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International Researcher IDs

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Publons / Web Of Science ResearcherID: A-8857-2018

ScopusID: 23393569000

Yoksis Researcher ID: 29473

Education Information

Doctorate, İstanbul University, Institute of Graduate Studies In Sciences, Moleküler Biyoloji Ve Genetik Bölümü, Moleküler Biyoloji Ve Genetik Anabilidali, Turkey 2004 - 2010

Postgraduate, İstanbul University, Institute of Graduate Studies In Sciences, Biyoloji Bölümü, Moleküler Biyoloji Ve Genetik Anabilimdalı, Turkey 2001 - 2004

Undergraduate, İstanbul University, Faculty Of Science, Biyoloji, Turkey 1997 - 2001

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, "Glioma Hücrelerinde İndometasinin Meydانا Getirdiği Moleküler Hasarlar Üzerine E Vitamininin Etkileri", İstanbul University, Fen Fakültesi, Fen Bilimleri Enstitüsü, Moleküler Biyoloji Ve Genetik Bölümü/Moleküler Biyoloji Ve Genetik Anabilimdalı, 2010

Postgraduate, "Oksidatif Stres Uygulanmış Schizosaccharomyces pombe'de Moleküler Çalışmalar", İstanbul University, Fen Fakültesi, Fen Bilimleri Enstitüsü, Biyoloji Bölümü, Moleküler Biyoloji Ve Genetik Anabilimdalı, 2004

Research Areas

Life Sciences, Molecular Biology and Genetics, Molecular Biology of Cancer, Natural Sciences

Academic Titles / Tasks

Assistant Professor, İstanbul University, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, 2018 - Continues
Research Assistant, İstanbul University, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, 2006 - Continues
Assistant Professor, İstanbul University, Faculty of Science, Moleküler Biyoloji ve Genetik Bölümü, 2017 - 2018

Academic and Administrative Experience

Deputy Head of Department, İstanbul University, Faculty Of Science, Moleküler Biyoloji ve Genetik Bölümü, 2018 - Continues

Courses

Proteomics and Metabolomics, Undergraduate, 2019 - 2020, 2018 - 2019

PROTEOMICS, Doctorate, 2019 - 2020

Methods in Molecular Biology II, Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018

Bitirme Projesi II, Undergraduate, 2019 - 2020, 2018 - 2019

Fermantasyon Teknolojisi, Undergraduate, 2019 - 2020, 2018 - 2019

Apoptozun Moleküler Teknikler Kullanılarak Belirlenmesi, Postgraduate, 2019 - 2020, 2018 - 2019

Protein Biyokimyası, Postgraduate, 2019 - 2020, 2018 - 2019

Bitirme Projesi I, Undergraduate, 2019 - 2020, 2018 - 2019

Glikobiyoloji, Undergraduate, 2019 - 2020, 2018 - 2019

Protein Saflaştırma Teknikleri, Postgraduate, 2017 - 2018

Bitirme Projesi, Undergraduate, 2017 - 2018, 2016 - 2017

Scientific Research Techniques and Publication Ethics, Undergraduate, 2016 - 2017

Stres Biyolojisi, Undergraduate, 2017 - 2018

Biochemistry I, Undergraduate, 2017 - 2018

Kanser Biyokimyası, Postgraduate, 2017 - 2018

Advising Theses

Pekmez M., Cerulenin Uygulanmış U87 Glioblastoma Hücre Hattında Endoplazmik Retikulum Stresinin Araştırılması, Postgraduate, S.Beyza(Student), Continues

Pekmez M., The effects of temozolomide on exosomal stress proteins in glioma cells / Temozolomidin glioma hücrelerindeki eksozomal stres proteinleri üzerine etkileri, Postgraduate, C.Kilci(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Phytochemical profiling, in vitro biological activities, and in silico (molecular docking and absorption, distribution, metabolism, excretion, toxicity) studies of *< i>Polygonum cognatum</i>* Meissn
Akpinar R., YILDIRIM BAŞTEMUR G., BIÇAK B., ŞANLI N. Ö., MERTOĞLU KAMALI E., PEKMEZ M., KECEL GÜNDÜZ S., Percin oezkorucuklu S.
JOURNAL OF SEPARATION SCIENCE, vol.47, 2024 (SCI-Expanded)
- II. The combined effects of polyethylene microplastics and benzoanthracene on Manila clam *Ruditapes philippinarum*
Kılıç Ö., Belivermiş M., Sıkdomur E., Sezer N., Aksüt Y., Pekmez M., Kösesakal T., Gerçek Y. C.
CHEMOSPHERE, vol.329, 2023 (SCI-Expanded)
- III. Hyperglycemia with or without insulin resistance triggers different structural changes in brain microcirculation and perivascular matrix

- Ozkan E., Cetin-Tas Y., Sekerdag E., Yigit B., Shomalizadeh N., Sapanci S., Ozler C., Kesibi J., Kizilirmak A. B., Pekmez M., et al.
METABOLIC BRAIN DISEASE, vol.38, no.1, pp.307-321, 2023 (SCI-Expanded)
- IV. 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)
- V. The effect of temozolomide on Hsp60 and Hsp70 expression in extracellular vesicles derived from U87MG glioma cells
Pekmez M., Kilci C.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGİSİ, vol.11, no.4, pp.1-11, 2021 (SCI-Expanded)
- VI. 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)
- VII. Intranasal levosimendan prevents cognitive dysfunction and apoptotic response induced by repeated isoflurane exposure in newborn rats
Demirgan S., Akyol O., Temel Z., Sengelen A., Pekmez M., Ulas O., Sevdi M. S., Erkalp K., Selcan A.
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.394, pp.1553-1567, 2021 (SCI-Expanded)
- VIII. Effects of microplastics and mercury on manila clam *Ruditapes philippinarum*: Feeding rate, immunomodulation, histopathology and oxidative stress
Sık dokur E., Belivermiş M., Sezer N., Pekmez M., Bulan Ö. K., Kılıç Ö.
Environmental Pollution, vol.262, 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. 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)
- XI. Nutritional and health benefits of legumes and their distinctive genomic properties
Çakır Ö., Uçarlı C., Tarhan Ç., Pekmez M., Turgut Kara N.
Ciencia E Tecnologia De Alimentos, vol.39, no.1, pp.1-12, 2019 (SCI-Expanded)
- XII. Isoflurane exposure in infant rats acutely increases aquaporin 4 and does not cause neurocognitive impairment
DEMIRGAN S., AKYOL O., Temel Z., Sengelen A., Pekmez M., Demirgan R., SEVDI M. S., ERKALP K., SELCAN A.
BOSNIAN JOURNAL OF BASIC MEDICAL SCIENCES, vol.19, no.3, pp.257-264, 2019 (SCI-Expanded)
- XIII. Classical Galactosemia: Insight into Molecular Pathomechanisms by Differential Membrane Proteomics of Fibroblasts under Galactose Stress
Staubach S., Mueller S., Pekmez M., Hanisch F.
JOURNAL OF PROTEOME RESEARCH, vol.16, no.2, pp.516-527, 2017 (SCI-Expanded)
- XIV. 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)
- XV. Differential Proteomics of Urinary Exosomes from Classical Galactosemic Patients Reveals Subclinical Kidney Insufficiency
Staubach S., Pekmez M., Hanisch F.
JOURNAL OF PROTEOME RESEARCH, vol.15, no.6, pp.1754-1761, 2016 (SCI-Expanded)
- XVI. IN VITRO ANTICANCER ACTIVITY AND CYTOTOXICITY OF SOME PAPAVER ALKALOIDS ON CANCER AND NORMAL CELL LINES

- Demirgan R., Karagoz A., Pekmez M., Onay-Ucar E., Artun F. T., Gurer Ç., Mat A.
AFRICAN JOURNAL OF TRADITIONAL COMPLEMENTARY AND ALTERNATIVE MEDICINES, vol.13, no.3, pp.22-26,
2016 (SCI-Expanded)
- XVII. **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)
- XVIII. **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)
- XIX. **Evaluation of biological activities of Physalis peruviana ethanol extracts and expression of Bcl-2 genes in HeLa cells**
Cakir O., Pekmez M., Cepni E., Candar B., Fidan K.
FOOD SCIENCE AND TECHNOLOGY, vol.34, no.2, pp.422-430, 2014 (SCI-Expanded)
- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **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)

Articles Published in Other Journals

- I. **The relationship between DIRAS1 gene and idiopathic generalized epilepsy in the Turkish population**
 Kaplan Ö., Pekmez M., Akinci Y., Atakli H. D., Eren F., Dirican A. C., Celik R. G. G., Gul Z. B., Ozcelik E. U., Gul G., et al.
GENE REPORTS, vol.23, 2021 (ESCI)
- II. **Effects of Scilla autumnalis Extracts on U87-MG Human Glioblastoma Cells**
 Pekmez M., Tarhan Ç., Zeytunluoğlu A., Turan M., Mete Ş. B., Köseler A.
Kafkas Tıp Bilimleri Dergisi, vol.11, no.2, pp.299-306, 2021 (Peer-Reviewed Journal)
- III. **Evaluation of In vitro Wound Healing Activity of Thymoquinone**
 Pekmez M., Milat N. S.
European Journal of Biology, vol.72, no.2, pp.151-156, 2020 (Peer-Reviewed Journal)
- IV. **Total phenolic contents, antioxidant activities and cytotoxicity of three Centaurea species: C. calcitrapa subsp. calcitrapa, C. ptosimopappa and C. spicata**
 Erol-Dayı Ö., PEKMEZ M., Bona M., Aras-Perk A., ARDA E. Ş. N., ARAS PERK A.
Free Radicals and Antioxidants, vol.1, no.2, pp.31-36, 2011 (Peer-Reviewed Journal)
- V. **Intracellular scavenging activity of Trolox (6-hydroxy-2,5,7,8-tetramethylchromane-2-carboxylic acid) in the fission yeast, Schizosaccharomyces pombe**
 Hamad İ., Arda N., PEKMEZ M., Karaer S., Temizkan G.
Journal of Natural Science Biology and Medicine, vol.1, no.1, pp.16-21, 2010 (Scopus)

Books & Book Chapters

- I. **Exosomal Heat Shock Proteins in Cancer**
 Önay Uçar E., Mertoğlu Kamalı E., Kiyga E., Şengelen A., Pekmez M., Arda E. Ş. N.
 in: Heat Shock Proteins (HSP) in Cellular Communication and Signaling, Heat Shock Proteins Volume 26,
 Alexzander A.A. Asea,Punit Kaur, Editor, Scientific Scholar LLC, New York, pp.139-152, 2023
- II. **Bölüm 11 Yeni Virüslerin Ortaya Çıkışı**
 Arda E. Ş. N., Önay Uçar E., Pekmez M.
 in: Virolojinin Prensipleri Cilt II Patogenez ve Kontrol, Hikmet Geçkil,Ekrem Atalan, Editor, Palme Yayın Dağıtım,
 Ankara, pp.362-385, 2022
- III. **Bölüm 12 Hücre İçi Trafik**
 Arda E. Ş. N., Önay Uçar E., Pekmez M.
 in: Virolojinin Prensipleri Beşinci Baskıdan Çeviri CİLT I Moleküler Biyoloji, Hikmet Geçkil, Editor, Palme Yayın
 Dağıtım, Ankara, pp.399-432, 2022
- IV. **What We Know About the Role of Heat Shock Proteins in Coronavirus Infection: A Remarkable Prognostic Factor or a Therapeutic Strategy?**
 ŞENGELEN A., DEMİRGAN S., Aksüt Y., PEKMEZ M., ARDA E. Ş. N., ÖNAY UÇAR E.
 in: Heat Shock Proteins (HSP) and Coronavirus, Heat Shock Proteins Volume 25, Asea Alexzander A.A., Kaur Punit,
 Editor, ISBN: 979-8-9873112-0-2, pp.36-65, 2022
- V. **Can Hsp Targeted Gene Therapy Be a New Hope for Gliomas?**
 ÖNAY UÇAR E., Şengelen A., Güngör E., MERTOĞLU E., PEKMEZ M., ARDA E. Ş. N.
 in: Heat Shock Proteins in Neuroscience, Heat Shock Proteins Volume 20, Asea A.A.A., Kaur P., Editor, Springer-
 Verlag , Cham, pp.209-230, 2019
- VI. **Suppression of HSP70 Expression by Quercetin and Its Therapeutic Potential Against Cancer**
 Önay Uçar E., Şengelen A., Mertoğlu E., Pekmez M., Arda N.
 in: HSP70 in Human Diseases and Disorders, Asea A.A.A.,Kaur P., Editor, Springer, Zug, pp.361-379, 2018
- VII. **HSP70 in Human Diseases and Disorders**
 Önay Uçar E., Şengelen A., Mertoğlu E., Pekmez M., Arda E. Ş. N.
 in: Suppression of HSP70 Expression by Quercetin and Its Therapeutic Potential Against Cancer, Asea A.A.A.,Kaur P.,
 Editor, Springer, London/Berlin , Zug, pp.361-379, 2018
- VIII. **Biyoteknolojide Proteomik Uygulamaları**
 ARDA E. Ş. N., ÖNAY UÇAR E., PEKMEZ M.

in: *Güncel Biyoteknoloji ve Uygulamaları*, Munis Dündar, Haydar Bağış, Editor, Erciyes Üniversitesi Yayımları, Kayseri, pp.279-294, 2017

IX. Targeting of Heat Shock Proteins by Natural Products in Cancer

ÖNAY UÇAR E., PEKMEZ M., ARDA E. Ş. N.

in: *Molecular Oncology: Underlying Mechanisms and Translational Advancements*, Farooqi A.A., Ismail M., Editor, Springer-Verlag , Cham, pp.173-193, 2017

X. Targeting of Heat Shock Proteins by Natural Products in Cancer

ÖNAY UÇAR E., PEKMEZ M., ARDA E. Ş. N.

in: *Molecular Oncology: Underlying Mechanisms and Translational Advancements*, Farooqi A.A., Ismail M., Editor, Springer-Verlag , Cham, pp.173-193, 2017

Refereed Congress / Symposium Publications in Proceedings

I. Tiroid Kanseri Hücrelerinde N-bağılı Glikoproteinlerin Glikomik Analizi Yeni Potansiyel Terapötik ve Tanısal Hedefleri İşaret Eder

Bektaş S., Pekmez M., Şanlı K., Sancar S., Arda Pirinççi B. P., Arda E. Ş. N., Hanisch F. G., Kaptan E.

11. ULUSAL MOLEKÜLER BİYOLOJİ VE BİYOTEKNOLOJİ KONGRESİ, İstanbul, Turkey, 7 - 09 October 2022, pp.67

II. İnsan anaplastik tiroit kanserinde Maackia amurensis Lökoaglutinin uygulaması sağkalım yolaklarının etkinliğini ve EMT ilişkili transkripsiyon faktörlerini baskılar

Bektaş S., Sancar S., Pekmez M., Arda Pirinççi B. P., Kaptan E.

10. ULUSAL MOLEKÜLER BİYOLOJİ VE BİYOTEKNOLOJİ KONGRESİ, İstanbul, Turkey, 17 - 19 December 2021, pp.32

III. POTENTIAL APPLICATIONS OF PLANT LECTINS AGAINST SARS-CoV-2

Pekmez M.

The Sixth International Mediterranean Symposium on Medicinal and Aromatic Plants, İzmir, Turkey, 15 - 17

October 2020, pp.40

IV. Investigation of Thymoquinone usability on wound healing

Milat N. S., Şengelen A., PEKMEZ M.

7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 27 - 29 September 2019, vol.43, no.5, pp.10

V. Suppression of Hsp60 and Hsp70 increases the anti-tumor effectsof resveratrol in human glioblastoma cells

Önay Uçar E., Şengelen A., Mertoğlu E., Pekmez M., Arda E. Ş. N.

7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 27 - 29 September 2019, no.36, pp.100

VI. Investigation of cytotoxic activity of cerulenin and vitamin E combination in U87 glioma cell line

Uzunalioğlu N., MERTOĞLU E., PEKMEZ M.

7th International Congress of the Molecular Biology Association of Turkey, İstanbul, Turkey, 27 - 29 September 2019, no.42, pp.106

VII. The effects of vitamin E on molecular damages induced by indomethacin in glioma cells

ARDA E. Ş. N., PEKMEZ M., ÖNAY UÇAR E.

EACR-AACR-SIC SPECIAL CONFERENCE 2017, Floransa, Italy, 24 - 27 June 2017, pp.105

VIII. Protective effects of Sanicula europaea extracts on nuclear DNA damage

ÖNAY UÇAR E., PEKMEZ M., MERTOĞLU E., Dalyan L., ARDA E. Ş. N.

24th Biennial Congress of the European Association for Cancer Research, Manchester, United Kingdom, 9 - 12 July 2016, vol.61, no.1

IX. Cytotoxic Effects Of Physalis Peruviana Ethanol Extracts On Hela Cells

Fidan K., Candar Çakır B., PEKMEZ M., ÇAKIR Ö.

1st Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-2013), Cyprus (Kktc), 1 - 04 April 2013, pp.240

X. The effects of Alpha-Tocopheryl Succinate on Molecular Damages Induced by Indomethacin and on

Apoptosis in C6 Glioma Cells

PEKMEZ M., Oktay Z., Açılan Ayhan C., ARDA E. Ş. N.

EACR-ANTICANCER AGENTS RESEARCH CONGRESS, Antalya, Turkey, 13 - 16 October 2011, pp.54-55

XI. Oxidative stress studies with IMPDH-overexpressed *S. pombe*

Karaer Uzuner S., Seven M., Sişko S., PALABIYIK B., Pekmez M., Topal Sarıkaya A.

The 6th International Fission Yeast Meeting, United States Of America, 1 - 04 June 2011, vol.1, pp.232

XII. Antioxidant activity of whey and whey hydrolysates.

Arda E. Ş. N., Önay Uçar E., Pekmez M., Yılmaz A. M., Yalçın A. S.

34th FEBS Congress, Praha, Czech Republic, 4 - 09 July 2009, pp.299

XIII. Free radical scavenging activity and protective effects of *Alchemilla vulgaris* (L.)

Hamad I., EROL-DAYI O., Pekmez M., Onay-Ucar E., Arda N.

13th European Congress on Biotechnology (ECB 13), Barcelona, Spain, 16 - 19 September 2007, vol.131

XIV. Fission yeast as a model for ALS disease

Karaer S., Tarhan C., Hamad I., Pekmez M., Arda N., Sarıkaya A. T.

13th European Congress on Biotechnology (ECB 13), Barcelona, Spain, 16 - 19 September 2007, vol.131

XV. Antioxidant potential of whey protein fractions

Bayram T., Pekmez M., Onay-Ucar E., Arda N., YALCIN S.

31st Congress of the Federation-of-European-Biochemical-Societies (FEBS), İstanbul, Turkey, 24 - 29 June 2006, vol.273, pp.299

XVI. Studying on Zinc Toxicity and Antioxidant Defense Mechanism in *Schizosaccharomyces pombe*

TARHAN Ç., PEKMEZ M., Topal SARİKAYA A.

The XXIIInd International Conference on Yeast Genetics and Molecular Biology, Slovakia, 1 - 04 September 2005, pp.36

XVII. Çinko Toksisitesi ve Antioksidan Savunma Mekanizmaları Üzerine Çalışmalar

TARHAN Ç., PEKMEZ M., Topal SARİKAYA A.

XIV. Ulusal Biyoteknoloji Kongresi, Eskişehir, Turkey, 1 - 04 September 2005, pp.322

XVIII. Ökseotunun (*Viscum album* ssp.*album*) Pigment İçeriği Üzerinde Konakçı Ağaçlarının Etkisi

Pekmez M., Önay Uçar E., Arda E. Ş. N.

XVI. Ulusal Biyoloji Kongresi, Malatya, Turkey, 4 - 07 September 2002, pp.173

XIX. Antioxidant potential of Some Turkish Medicinal Plants

Arda E. Ş. N., Önay Uçar E., Pekmez M., Karagöz A.

2rd International Meeting on Free adicals in Health and Disease, İstanbul, Turkey, 8 - 12 May 2002, pp.2

Supported Projects

KARALI N. L., TEMİZER A. B., ÖZSOY N., ARDA E. Ş. N., ANDAŞ Ö., KARABAĞ N., MERTOĞLU E., PEKMEZ M., Project Supported by Higher Education Institutions, Benzotiyazolin Artığı Taşıyan Spiroindolinonlar: Sentez Yapı Tayini ve Biyolojik Etki Araştırmaları, 2020 - Continues

PEKMEZ M., TEKİN F. M., Project Supported by Higher Education Institutions, 1415EET

(1415epoxy5Z8Z11Zeicosatrienoic acid)'nın İnsan Fibroblast Hücre Hattı Üzerinde Yara İyileştirici Etkisinin Araştırılması, 2023 - 2023

ARDA E. Ş. N., PABUCCUOĞLU S. K., PEKMEZ M., KAPLAN Ö., MERTOĞLU E., GÖK M. K., GÖKÇE İ., Project Supported by Higher Education Institutions, Mcl-1 Protein İnhibitörü Yüklü Nanopartiküllerin Kanser Hücreleri Üzerindeki Sitotoksik ve Apoptotik Etkilerinin Araştırılması, 2019 - 2023

Pekmez M., Kılıç Ö., Belivermiş M., Kaptan E., IAEA International Atomic Energy Agency Supported Project, Nuclear Techniques to Assess the Effect of Coastal Stressors on Marine Organisms, 2019 - 2023

PEKMEZ M., METE Ş. B., Project Supported by Higher Education Institutions, Cerulenin Uygulanmış U87 Glioblastoma Hücre Hattında Endoplazmik Retikulum Stresinin Araştırılması, 2019 - 2022

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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

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Memberships / Tasks in Scientific Organizations

Serbest Radikaller ve Antioksidanlar Araştırma Derneği, Member, 2009 - Continues

Scientific Refereeing

African Journal of Biotechnology, National Scientific Refreed Journal, April 2010

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Congress and Symposium Activities

1st Mediterranean Symposium on Medicinal and Aromatic Plants (MESMAP-2013), Attendee, Cyprus (Kktc), 2013

EACR-Anticancer Agents Research Congress, Attendee, Antalya, Turkey, 2011

The Sixth International Fission Yeast Meeting, Attendee, Boston, United States Of America, 2011

34th FEBS Congress, Attendee, Prag, Czech Republic, 2009

I. Ulusal Maya Moleküler Biyolojisi ve Biyoteknoloji Sempozyumu, Attendee, Bursa, Turkey, 2008

13th European Congress on Biotechnology, Attendee, Barcelona, Spain, 2007

9th Eurasia Conference on Chemical Sciences (EuAs C2S-9), Attendee, Antalya, Turkey, 2006

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