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International Researcher IDs
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Education Information

Doctorate, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji Anabilim Dalı/Moleküler Biyoloji-Biyokimya Programı, Turkey 1989 - 1996
Postgraduate, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji Anabilim Dalı/Moleküler Biyoloji-Biyoteknoloji Programı, Turkey 1986 - 1988
Undergraduate, Istanbul University, Mühendislik Fakültesi, Kimya Mühendisliği Bölümü, Turkey 1980 - 1985

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Education Management and Planning, Bilimsel çalışmalarda İstatistiğin Rolü: Bilinmesi Gereken Yöntemler ve Uygulama Alanları, Türk Biyokimya Derneği-İstanbul Şubesi, 2012

Dissertations

Doctorate, Sanicula europaea L. Bitkisinden Antiviral Bir Maddenin Saflaştırılması ve Kimyasal Karakterizasyonu, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji Bölümü/Moleküler Biyoloji, 1996
Postgraduate, Yaşlanmakta Olan Soya Fasulyesi (Glycine max (L.) cv. Coles) Kotiledonlarında Peroksidaz ve Laktik Dehidrogenaz Enzimleri ile Total Protein Düzeyleri Üzerinde Elektroforetik İncelemeler, Istanbul University, Institute of Graduate Studies In Sciences, Biyoloji /Moleküler Biyoloji, 1988

Research Areas

Life Sciences, Biochemistry, Enzymology, Metabolism, Molecular Biochemistry, Proteomics, Biotechnology, Molecular Biology and Genetics, Moleculer Biology of Cancer, Microbial Genetics, Chemistry, Organic Chemistry, Chemistry of

Natural Products, Natural Sciences

Academic Titles / Tasks

Professor, Istanbul University, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, 2007 - Continues
Associate Professor, Istanbul University, Faculty of Science, Depertment of Biology, 2000 - 2007
Assistant Professor, Istanbul University, Faculty of Science, Depertment of Biology, 1997 - 2000

Academic and Administrative Experience

Manager of Research and Application Center, Istanbul University, Rektörlük, BİYOGEM Center for Research and Practice in Biotechnology and Genetic Engineering, 2022 - Continues
Danışma Kurulu Üyesi, İstanbul University-Cerrahpaşa, Faculty Of Engineering, Department Of Chemical Engineering, 2022 - Continues
Manager of Research and Application Center, Istanbul University, Rektörlük, Center for Research and Practice in Biotechnology and Genetic Engineering, 2019 - 2022
Manager of Research and Application Center, Istanbul University, Rektörlük, Center for Research and Practice in Biotechnology and Genetic Engineering, 2016 - 2019
İstanbul Üniversitesi, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, 2013 - 2018
İstanbul Üniversitesi, Faculty of Science, Moleküler Biyoloji Ve Genetik, 2011 - 2013
İstanbul Üniversitesi, Hasan Ali Yücel Eğitim Fakültesi, İlköğretim Bölümü, 2007 - 2009

Courses

Food Safety and Security, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
GRADUATION PROJECT I, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020
Biochemistry I, Undergraduate, 2023 - 2024
Communication in Life Sciences, Undergraduate, 2021 - 2022, 2020 - 2021
PROJECT II, Undergraduate, 2019 - 2020
SPECIAL PROJECT I, Undergraduate, 2019 - 2020
ANTIOXIDATION AND DETOXIFICATION IN BIOLOGICAL SYSTEMS, Doctorate, 2019 - 2020
PROTEIN PURIFICATION TECHNIQUES, Postgraduate, 2019 - 2020
CLINICAL BIOCHEMISTRY, Undergraduate, 2019 - 2020
ENZYMES: STRUCTURE and FUNCTION, Undergraduate, 2019 - 2020
GRADUATION PROJECT II, Undergraduate, 2019 - 2020
BIOCHEMISTRY I, Undergraduate, 2019 - 2020
BIOCHEMISTRY I, Undergraduate, 2019 - 2020
Proteomik ve Metabolomik, Undergraduate, 2012 - 2013
Proteomik (İng.), Doctorate, 2012 - 2013
Moleküler Biyolojide Kullanılan Yöntemler II, Undergraduate, 2012 - 2013, 2011 - 2012
Bitirme Projesi, Undergraduate, 2012 - 2013
Proteinlerin Hücreiçi Dolaşımları, Doctorate, 2012 - 2013
Biyokimya I, Undergraduate, 2012 - 2013, 2011 - 2012
Fermentasyon Teknolojisi, Undergraduate, 2012 - 2013, 2011 - 2012
Bilimsel Yazım Tekniği, Undergraduate, 2012 - 2013
Biyolojik Sistemlerde Antioksidasyon ve Detoksifikasyon, Doctorate, 2011 - 2012
Proteomik, Doctorate, 2011 - 2012
Protein Saflaştırma Teknikleri, Postgraduate, 2012 - 2013

Genomik ve Proteomik, Undergraduate, 2011 - 2012
Protein Saflaştırma Teknikleri, Postgraduate, 2011 - 2012

Advising Theses

Arda E. Ş. N., Molecular Studies on Anticancer Metabolites of Probiotic Bacteria, Doctorate, R.Ahmad(Student), Continues
Arda E. Ş. N., Investigation of Wound Healing Potential of Some Natural Products and Bioactive Peptides], Doctorate, Y.Aksüt(Student), Continues
Arda E. Ş. N., Şanlı N. Ö., Isolation and Characterization of a Novel Bioactive Moleculefrom Probiotics, Doctorate, A.Adouwodji(Student), Continues
Arda E. Ş. N., Effects of Antioxidant and Antidiabetic Compounds on Molecular Damages in Fission Yeast, Doctorate, N.Salem(Student), Continues
Arda E. Ş. N., Biotechnological Approaches in Cosmeceutical Product Development From Royal Jelly, Doctorate, M.Tunç(Student), Continues
Arda E. Ş. N., Enhancement Of Nutraceutical And Cosmeceutical Potential Of Various Honey Bee Products By Natural Supplements, Doctorate, G.Sönmez(Student), Continues
Arda E. Ş. N., ANTICANCER ACTIVITY OF WATER-BASED PROPOLIS, Postgraduate, M.Attila(Student), 2023
Arda E. Ş. N., Erol Ç., Meme kanseri hücreleri üzerinde sitotoksik etkili doğal ve sentetik bileşikler: Bir veri tabanı tasarımı, Doctorate, Z.OKTAY(Student), 2023
Arda E. Ş. N., META ANALYSIS OF THE RELATIONSHIP BETWEEN CELIAC DISEASE AND IMMUN RESPONSE, Doctorate, Ö.Özer(Student), 2022
Arda E. Ş. N., Benian A., Assessment of the Relation Between Angiogenesis Factors and Plasm Proteome in Preeclampsia, Doctorate, V.Yaman(Student), 2022
Arda E. Ş. N., BEE BREAD PRODUCTION VIA POLLEN FERMENTATION USING VARIOUS PROBIOTIC STRAINS, Postgraduate, E.KÜRŞAT(Student), 2022
Arda E. Ş. N., Allahverdiyev A., Propolis yüklü polimerik nanopartiküllerin hazırlanması ve karakterizasyonu, immünomodülatör etkilerinin makrofaj hücrelerinde incelenmesi, Postgraduate, T.SADIKHOV(Student), 2022
Arda E. Ş. N., Alerjenik bitki lipit transfer proteininin biyoteknolojik üretimi, Postgraduate, N.AGHALAROVA(Student), 2020
Arda E. Ş. N., Gelincik A., MOLECULAR ANALYSIS OF GENETIC SUSCEPTIBILITY, SENSITIVITY and OXIDATIVE STRESS MARKERS in ASTHMA PATIENTS, Doctorate, B.KARADOĞAN(Student), 2020
Arda E. Ş. N., Gelincik A., PLASMA 7-KETOCHOLESTEROL, CHOLESTANE-3β, 5α, 6β-TRIOL AND MALONDIALDEHYDE LEVELS IN ASTHMA PATIENTS, Postgraduate, B.NASR(Student), 2018
Arda E. Ş. N., STUDIES on BIOTECHNOLOGICAL PRODUCTION of POLLEN ALLERGEN METHIONINE SYNTHASE , Postgraduate, Y.AKSÜT(Student), 2017
Arda E. Ş. N., Açılan Ayhan C., Elucidation of Molecular Action Mechanisms of Cytotoxic Palladıum Derivatives on Various Cancer Cells, Doctorate, Ö.Kaçar(Student), 2016
Arda E. Ş. N., STUDIES ON ANTIOXIDANT ACTIVITY AND ROSMARINIC ACID CONTENT OF SOME PLANT EXTRACTS, Postgraduate, O.HAKUM(Student), 2016
Arda E. Ş. N., Gelincik A., Allergenic Proteins of Mediterranean Cypress (Cupressus sempervirens L.) and Sabin Juniper (Juniperus sabina L.) Pollens in Istanbul, Postgraduate, Ş.Taş(Student), 2015
Arda E. Ş. N., Açılan Ayhan C., Investigation of Gene Expressions related to Oxidative Stress And Apoptosis in Human Thoracic Aort Aneurysms, Doctorate, Z.Adıgüzel(Student), 2014
Arda E. Ş. N., Gelincik A., İstanbul'da Yetişen Akdut(Morus alba L.) ve Mavi Atlas Sediri Cedrus atlantica (Endl.) Carr. cv. "Glauca"] Polenlerinin Allerjenik Proteinleri, Postgraduate, D.Çetereisi(Student), 2014
Arda E. Ş. N., Topal Sarıkaya A., Sistemik Lupus Eritematozus Hastalarında Sitokininlerin Gen Anlatımı ve miRNA'lar Arasındaki İlişkinin Araştırılması, Doctorate, F.Gods(Student), 2014
ARDA E. Ş. N., E Vitamininin Sıçan C6 Glioma Hücreleri Üzerindeki Apoptoz İndükleyici Etkisi, Postgraduate, Z.Oktay(Student), 2012
ARDA E. Ş. N., Sarı Pas Enfeksiyonuna Dirençli Buğday (Triticum aestivum L.)'da Proteomik Analizler, Postgraduate,

C.İnan(Student), 2012
ARDA E. Ş. N., Glioma Hücrelerinde İndometasinin Meydana Getirdiği Moleküler Hasarlar Üzerine E Vitamininin Etkileri, Doctorate, M.Pekmez(Student), 2010
ARDA E. Ş. N., Hücre Kültüründe Oksidatif Stres Soncu Oluşan DNA Hasarları ve Zeytinyağının Koruyucu Etkisi, Doctorate, Ö.Erol(Student), 2010
ARDA E. Ş. N., Viscum album Ekstresinin C6 Sıçan Glioma Hücrelerinde Stres Proteinlerinin Anlatımı Üzerine Etkisi, Doctorate, E.Önay(Student), 2009
ARDA E. Ş. N., Oksidatif Stres Uygulanmış Schizosaccharomyces pombe'de Protein Oksidasyonuna Karşı Antioksidanların Koruyucu Etkisi, Doctorate, İ.Hamad(Student), 2007
ARDA E. Ş. N., İnsan Semen Örneklerinde Oksidatif Stresin Erkek Kısırlığıyla İlişkis Üzerine Moleküler Çalışmalar, Postgraduate, M.Yanık(Student), 2005
ARDA E. Ş. N., Oksidatif Stres Uygulanmış Schizosaccharoyces pombe'de Moleküler Çalışmalar, Postgraduate, M.Pekmez(Student), 2004
ARDA E. Ş. N., Astragalus Doku Kültürlerinde Protein Analizleri, Postgraduate, D.Celebcioğlu(Student), 2002
ARDA E. Ş. N., Farklı Konakçı Ağaçlar Üzerinde Yaşayan Ökseotu (Viscum album) Bitkisinde Biyokimyasal Analizler, Postgraduate, E.Önay(Student), 2002

Jury Memberships

Associate Professor Exam, Doçentlik Sınav Jürisi, Samsun Ondokuz Mayıs Üniversitesi, October, 2012
Associate Professor Exam, Doçentlik Sınav Jürisi, İstanbul Üniversitesi, June, 2012
Associate Professor Exam, Doçentlik Sınav Jürisi, İstanbul Üniversitesi, April, 2012
Associate Professor Exam, Doçentlik Sınav Jürisi, İstanbul Üniversitesi, June, 2009

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Investigation of the Effect of Chestnut Honey and Curcumin Combination on Lifespan in the Experimental Heat Stress Model of Honey Bee**
Gizem Sonmez Oskay S., Oskay D., Arda N.
Biology Bulletin, vol.50, no.6, pp.1393-1400, 2023 (SCI-Expanded)

II. **Novel vitamin K3 analogs containing 3-N-substituted aromatic and piperazine rings with selective in vitro anticancer activity against HeLa, U87 MG, and MCF-7 cells**
Abdassalam A. F. S. H., DENİZ N. G., SAYIL M. Ç., ÖNAY UÇAR E., Mertoglu E., Arda N.
MEDICINAL CHEMISTRY RESEARCH, vol.32, no.3, pp.475-484, 2023 (SCI-Expanded)

III. **Impact of stress factors internal and external to the hive on honey bees and their reflection on honey bee products: a review**
Sonmez Oskay G., Uygur G. S., Oskay D., Arda N.
Journal of Apicultural Research, 2023 (SCI-Expanded)

IV. **Plasma levels of oxysterols 7-ketocholesterol and cholestane-3 beta, 5 alpha, 6 beta-triol in patients with allergic asthma**
Zanjani B. N., Samadi A., YILMAZ IŞIKHAN S., LAY İ., Beyaz S., Gelincik A., Buyukozturk S., Arda N.
JOURNAL OF ASTHMA, vol.60, no.2, pp.288-297, 2023 (SCI-Expanded)

V. **Molecular Cloning, expression, purification and in silico epitope prediction of cobalamin-independent methionine synthase (Mor a 2), as a novel allergen from Morus alba pollen**
Aksüt Y., Pekmez M., Karaer Uzuner S., Gelincik A., Büyüköztürk S., Arda E. Ş. N.
ARCHIVES OF MEDICAL SCIENCE, vol.4, pp.1-26, 2022 (SCI-Expanded)

VI. **Evaluation of oxidative stress biomarkers and antioxidant parameters in allergic asthma patients with different level of asthma control.**
Karadogan B., Beyaz S., Gelincik A., Buyukozturk S., Arda N.

The Journal of asthma : official journal of the Association for the Care of Asthma, vol.59, no.4, pp.663-672, 2022 (SCI-Expanded)

VII. **Identification of natural compounds of Jurinea species by LC-HRMS and GC-FID and their bioactivities**
Boke Sarikahya N., Sumer Okkali G., Celenk V. U., Mertoğlu E., Pekmez M., Arda N., Topcu G., Goren A. C.
JOURNAL OF PHARMACEUTICAL AND BIOMEDICAL ANALYSIS, vol.202, 2021 (SCI-Expanded)

VIII. **Folic acid-modified methotrexate-conjugated gold nanoparticles as nano-sized trojans for drug delivery to folate receptor-positive cancer cells**
Yucel O., Sengelen A., Emik S., Onay-Ucar E., Arda E. Ş. N., Gurdag G.
NANOTECHNOLOGY, vol.31, no.35, 2020 (SCI-Expanded)

IX. **Proteomic identification of allergenic proteins of Morus alba L. pollen**
Cetereisi D., Karlıoğlu Kılıç N., Gelincik A., Michelland S., Onay-Ucar E., Ertek B., Akdeniz N., Erden S., Colakoglu B., Akkemik Ü., et al.
ASIAN PACIFIC JOURNAL OF ALLERGY AND IMMUNOLOGY, vol.37, pp.205-211, 2019 (SCI-Expanded)

X. **Synthesis and antiproliferative evaluation of some 1,4-naphthoquinone derivatives against human cervical cancer cells**
KAÇMAZ A., DENİZ N. G., AYDINLI S. G., Sayil C., Onay-Ucar E., Mertoglu E., Arda N.
OPEN CHEMISTRY, vol.17, no.1, 2019 (SCI-Expanded)

XI. **Can Hsp Targeted Gene Therapy Be a New Hope for Gliomas?**
Onay-Ucar E., Sengelen A., Gungor E., Mertoglu E., Pekmez M., Arda N.
HEAT SHOCK PROTEINS IN NEUROSCIENCE, vol.20, pp.209-230, 2019 (SCI-Expanded)

XII. **Involvement of dying beta cell originated messenger molecules in differentiation of pancreatic mesenchymal stem cells under glucotoxic and glucolipotoxic conditions.**
Gezginci-Oktayoglu S., Onay-Ucar E., Sancar-Bas S., Karatug-Kacar A., Arda E. Ş. N., Bolkent Ş.
Journal of cellular physiology, vol.233, no.5, pp.4235-4244, 2018 (SCI-Expanded)

XIII. **Suppression of HSP70 Expression by Quercetin and Its Therapeutic Potential Against Cancer**
Ucar E. O., Sengelen A., Mertoglu E., Pekmez M., Arda N.
HSP70 IN HUMAN DISEASES AND DISORDERS, vol.14, pp.361-379, 2018 (SCI-Expanded)

XIV. **The role of cell cycle progression for the apoptosis of cancer cells induced by palladium(II)-saccharinate complexes of terpyridine**
Kacar O., CEVATEMRE B., Hatipoglu I., Arda N., ULUKAYA E., YILMAZ V. T., Acilan C.
BIOORGANIC & MEDICINAL CHEMISTRY, vol.25, no.6, pp.1770-1777, 2017 (SCI-Expanded)

XV. **The structure and cytotoxic activity of a new saponin: cephoside A from Cephalaria elazigensis var. purpurea**
Kayce P., Sarikahya N. B., Pekmez M., Arda N., Kirmizigul S.
TURKISH JOURNAL OF CHEMISTRY, vol.41, no.3, pp.345-353, 2017 (SCI-Expanded)

XVI. **MiRNA and mRNA Profiling in Systemic Lupus Reveals a Novel Set of Cytokine - Related miRNAs and their Target Genes in Cases With and Without Renal Involvement**
Ghods F. J., Sarikaya A. T., Arda N., Hamuryudan V.
KIDNEY & BLOOD PRESSURE RESEARCH, vol.42, no.6, pp.1322-1337, 2017 (SCI-Expanded)

XVII. **Proteome profiling of the compatible interaction between wheat and stripe rust**
Demirci Y. E., Inan C., GÜNEL A., Maytalman D., Mert Z., BAYKAL A. T., Korkut S. V., Arda N., HASANÇEBİ S.
EUROPEAN JOURNAL OF PLANT PATHOLOGY, vol.145, no.4, pp.941-962, 2016 (SCI-Expanded)

XVIII. **Synthesis, biological characterization and evaluation of molecular mechanisms of novel copper complexes as anticancer agents**
ACILAN C., Cevatemre B., ADIGUZEL Z., Karakas D., Ulukaya E., Arda N., Ribeiro N., Correiae I., Pessoa J. C.
EUROPEAN JOURNAL OF CANCER, vol.61, 2016 (SCI-Expanded)

XIX. **Elucidation of molecular action mechanisms of cytotoxic palladium derivatives on various cancer cells**
Kacar O., Hatipoglu I., Yilmaz V., Arda N., Ulukaya E., Acilan C. A.
EUROPEAN JOURNAL OF CANCER, vol.61, 2016 (SCI-Expanded)

XX. **Protective effects of Sanicula europaea extracts on nuclear DNA damage**
Ucar E. O., Pekmez M., Mertoglu E., Dalyan L., Arda N.
EUROPEAN JOURNAL OF CANCER, vol.61, 2016 (SCI-Expanded)

XXI. **A platinum-blue complex exerts its cytotoxic activity via DNA damage and induces apoptosis in cancer cells**
ADIGUZEL Z., Ozalp-Yaman S., Çelik G., Salem S., Bagci-Onder T., Çetin Y. C., Arda N., ACILAN C.
EUROPEAN JOURNAL OF CANCER, vol.61, 2016 (SCI-Expanded)

XXII. **Identification of longevity, fertility and growth-promoting properties of pomegranate in Caenorhabditis elegans**
KILIÇGÜN H., Arda N., Ucar E.
PHARMACOGNOSY MAGAZINE, vol.11, no.42, pp.356-359, 2015 (SCI-Expanded)

XXIII. **Effect of alpha-tocopheryl succinate on the molecular damage induced by indomethacin in C6 glioma cells**
Pekmez M., Onay-Ucar E., Arda N.
EXPERIMENTAL AND THERAPEUTIC MEDICINE, vol.9, no.2, pp.585-590, 2015 (SCI-Expanded)

XXIV. **Fatty Acid Composition and Antioxidant Potential of Ten Cephalaria Species**
Sarikahya N. B., Ucar E., Kayce P., GÖKTÜRK R. S., SUMBUL H., Arda N., Kirmizigul S.
RECORDS OF NATURAL PRODUCTS, vol.9, no.1, pp.116-123, 2015 (SCI-Expanded)

XXV. **Evaluation of apoptotic molecular pathways for smooth muscle cells isolated from thoracic aortic aneurysms in response to oxidized sterols**
Adıgüzel Z., Arda N., Kaçar O., SERHATLI M., TAS S. G., Baykal A. T., Baysal K., Açılan C.
MOLECULAR BIOLOGY REPORTS, vol.41, no.12, pp.7875-7884, 2014 (SCI-Expanded)

XXVI. **Palladium and platinum complexes of the new ligands containing P-N and P-O bonds**
İRİŞLİ S., Karaman M., ARDA E. Ş. N., DİNDAR B., Buyukgungor O.
POLYHEDRON, vol.81, pp.203-209, 2014 (SCI-Expanded)

XXVII. **Increased eNOS levels in hereditary angioedema**
Demirturk M., Gelincik A., Cinar S., KILERCIK M., Onay-Ucar E., Colakoglu B., Arda N., Buyukozturk S., Deniz G.
INTERNATIONAL IMMUNOPHARMACOLOGY, vol.20, no.1, pp.264-268, 2014 (SCI-Expanded)

XXVIII. **Comparison of antioxidant capacity, protein profile and carbohydrate content of whey protein fractions**
Onay-Ucar E., Arda N., Pekmez M., Yilmaz A. M., Boke-Sarikahya N., Kirmizigul S., YALÇIN A. S.
FOOD CHEMISTRY, vol.150, pp.34-40, 2014 (SCI-Expanded)

XXIX. **Evaluation of the molecular mechanisms of a palladium(II) saccharinate complex with terpyridine as an anticancer agent**
Kacar O., Adiguzel Z., YILMAZ V. T., Cetin Y., CEVATEMRE B., Arda N., Baykal A. T., ULUKAYA E., Acilan C.
ANTI-CANCER DRUGS, vol.25, no.1, pp.17-29, 2014 (SCI-Expanded)

XXX. **Protective effects of olive oil phenolics and gallic acid on hydrogen peroxide-induced apoptosis**
Erol-Dayi O., Arda N., Erdem G.
EUROPEAN JOURNAL OF NUTRITION, vol.51, no.8, pp.955-960, 2012 (SCI-Expanded)

XXXI. **Phenols of virgin olive oil protects nuclear DNA against oxidative damage in HeLa cells**
EROL TINAZTEPE Ö., Arda N., Erdem G.
FOOD AND CHEMICAL TOXICOLOGY, vol.50, no.10, pp.3475-3479, 2012 (SCI-Expanded)

XXXII. **Investigation of the Relationship Between Oxidative Stress and Glucose Signaling in Schizosaccharomyces pombe**
Palabiyik B., Kig C., Pekmez M., Dalyan L., Arda N., Temizkan G.
BIOCHEMICAL GENETICS, vol.50, no.5-6, pp.336-349, 2012 (SCI-Expanded)

XXXIII. **Viscum album L. Extracts Protects HeLa Cells against Nuclear and Mitochondrial DNA Damage**
Onay-Ucar E., Erol O., Kandemir B., Mertoglu E., Karagoz A., Arda N.
EVIDENCE-BASED COMPLEMENTARY AND ALTERNATIVE MEDICINE, vol.2012, 2012 (SCI-Expanded)

XXXIV. **Extract from mistletoe, Viscum album L., reduces Hsp27 and 14-3-3 protein expression and induces apoptosis in C6 rat glioma cells**

Ucar E., Arda N., Aitken A.
GENETICS AND MOLECULAR RESEARCH, vol.11, no.3, pp.2801-2813, 2012 (SCI-Expanded)

XXXV. **Fatty Acid Profile and Biological Data of Four Endemic Cephalaria Species Grown in Turkey**
Kirmizigul S., SARIKAHYA N., SÜMBÜL H., GÖKTÜRK R. S., Yavasoglu N. U. K., Pekmez M., Arda N.
RECORDS OF NATURAL PRODUCTS, vol.6, no.2, pp.151-155, 2012 (SCI-Expanded)

XXXVI. **Isolation and characterization of biologically active glycosides from endemic Cephalaria species in Anatolia**
Sarikahya N. B., Pekmez M., Arda N., Kayce P., Yavasoglu N. U. K., Kirmizigul S.
PHYTOCHEMISTRY LETTERS, vol.4, no.4, pp.415-420, 2011 (SCI-Expanded)

XXXVII. **Antioxidant and Cytotoxic Activities of Aphanes arvensis Extracts**
Hamad I., Erol-Dayi O., Pekmez M., Onay-Ucar E., Arda N.
PLANT FOODS FOR HUMAN NUTRITION, vol.65, no.1, pp.44-49, 2010 (SCI-Expanded)

XXXVIII. **Expression of Human A4V Mutant Cu,Zn Superoxide Dismutase in Schizosaccharomyces pombe: Investigations of its Toxic Properties**
Karaer S., Tarhan C., Pekmez M., HAMAD I., Arda N., Sarikaya A. T.
BIOCHEMICAL GENETICS, vol.48, no.1-2, pp.113-124, 2010 (SCI-Expanded)

XXXIX. **APOLAR CONSTITUENTS OF SOME BIOLOGICALLY ACTIVE Dianthus SPECIES FROM WESTERN ANATOLIA**
Durucasu I., Mutlu K., ŞIK L., YAŞA İ., Arda N., Kirmizigul S.
CHEMISTRY OF NATURAL COMPOUNDS, vol.45, no.6, pp.782-785, 2009 (SCI-Expanded)

XL. **Fatty Acid Profile and in vitro Antioxidant and Antibacterial Activities of Red Grape (Vitis vinifera L. cvs. Okuzgozu and Bogazkere) Marc Extracts**
Cibik B., Oezaydin Z., Boeke N., Karabay U., Pekmez M., Arda N., Kirmiziguel S.
NATURAL PRODUCT COMMUNICATIONS, vol.4, no.3, pp.399-404, 2009 (SCI-Expanded)

XLI. **Expression of human cytochrome p450 3A4 gene in Schizosaccharomyces pombe**
Palabiyik B., Karaer S., Arda N., Toker S. E., Temizkan G., Kelly S., Sarikaya A. T.
BIOLOGIA, vol.63, no.3, pp.450-454, 2008 (SCI-Expanded)

XLII. **Antioxidant activity of whey protein fractions isolated by gel exclusion chromatography an protease treatment**
Bayram T., Pekmez M., Arda N., YALÇIN A. S.
TALANTA, vol.75, no.3, pp.705-709, 2008 (SCI-Expanded)

XLIII. **Hydrogen peroxide-induced oxidative damages in Schizosaccharomyces pombe**
Pekmez M., Arda N., Hamad I., Kig C., Temizkan G.
BIOLOGIA, vol.63, no.2, pp.151-155, 2008 (SCI-Expanded)

XLIV. **The effect of superoxide dismutase deficiency on zinc toxicity in Schizosaccharomyces pombe**
Tarhan C., Pekmez M., Karaer S., Arda N., Sarikaya A. T.
JOURNAL OF BASIC MICROBIOLOGY, vol.47, no.6, pp.506-512, 2007 (SCI-Expanded)

XLV. **Essential fatty acid components and antioxidant activities of eight Cephalaria species from southwestern Anatolia**
Kirmizigul S., Boke N., SÜMBÜL H., GÖKTÜRK R. S., Arda N.
PURE AND APPLIED CHEMISTRY, vol.79, no.12, pp.2297-2304, 2007 (SCI-Expanded)

XLVI. **Fission yeast as a model for ALS disease**
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ÖNAY UÇAR E., PEKMEZ M., ARDA E. Ş. N., DALYAN L., MERTOĞLU E., Project Supported by Higher Education Institutions, Protective Effects of Sanicula europaea Extracts on Nuclear DNA Damage, 2016 - 2016

PEKMEZ M., ARDA E. Ş. N., Project Supported by Higher Education Institutions, İndometasin ve E vitamini uygulanmış C6 Sıçan Glioma Hücrelerinde Ölüm Mekanizmalarının Araştırılması, 2013 - 2016

ARDA E. Ş. N., Project Supported by Higher Education Institutions, Protective effects of olive oil phenolics and gallic acid on hydrogen peroxide-induced apoptosis, 2012 - 2016

BOLKENT Ş., KARATUĞ KAÇAR A., SANCAR BAŞ S., ARDA E. Ş. N., ÖNAY UÇAR E., Project Supported by Higher Education Institutions, GLUKOTOKSİSİTE, LİPOTOKSİSİTE VE GLUKOLİPOTOKSİSİTE DURUMLARINDA PANKREATİK KÖK HÜCRELER, ASİNAR HÜCRELER VE PANKREATİK KANAL HÜCRELERİNİN BETA HÜCRELERİNE FARKLILAŞMA MEKANİZMALARININ ARAŞTIRILMASI, 2012 - 2016

ÖNAY UÇAR E., ARDA E. Ş. N., Project Supported by Higher Education Institutions, Sanicula europaea Ekstresinin Hücre

Kültüründe Oksidatif Stres Sonucu Oluşan Hasarların Onarımı Üzerine Etkileri, 2012 - 2016
ARDA E. Ş. N., Project Supported by Higher Education Institutions, İstanbul?daki Ak Dut (Morus alba L.) ve Mavi Atlas Sediri [Cedrus atlantica (Endl.) Carr. cv. ?Glauca?] Polenlerinin Alerjenik Proteinleri, 2013 - 2014
ARDA E. Ş. N., Project Supported by Higher Education Institutions, Sistemik Lupus Eritematozus Hastalarında Sitokinlerin Gen Anlatımı ve miRNA'lar Arasındaki İlişkinin Araştırılması, 2012 - 2014
ARDA E. Ş. N., Project Supported by Higher Education Institutions, İnsan Torasik Aortik Anevrizmalarında Oksidatif Stresle İlişkili Gen Anlatımlarının İncelenmesi, 2011 - 2014
BÜYÜKÖZTÜRK S., GELİNCİK A., DENİZ G., ARDA E. Ş. N., ERTEN YURDAGÜL G., PEKMEZ M., ÖNAY UÇAR E., KARLIOĞLU N., Project Supported by Higher Education Institutions, İstanbul Park, Bahçe ve Korularındaki Bazı Ağaç Polenlerinin Alerjenitesinin ve İmmunohistokimyasal Özelliklerinin Araştırılması, 2009 - 2014
ARDA E. Ş. N., Project Supported by Higher Education Institutions, Triterpen glikozit Scoposide C?nin Schizosaccharomyces pombe?de IMPDH aktivitesi üzerine inhibe edici etkisi, 2013 - 2013
ARDA E. Ş. N., Project Supported by Higher Education Institutions, Oksidatif Protein Hasarlarının Belirlenmesinde ve Antioksidan Aktivite Tayininde Proteomik Yaklaşım, 2009 - 2013
ARDA E. Ş. N., Project Supported by Higher Education Institutions, Sarı Pas Enfeksiyonuna Dirençli Buğday (Triticum aestivum L.)'da Proteomik Analizler., 2012 - 2012
ARDA E. Ş. N., Project Supported by Higher Education Institutions, Antioxidant activity of whey protein fractions isolated by gel exclusion chromatography and protease treatment, 2010 - 2012
PEKMEZ M., ARDA E. Ş. N., TUBITAK Project, Türkiye'de Yetişen Bazı Endemik Cephalaria Türlerinin Kimyasal İçeriklerinin Belirlenmesi, Ekstrelerin ve Tanımlanacak Bileşiklerin Antioksidan ve Antimikrobiyal Aktivitelerinin Araştırılması, 2009 - 2012
ARDA E. Ş. N., Project Supported by Higher Education Institutions, The Effects of Alpha-Tocopheryl Succinate on Molecular Damages Induced by Indomethacin and on Apoptosis in C6 Glioma Cells, 2011 - 2011
ARDA E. Ş. N., Project Supported by Higher Education Institutions, E Vitamininin Sıçan C6 Glioma Hücreleri Üzerindeki Apoptoz İndükleyici Etkisi, 2010 - 2011
ARDA E. Ş. N., Project Supported by Higher Education Institutions, Glioma Hücrelerinde İndometasinin Meydana Getirdiği Moleküler Hasarlar Üzerine E Vitamininin Etkileri, 2008 - 2011
KARAGÖZ A., ÖNAY UÇAR E., ARDA E. Ş. N., PEKMEZ M., TUBITAK Project, Süt Serumu Proteinlerinin ve Hidrolizatlarının Antioksidan, Antiviral ve Antimikrobiyal Aktivitelerinin Belirlenmesi ve Yapısal Özelliklerinin Aydınlatılması, 2008 - 2011
ARDA E. Ş. N., TUBITAK Project, Aerobik Granül Çamur Yapısı, Stabilitesi ve Atık Çamurdan Fosfor Geri Kazanımının İncelenmes, 2007 - 2010
ARDA E. Ş. N., Project Supported by Higher Education Institutions, Antioxidant Activity of Whey and Whey Hydrolysates, 2009 - 2009

Memberships / Tasks in Scientific Organizations

Proteomik Derneği, Member, 2011 - Continues
MOKAD-Moleküler Kanser Araştırma Derneği, Member, 2010 - Continues
Serbest Radikaller ve Antioksidanlar Araştırma Derneği, Member, 2006 - Continues
Türk Biyokimya Derneği, Member, 2001 - Continues
Biyoteknoloji Derneği, Member, 2000 - Continues
Türk Mikrobiyoloji Cemiyeti, Member, 1998 - Continues
Türk Kimya Derneği, Member, 1992 - Continues

Scientific Refereeing

Food and Chemical Toxicology, SCI Journal, April 2013
Journal of the Serbian Chemical Society, SCI Journal, March 2012

Scientific Consultations

İstanbul Foundation for Culture and Arts, Scientific Consultancy, Istanbul University, Faculty Of Science, Moleküler Biyoloji ve Genetik Bölümü, Turkey, 2020 - 2020
Okyanus Koleji, Scientific Consultancy, Istanbul University, Faculty Of Science, Moleküler Biyoloji ve Genetik Bölümü, Turkey, 2011 - 2012

Scientific Research / Working Group Memberships

Hulusi Behçet Yaşam Bilimleri Merkezi, İSTANBUL ÜNİVERSİTESİ, Turkey, Yok, 2013 - Continues
Biohealth Computing Erasmus Mundus Master Program, İSTANBUL ÜNİVERSİTESİ, Turkey, http://biohealth-computing.org/, 2011 - Continues

Metrics

Publication: 160
Citation (WoS): 982
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H-Index (WoS): 16
H-Index (Scopus): 18

Congress and Symposium Activities

IX. International Congress of Molecular Medicine, Moderator, İstanbul, Turkey, 2023
IX. International Congress of Molecular Medicine, Audience, İstanbul, Turkey, 2023
3rd International Propolis Conference, Session Moderator, İstanbul, Turkey, 2023
3rd International Propolis Conference, Attendee, İstanbul, Turkey, 2023
5th Eurasia Biochemical Approaches & Technologies Congress - 5th EBAT, Audience, Antalya, Turkey, 2023
5th Eurasia Biochemical Approaches & Technologies Congress, Working Group, Antalya, Turkey, 2023
1st International Apitherapy Congress, Invited Speaker, Düzce, Turkey, 2023
1st International Apitherapy Congress, Audience, İstanbul, Turkey, 2021
İlaç Tasarımında Yüksek Başarımlı Hesaplama Teknolojileri, Audience, İstanbul, Turkey, 2021
MESMAP-6 (The 6th International Mediterranean Symposium on Medicinal and Aromatic Plants), Invited Speaker, Kilis, Turkey, 2020
5th International Conference on Innovation in Science and Technology, Attendee, Barcelona, Spain, 2018
SUNY Ceremony, Attendee, İstanbul, Turkey, 2013
Pombe 2013-EMBO Conference, Attendee, Londra, United Kingdom, 2013
II. Uluslararası Gıda AR-GE Proje Pazarı, Attendee, İzmir, Turkey, 2013
Genetik Zirvesi, Attendee, İstanbul, Turkey, 2013
Moleküler Biyoteknoloji Bahar Okulu, Attendee, Trabzon, Turkey, 2013
Biohealth Computing (BIOHC) Second Scientific Meeting, Attendee, Archamps, France, 2012
JOI.CON Bologna Konferansı, Attendee, Bologna, Italy, 2012
COIMBRA GROUP-Annual Meeting, Attendee, Göttingen, Germany, 2012
Çalışmalarda İstatistiğin Rolü: Bilinmesi Gereken Yöntemler ve Uygulama Alanları, Attendee, İstanbul, Turkey, 2012
COIMBRA GROUP-Doctoral Studies and Research Task Force Meeting, Attendee, Brüksel, Belgium, 2012

Visual Activities

ARDA E. Ş. N., TV / Radio Training Program in Corporate Studios, 2006 - 2007