyme Activity**  
Arituluk Z. C. , Evin E., Karakurt S., Ezer N., Adalı O., Gençler Özkan A. M.  
The 21th International Congress Phytopharm, Graz, Austria, 2 - 05 July 2017, pp.10
- **Analysis of protein and mRNA expressions of NQO1 and GST-pi enzymes in liver, colon and prostate cancer cell lines to study drug and carcinogen metabolism**  
EVİN E., KARAKURT S., ADALI O.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.140
- **Cytotoxic effect of two endemic subspecies of Tanacetum praeteritum (Horw.) Hey-wood (Asteraceae) from Turkey on cervical carcinoma**  
ARITULUK Z. C. , KARAKURT S., Ezer N., ADALI O., Gencler-Ozkan A. M.  
FEBS EMBO 2014 Conference, Paris, France, 30 August - 04 September 2014, vol.281, pp.556
- **Effects of plant phenolic compounds tannic acid and resveratrol on prostate cancer metastasis**  
KARAKURT S., AKKULAK M., EVİN E., ADALI O.  
FEBS EMBO 2014 Conference, Paris, France, 30 August - 04 September 2014, vol.281, pp.460
- **Association analysis of GSTO2 Asn142Asp genetic polymorphism and ischemic stroke risk in Turkish population**  
CAN DEMİRDÖĞEN B., Bilgin E., Ozcelik A., Demirkaya S., ADALI O.  
FEBS EMBO 2014 Conference, Paris, France, 30 August - 04 September 2014, vol.281, pp.100
- **Modulation of protein and mRNA expressions of rat liver vitamin D3 metabolizing CYP27B1 by o-coumaric acid**  
ADALI O., Sever M., Karakurt S., ŞEN A.  
38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.174-175
- **In vivo effect of epilobium hirsutum on xenobiotic metabolising CYP2E1, CYP1A1, glutathione peroxidase and NAD(P)H:quinone oxidoreductase 1 enzymes in rat liver**  
Karakurt S., SEMİZ A., Celik G., Gencler-Ozkan A. M. , ŞEN A., ADALI O.  
22nd IUBMB Congress/37th FEBS Congress, Sevilla, Spain, 4 - 09 September 2012, vol.279, pp.90
- **The effects of folk medicinal plant viscum album l. On protein and mRNA expressions of CYP27A1 in rat liver**



Culcu T., Gencler-Ozkan A. M. , ŞEN A., ADALI O.

22nd IUBMB Congress/37th FEBS Congress, Sevilla, Spain, 4 - 09 September 2012, vol.279, pp.97

**Association between nitric oxide synthase 3 G894T and intron 4 VNTR genetic polymorphisms and ischemic stroke risk in Turkish population**

Ozcelik A. T. , Demirdogen B. C. , Akgun H., Bek S., Demirkaya S., ADALI O.

22nd IUBMB Congress/37th FEBS Congress, Sevilla, Spain, 4 - 09 September 2012, vol.279, pp.193

**Idiopathic generalized epilepsy and gamma amino butyric acid (GABA) B1 receptor genetic polymorphisms (G1465a and C59T) in Turkish population**

Demirdogen B. C. , Eroglu E., Micoogullari Y., Bek S., ADALI O.

22nd IUBMB Congress/37th FEBS Congress, Sevilla, Spain, 4 - 09 September 2012, vol.279, pp.316-317

**Analysis of microsomal epoxide hydrolase tyr113his and his139ARG genotypes with ischemic stroke risk in Turkish population**

Micoogullari Y., Eroglu E., Ozcelik A. T. , Demirdogen B. C. , Akgun H., Demirkaya S., ADALI O.

36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.268-269

**Effect of ellagic acid and tannic acid on xenobiotic metabolizing cytochrome P450 and flavin monooxygenase enzymes in rabbit liver**

Karakurt S., ADALI O.

36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.330

**Antioxidant capacity of epilobium hirsutum in rats**

Todurga Z. G. , Adali O., Celik G., Karakurt A. S. S. , Sen A.

36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.235

**Modulations of drug metabolizing enzymes by in vivo treatment of epilobium hirsutum extract in rat**

Ozyurt R., Semiz A., Celik G., Karakurt S., Arslan S., Gencler-Ozkan A. M. , Adali O., Sen A.

36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.225-226

**In vivo effects of epilobium hirsutum extract on different glutathione transferase isozymes**

Semiz A., Celik G., Karakurt S., Arslan S., Gencler-Ozkan A. M. , Adali O., Sen A.

36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.233

**Effects of ellagic acid on CYP2E1, CYP1A1, CYP1A2, NQO1 and GSTMu enzymes in rat**

Sen A., Celik G., Semiz A., Karakurt S., Adali O.

36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.241

**Genetic polymorphisms of the human cytochrome p450e1 and nad(p)h: quinon-e oxidoreductase 1 genes and susceptibility to ischemic stroke**

Ozcelik A. T. , Micoogullari Y., Demirdogen B. C. , Akgun H., Bek S., Demirkaya S., ADALI O.

36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.277

**Effect of ellagic acid on p53 and PTEN in various cell lines**

Gul O. A. , Celik G., Akca H., Adali O., Sen A.

36th FEBS Congress of the Biochemistry for Tomorrows Medicine, Torino, Italy, 25 - 30 June 2011, vol.278, pp.209

**SIGNIFICANCE OF CYP2E1 AND NQO1 POLYMORPHISMS IN THE RISK OF DEVELOPMENT OF CHILDHOOD ACUTE LYMPHOBLASTIC LEUKEMIA**

Ulusoy G., Tumer T. B. , ADALI O., Sahin G., Arinc E.

10th European Regional Meeting of the International-Society-for-the-Study-of-Xenobiotics, Vienna, Austria, 18 - 21 May 2008, vol.40, pp.134-135

**THE ROLE OF SULT1A1 AND EPHX1 POLYMORPHISMS AS RISK MODIFIERS IN CHILDHOOD ACUTE LYMPHOBLASTIC LEUKEMIA IN TURKISH POPULATION: A CASE-CONTROL STUDY**

Tumer T. B. , Ulusoy G., ADALI O., Sahin G., Arinc E.

10th European Regional Meeting of the International-Society-for-the-Study-of-Xenobiotics, Vienna, Austria, 18 - 21 May 2008, vol.40, pp.141-142

**PON1 192RR genotype is a risk factor for ischemic stroke**

Demirdogen B. C. , Turkanoglu A., Bek S., Demirkaya S., Vural O., Arinc E., ADALI O.

32nd Congress of the Federation-of-European-Biochemical-Societies (FEBS), Vienna, Austria, 7 - 12 July 2007, vol.274, pp.286

● **A comparative study on human serum paraoxonase 1 and arylesterase: effects of metals on enzyme activity**

Demirdogen B. C. , Turkanoglu A., Kalin C., Sahin E., Arinc E., Adali O.

31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.141

● **Carcinogen-activating cytochrome P4502E1 variants in Turkish population**

Ulusoy G., Arinc E., Adali O.

31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.259

● **Additive effects of benzene and alloxan-induced diabetes on carcinogenic potential of nitrosodimethylamine in liver**

Arslan S., Adali O., Arinc E.

31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.206

● **CYP2E1 \*5B and \*6 polymorphisms are possible risk factors in the development of childhood acute lymphoblastic leukemia**

Ulusoy G., Adali O., Tumer T. B. , Sahin G., Gozdasoglu S., Arinc E.

9th European Meeting of the International-Society-for-the-Study-of-Xenobiotics (ISSX), Manchester, United Kingdom, 4 - 07 June 2006, vol.38, pp.21-22

● **Genetic polymorphisms of thiopurine methyltransferase enzyme in children with acute lymphoblastic leukemia in Turkish population: A preliminary study on TPMT\*3A and TPMT\*3C alleles**

Turner T. B. , Adali O., Ulusoy G., Arinc E., Sahin G., Gozdasoglu S.

14th North American Meeting of the International-Society-for-the-Study-of-Xenobiotics, Rio-Grande, Brazil, 22 - 26 October 2006, vol.38, pp.205

● **Diabetes potentiates metabolic activation of procarcinogen nitrosodimethylamine not only in rabbit liver but also in lung and kidney**

Arslan S., Adali O., Arinc E.

7th European ISSX Meeting, Vancouver, Canada, 29 August - 02 September 2004, vol.36, pp.194

● **FURTHER CHARACTERIZATION OF SHEEP LUNG CYTOCHROME P450LGM2**

ADALI O., ARINC E.

7TH INTERNATIONAL CONFERENCE ON BIOCHEMISTRY AND BIOPHYSICS OF CYTOCHROME P-450 : STRUCTURE AND FUNCTION BIOTECHNOLOGICAL AND ECOLOGICAL ASPECTS, Moscow, Russia, 28 July - 02 August 1991, pp.51-53

● **CHARACTERIZATION OF SHEEP LUNG CYTOCHROME-P-450 ISOZYME-2**

ADALI O., ARINC E.

6TH INTERNATIONAL CONF ON BIOCHEMISTRY AND BIOPHYSICS OF CYTOCHROME P-450, Vienna, Austria, 3 - 08 July 1988, pp.101-104

## Supported Projects

ADALI O., AKKULAK M., EVİN E., DURUKAN Ö., Project Supported by Higher Education Institutions, CYP2W1 geninin RNA interferans (RNAi) yöntemi ile susturularak epitelyal mezenkimal geçişteki rolünün kolon kanser hücre hattında incelenmesi, 2020 - Continues

ADALI O., AKKULAK M., Project Supported by Higher Education Institutions, Benzimidazol ve Benzotiyazol Türevlerinin Antikanser Etkilerinin İnsan Adenokarsinom Hücrelerinde Araştırılması, 2020 - Continues

ADALI O., TÜBİTAK Project, Vitamin D, Vitamin D Reseptörü ve Vitamin D Metabolizmasında Rol Alan CYP450 İzoenzimlerinin Hayvan Modelinde Multipl Skleroz (MS) Hastalığının Patofizyolojisine Etkilerinin Moleküler Düzeyde Araştırması, 2018 - Continues

Adalı O., Kiriş E., TÜBİTAK Project, Multipl Skleroz Hastalarından Oluşturulacak Uyarılmış Pluripotent Kök Hücre Tabanlı Oligodendrosit Modellerinde Nörotropin ve Östrojen Sinyal Yolaklarının Cinsiyete Bağlı Etkilerinin Araştırılması, 2019 - 2022

Adalı O., Demirkaya Ş., Can Demirdöğen B., Şen A., TÜBİTAK Project, Vitamin D, Vitamin D Reseptörü ve Vitamin D Metabolizmasında Rol Alan CYP450 İzoenzimlerinin Hayvan Modelinde Multipl Skleroz (MS) Hastalığının Patofizyolojisine Etkilerinin Moleküler Düzeyde Araştırılması, 2018 - 2020

Adalı O., Evin E., Akkulak M., Çulcu T., Özyel B., Project Supported by Higher Education Institutions, Beslenme alışkanlığında Kurkumin bileşiğinin kolon kanseri üzerine etkilerinin araştırılması, 2018 - 2019

ADALI O., BULUT G., Project Supported by Higher Education Institutions, D VİTAMİNİ METABOLİZMASINDA ROL ALAN CYP24A1, CYP2R1 CYP27A1, CYP27B1 VE D VİTAMİNİ RESEPTÖRÜNÜN GENETİK POLİMORFİZİMLERİNİN TÜRK POPULASYONUNDA MULTİPL SKLEROZ RİSKİ İLE İLİŞKİSİ, 2018 - 2019

ADALI O., DURUKAN Ö., Project Supported by Higher Education Institutions, CİSPLATİN METFORMİN İLAÇ KOMBİNASYONUNUN ETKİLERİNİN KANSER MODELİ OLUŞTURULMUŞ FARELERE UYGULANMASI VE PROSTAT DUKULARINDAKİ ETKİLERİNİN MOLEKÜLER DÜZEYDE İNCELENMESİ, 2018 - 2019

ADALI O., AKKULAK M., Project Supported by Higher Education Institutions, CYP24A1 İNHİBİTÖRÜ OLABİLECEK AZOLE VE İMİDAZOL TÜREVLERİNİN ETKİ VE ÖZGÜLLÜKLERİNİN DEĞERLENDİRİLMESİ, 2018 - 2019

ADALI O., EVİN E., Project Supported by Higher Education Institutions, VİTAMİN D VE VİTAMİN D METABOLİZMASINDA ROL ALAN CYP450 İZOENZİMLERİNİN HAYVAN MODELİNDE MULTİPL SKLEROZ HASTALIĞININ PATOFİZYOLOJİSİNE ETKİLERİNİN MOLEKÜLER DÜZEYDE ARALTIRILMASI, 2018 - 2019

ADALI O., GJOTA ERGİN S., Project Supported by Higher Education Institutions, MEKANSAL ÖĞRENME ESNASINDA ANTİDEPRASANLARIN SIÇAN HİPOKAMPÜSÜNDEKİ BAZI SİTOKROM P450 İZOFORMLARININ EKSPRESYONUNUN ÜZERİNDEKİ ETKİLERİNİN ARAŞTIRILMASI, 2018 - 2019

ADALI O., ARCAK D., Project Supported by Higher Education Institutions, FİBROBLAST HÜCRE HATTINDA YUMURTA SARISI YAĞININ KOLAJEN, LAMİNİN VE MRNA EKSPRESYONU ÜZERİNE ETKİSİ, 2018 - 2019

ADALI O., AKKULAK M., DURUKAN Ö., EVİN E., GÜRAY N. T., Project Supported by Higher Education Institutions, Hekzokinaz II proteininin prostat kanseri hücre hatlarındaki ekspresyonunun antidiyabet ve antikanser ilaç kombinasyonlarına bağlı değişimi, 2018 - 2019

Adalı O., Karakurt S., TÜBİTAK - AB COST Project, Aldosteron Metabolizmasının Regülasyonunda miRNA'ların Etkilerinin İncelenmesi, 2015 - 2018

ADALI O., Project Supported by Higher Education Institutions, CYP24A1 İNHİBİTÖRÜ OLABİLECEK AZOLE VE İMİDAZOL TÜREVLERİNİN ETKİ VE ÖZGÜLLÜKLERİNİN DEĞERLENDİRİLMESİ, 2017 - 2017

ADALI O., Project Supported by Higher Education Institutions, CİSPLATİN METFORMİN İLAÇ KOMBİNASYONUNUN ETKİLERİNİN KANSER MODELİ OLUŞTURULMUŞ FARELERE UYGULANMASI VE PROSTAT DULULARINDAKİ ETKİLERİNİN MOLEKÜLER DÜZEYDE İNCELENMESİ, 2017 - 2017

ADALI O., Project Supported by Higher Education Institutions, VİTAMİN D VE VİTAMİN D METABOLİZMASINDA ROL ALAN CYP450 İZOENZİMLERİNİN HAYVAN MODELİNDE MULTİPL SKLEROZ HASTALIĞININ PATOFİZYOLOJİSİNE ETKİLERİNİN MOLEKÜLER DÜZEYDE ARALTIRILMASI, 2017 - 2017

ADALI O., Project Supported by Higher Education Institutions, MEKANSAL ÖĞRENME ESNASINDA ANTİDEPRASANLARIN SIÇAN HİPOKAMPÜSÜNDEKİ BAZI SİTOKROM P450 İZOFORMLARININ EKSPRESYONUNUN ÜZERİNDEKİ ETKİLERİNİN ARAŞTIRILMASI, 2017 - 2017

ADALI O., Project Supported by Higher Education Institutions, D VİTAMİNİ METABOLİZMASINDA ROL ALAN CYP24A1, CYP2R1 CYP27A1, CYP27B1 VE D VİTAMİNİ RESEPTÖRÜNÜN GENETİK POLİMORFİZİMLERİNİN TÜRK POPULASYONUNDA MULTİPL SKLEROZ RİSKİ İLE İLİŞKİSİ, 2017 - 2017

GÜRAY N. T., ADALI O., SARAÇ B. E., ÇÖPOĞLU H., EVİN E., Project Supported by Higher Education Institutions, Bor'un toksik etki mekanizmalarının in vitro düzeyinde araştırılması, 2017 - 2017

Adalı O., TÜBİTAK Project, Cisplatin Metformin ilaç kombinasyonu uygulamasının prostat hücre hatlarının proliferasyonu ve apoptoz mekanizmalarında önemli rol oynayan GST ile CYP17A1 ve Hekzokinaz enzimleri üzerine olası etkilerinin incelenmesi, 2015 - 2017

ADALI O., BULUT G., DEMİRKAYA (GATA NÖROLOJİ) P. D. Ş., EVİN E., Project Supported by Higher Education Institutions, MULTİPL SKLEROZ HASTALIK RİSKİ İLE D VİTAMİNİ METABOLİZMASINDA ROL ALAN CYP450 ENZİMLERİNİN VE D VİTAMİNİ RESEPTÖRÜNÜN GENETİK POLİMORFİZİMLERİ ARASINDAKİ İLİŞKİNİN TÜRK POPULASYONUNDA

İNCELENMESİ, 2016 - 2016

ADALI O., EVİN E., DEMİRKAYA (GATA NÖROLOJİ) P. D. Ş. , CAN DEMİRDÖĞEN (TOBB ÜNİV.) D. D. B. , EVİN E., DURUKAN Ö., Project Supported by Higher Education Institutions, Vitamin D, Vitamin D Reseptörü ve Vitamin D Metabolizmasında Rol Alan CYP450 İzozimlerinin Hayvan Modelinde Multipl Skleroz (MS) Hastalığının Patofizyolojisine Etkilerinin Moleküler Düzeyde Araştırılması, 2016 - 2016

GÜRAY N. T. , ADALI O., Project Supported by Higher Education Institutions, ODTÜ Kampüsü'nde bulunan endemik bir tür olan Salvia absconditiflora (adaçayı) bitkisinin antimikrobiyal, antioksidan ve sitotoksik etkilerinin incelenmesi, 2016 - 2016

ADALI O., ÖNER T., Demirkaya (GATA Nöroloji) P. D. Ş. , Demirdöğen (TOBB) D. D. B. C. , Project Supported by Higher Education Institutions, İskemik inme riski ile kolesterolü metabolize eden sitokrom P450lerin genetik polimorfizimleri arasındaki ilişkinin incelenmesi, 2015 - 2016

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

ADALI O., ÇULCU T., Şen A., GÜRAY N. T. , Project Supported by Higher Education Institutions, Yerel tıbbi bitki Viscum album L.'un safra asit sentez ve metabolizmasından sorumlu sitokrom P450 7A1 ve 27A1 enzimlerine etkilerinin moleküler düzeyde incelenmesi, 2015 - 2015

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

Adalı O., Karakurt S., TUBİTAK Project, Bitki fenolik bileşiklerinden tannik asit ve resveratrol ün prostat kanseri metastazı ve kemoterapötik ilaçları metabolize eden Faz I Faz II enzimler üzerine etkileri, 2013 - 2015

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

ADALI O., Project Supported by Higher Education Institutions, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

ADALI O., Öner T., Project Supported by Higher Education Institutions, Vitamin D metabolizmasında rol oynayan CYP450 enzimlerinin polimorfizmleri ile iskemik inme riski ilişkisinin araştırılması, 2013 - 2014

ADALI O., GÜRAY N. T. , Project Supported by Higher Education Institutions, Doğal olarak bulunan ellajik asit, kuersetin, naringenin, resveratrol, rutin ve hesperidin gibi polifenolik bileşiklerin ilaç metabolizmasında rol oynayan Glutatyon S-Transferaz ve NAD(P):Kuinon Oksidoredüktaz 1 enzim aktiviteleri üzerine etkileri, 2013 - 2014

ADALI O., ÖNER T., Project Supported by Higher Education Institutions, GLUTAMAT DEKARBOKSİLİZASYON ENZİMİ POLİMORFİZMLERİ İLE İDİOPATİK JENERALİZE EPİLEPSİ ARASINDAKİ İLİŞKİNİN ARAŞTIRILMASI, 2013 - 2013

ADALI O., BİLGİN E., Project Supported by Higher Education Institutions, GLUTATYON S- TRANSFERAZ OMEGA 1 VE 2 ENZİMİ POLİMORFİZİMLERİ İLE TÜRK POPULASYONUNDA İSKEMİK İNME RİSKİ İLİŞKİSİNİN ARAŞTIRILMASI, 2013 - 2013

ADALI O., EVİN E., Project Supported by Higher Education Institutions, İLAÇ METABOLİZMASINI ÇALIŞMAK AMACIYLA KARACİĞER HÜCRE KÜLTÜRÜNDE FAZ I ENZİMLERİN AKTİVİTELERİNİN İNCELENMESİ, 2013 - 2013

Adalı O., TÜBİTAK Project, Yakıtın Ksenobiyotik Metabolizması Üzerine Etkilerinin ve İlaç-Diyet Etkileşim Potansiyelinin Proteomik ve Moleküler Yaklaşımlar ile Aydınlatılması, 2009 - 2012

Adalı O., Doğru H., TÜBİTAK Project, Genç Sıçanlarda Mekansal Bellekteki Bireysel Varyasyonun Moleküler Temelinin Araştırılması, 2009 - 2012

ADALI O., Project Supported by Higher Education Institutions, Tıbbi Bitki Epilobium Hirsutum'un Sulu Ekstresinin Sıçan Karaciğer Mikrozomal Flavon Monooksijenaz 3 (fmo3) Enzim Ekspresyonu Üzerine Etkisinin İncelenmesi, 2011 - 2011

ADALI O., Project Supported by Higher Education Institutions, Tıbbi Bitki Epilobium Hirsutum'un Sulu Ekstresinin Sıçan Karaciğer Mikrozomal Flavon Monooksijenaz Enzimi Üzerine Etkisi, 2010 - 2010

ADALI O., Project Supported by Higher Education Institutions, Fenolik Bileşik Tannik Asit Tavan Karaciğer Ve Böbreğinde Sitokrom P450 Bağlı Anilin 4-Hidroksilaz Ve Etilmorfin N-Demetilaz Enzim Aktiviteleri Üzerine Etkisi, 2009 - 2009

ADALI O., Project Supported by Higher Education Institutions, İskemik İnme Riski İle Paraoksanaz Ve Apolipoprotein A5 Gibi Proteinlerin Gen Polimorfizmleri Arasındaki İlişkinin İncelenmesi, 2008 - 2009

## Scientific Refereeing

TÜBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Middle East Technical University, Turkey, December 2019

TÜBİTAK Project, 1002 - Quick Support Program, Middle East Technical University, Turkey, September 2019

Project Supported by Higher Education Institutions, BAP Research Project, Middle East Technical University, Turkey, September 2019

Project Supported by Higher Education Institutions, BAP MSc, Middle East Technical University, Turkey, May 2019

TÜBİTAK Project, 1002 - Quick Support Program, Middle East Technical University, Turkey, March 2019

TÜBİTAK Project, 2209-A - Üniversite Öğrencileri Araştırma Projeleri Destekleme Programı, Middle East Technical University, Turkey, January 2019

TÜBİTAK Project, 1002 - Quick Support Program, TÜBİTAK ARDEB, Turkey, December 2018

TÜBİTAK Project, 1002 - Quick Support Program, TÜBİTAK ARDEB, Turkey, September 2018

TÜBİTAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, TÜBİTAK ARDEB, Turkey, June 2018

## Citations

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