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International Researcher IDs

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Education Information

Doctorate, Eskisehir Osmangazi University, Tıp Fakültesi, Temel Tıp Bil. Bölümü, Turkey 2015 - 2021

Postgraduate, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji (YI) (Tezli), Turkey 2013 - 2015

Postgraduate, Kirikkale University, Institute Of Science, Kimya (YI) (Tezli), Turkey 2010 - 2013

Undergraduate, Kirikkale University, Faculty Of Arts And Sciences, Department Of Chemistry, Turkey 2008 - 2010

Undergraduate, Kirikkale University, Faculty Of Arts And Sciences, Department Of Biology, Turkey 2006 - 2010

Certificates, Courses and Trainings

Health&Medicine, II. Deneysel Sinirbilim Yöntemleri Kursu, Yeni Nesil Dizileme Teknolojileri, İstanbul Üniversitesi, Aziz Sancar Deneysel Tıp Araştırma Enstitüsü, Sinirbilim Anabilim Dalı , 2018

Dissertations

Doctorate, DETERMINATION OF INFLAMMATORY GENE VARIANTS AND PROTEIN LEVELS IN PROSTATE CANCER, Eskisehir Osmangazi University, Tıp Fakültesi, Temel Tıp Bil. Bölümü, 2021

Postgraduate, NOTCH3 C381T VE G684A polimorfizmlerinin akciğer kanseri ile ilişkisinin belirlenmesi, Eskisehir Osmangazi University, Sağlık Bilimleri Enstitüsü, Tıbbi Biyoloji (YI) (Tezli), 2015

Postgraduate, 4-vinil piridin aşılınmış poli(etilen tereftalat) liflere gümüş adsorpsiyonu yapılarak antibakteriyel özelliğinin incelenmesi, Kirikkale University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2012

Research Areas

Health Sciences

Academic Titles / Tasks

Research Assistant PhD, Eskisehir Osmangazi University, Tıp Fakültesi, Temel Tıp Bil. Bölümü, 2021 - Continues

Research Assistant, Eskisehir Osmangazi University, Tıp Fakültesi, Temel Tıp Bil. Bölümü, 2013 - 2021

Research Assistant, Bülent Ecevit Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 2011 - 2013

Academic and Administrative Experience

Doku Tipleme Laboratuvarı Sorumlu yardımcısı, Eskisehir Osmangazi University, Tıp Fakültesi, Dahili Tıp Bil. Bölüm, 2022
- Continues

Courses

Tıbbi Biyoloji Laboratuvarı, Undergraduate, 2022 - 2023

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Gene Variations of Chemokine and Chemokine Receptor CXCL12/CXCR4 in Lung Cancer**
Özbayer C., Yağcı E., Ak G., Metintaş S., Metintaş M., Kurt H.
Journal of Environmental Pathology, Toxicology and Oncology, vol.42, no.2, pp.49-57, 2023 (SCI-Expanded)
- II. **NLRP3-Inflammasome Gene Variations in the Risk of Type 2 Diabetes**
Özbayer C., Kurt H., Yağcı E., Kebapçı M. N., Gunes H. V., Değirmenci İ.
JOURNAL OF ENVIRONMENTAL PATHOLOGY TOXICOLOGY AND ONCOLOGY, vol.41, no.2, pp.1-13, 2022 (SCI-Expanded)
- III. **Common Variants rs3815188 and rs1043994 on Notch3 Gene Confer Susceptibility to Lung Cancer: A Hospital-Based Case-Control Study**
Yağcı E., Değirmenci İ., Özbayer C., Ak G., Saydam F., Metintaş M.
JOURNAL OF ENVIRONMENTAL PATHOLOGY TOXICOLOGY AND ONCOLOGY, vol.38, no.1, pp.61-68, 2019 (SCI-Expanded)
- IV. **Genetic variant in the 3'-untranslated region of the COX2 gene is associated with type 2 diabetes: A hospital-based case-control study**
Özbayer C., Kebapçı M. N., Değirmenci İ., Yağcı E., Gunes H. V., Kurt H.
PROSTAGLANDINS LEUKOTRIENES AND ESSENTIAL FATTY ACIDS, vol.137, pp.39-42, 2018 (SCI-Expanded)

Articles Published in Other Journals

- I. **Association of PTEN Gene Polymorphisms, Protein Levels and Endometrial Cancer: A Hospital-Based Case-Control Study . Biyolojik Çeşitlilik ve Koruma , 16 (1) , 63-69 .**
Yağcı E., Öztürk H. M., Öge T., Özbayer C., Kurt H.
BIOLOGICAL DIVERSITY AND CONSERVATION, vol.16, no.1, pp.63-69, 2023 (Peer-Reviewed Journal)
- II. **Mycoremediation of Trichoderma harzianum and Penicillium chrysogenum to Pb Exposure: Effect on Metal Bioaccumulation, Oxidative Stress and Antioxidant System**
Malkoç S., Kurt H., Özbayer C., Yağcı E.
COMPUTATIONAL RESEARCH PROGRESS IN APPLIED SCIENCE & ENGINEERING, vol.7, pp.1-4, 2021 (Peer-Reviewed Journal)
- III. **Determination of Bioaccumulation Ratios and Antioxidant Activity of Lead and (+)-Catechin in Some Rat Tissues After Co-Administration**
Malkoç S., Kurt H., Özbayer C., Yağcı E.
COMPUTATIONAL RESEARCH PROGRESS IN APPLIED SCIENCE & ENGINEERING, vol.7, no.4, pp.1-5, 2021 (Peer-Reviewed Journal)
- IV. **An Overview of Association Between Exosomes and Lung Cancer**
YAĞCI E., ÖZBAYER C., KURT H.
OSMANGAZİ JOURNAL OF MEDICINE, vol.42, no.1, pp.114-120, 2020 (Peer-Reviewed Journal)
- V. **NLRP3 İnflamazom Geni rs4925648, rs121908149 ve rs121908152 Varyantları ile Tip 2 Diyabet Riski**
ÖZBAYER C., KEBAPÇI M. N., YAĞCI E., KURT H., GÜNEŞ H. V., DEĞİRMENCİ İ.

OSMANGAZİ JOURNAL OF MEDICINE, vol.41, no.2, pp.153-160, 2019 (Peer-Reviewed Journal)

- VI. **Obezite, Tip 2 Diyabet ve İnsülin Direnci Arasındaki Bağlantı:İnflamasyon**
Özbayer C., Yağcı E., Kurt H.
Aydın Tıp Fakültesi Klinikleri, vol.1, no.2, pp.27-36, 2018 (Peer-Reviewed Journal)
- VII. **Epigenetikten Kansere Uzanan Çizgiler: Uzun Kodlamayan RNA'lar**
Turgut Coşan D., Yağcı E., Kurt H.
Osmangazi Journal of Medicine, vol.40, no.3, pp.114-121, 2018 (Peer-Reviewed Journal)
- VIII. **Notch Sinyal Yolağı ve Karsinogenez**
Yağcı E., Güneş H. V.
Osmangazi Journal of Medicine, vol.39, pp.109-116, 2017 (Peer-Reviewed Journal)
- IX. **Investigation of the MMP2 and MMP9 gene polymorphisms in malignant mesothelioma and other pleural diseases**
TUNCEL T., METİNTAŞ M., YAĞCI E., AK G., METİNTAŞ S., GÜNEŞ H. V.
Biomedical Research (India), vol.28, no.20, pp.8670-8674, 2017 (Scopus)

Books & Book Chapters

- I. **Piroptozun Moleküler Mekanizması ve Kanser**
Yağcı E., Krasniqi Y., Özbayer C., Kurt H.
in: Tıp ve Sağlık Bilimleri Çalışmaları, Mustafa Cengiz, Editor, Lvre de Lyon, Bölüm XX 295-324, 2022, Lyon, pp.295-324, 2022
- II. **Hücre Döngüsü ve Kanser**
KURT H., YAĞCI E.
in: KANSER GENETİĞİ VE MOLEKÜLER BİYOLOJİSİ, Editör; Prof. Dr. İrfan Değirmenci, Editör Yardımcıları; Doç.Dr. Cansu Özbayer Doç. Dr. Fatih Kar Dr. Öğr. Üyesi Ayşe Çakır Gündoğdu, Editor, NOBEL AKADEMİK YAYINCILIK EĞİTİM DANIŞMANLIK TİC. LTD. ŞT, Ankara, pp.51-68, 2022
- III. **Obezite ve Kemokinler**
Yağcı E., Özbayer C., Kurt H.
in: Obeziteye Multidisipliner Bakış, Filiz Özyiğit, Editor, Akademisyen Kitapevi, Ankara, pp.223-231, 2021
- IV. **Hipertansiyon, İmmunité ve İnflamasyon**
YAĞCI E., ÖZBAYER C., KURT H.
in: HİPERTANSİYONA MULTİDİSİPLİNER YAKLAŞIM, FİLİZ ÖZYİĞİT, Editor, AKADEMİSYEN KİTABEVİ, Ankara, pp.83-92, 2020
- V. **DOĞAL BAĞIŞIKLIĞIN TEMEL MOLEKÜLLERİ: KALIP TANIMA RESEPTÖRLERİ**
ÖZBAYER C., YAĞCI E., KURT H.
in: Sağlık Bilimleri Alanında Araştırma Makaleleri, İbrahim ÇALTEKİN, Melike ÇALTEKİN, Editor, Gece Kitaplığı Yayınevi, pp.113-133, 2019
- VI. **NEDEN KANSER OLMUYORLAR?**
YAĞCI E., ÖZBAYER C., KURT H.
in: Sağlık Bilimleri Alanında Araştırma Ve Değerlendirmeler, Cem EVEREKLİOĞLU, Gülşen GONCAGÜL, Cesareddin DİKMETAŞ, Editor, Gece Kitaplığı Yayınevi, Ankara, pp.159-170, 2019

Refereed Congress / Symposium Publications in Proceedings

- I. **Relationship Between PTEN Gene Polymorphisms and PTEN Protein Expression Level with Endometrial Cancer**
Yağcı E., Öztürk H. M., Öge T., Özbayer C., Kurt H.
International Conference on Medical, Biological and Pharmaceutical Sciences, Frankfurt, Germany, 14 December 2022, pp.59

- II. **Ankiran tekrar dizileri kanser arařtırmaları için potansiyel bir hedef olabilir mi?**
ÖZBAYER C., ZENGİN G., YAĞCI E., KURT H.
5th International Eurasian Conference on Biological and Chemical Sciences, Ankara, Türkiye, Ankara, Turkey, 23 November 2022, pp.493-495
- III. **Mitofaji ve Kanser**
Yağcı E.
3 rd International Congress of Health Sciences and Biotechnology , Bilecik, Turkey, 3 - 07 October 2022, no.23, pp.219-227
- IV. **Chemokines, the Most Important Regulators of Inflammation, and Cancer: From Virchow to Date**
ÖZBAYER C., KURT H., YAĞCI E.
II. Erasmus International Academic Research Symposium, Paris, France, 11 - 13 October 2019
- V. **An Overview of the Importance of the Inflammation Complement Pathway in Alzheimer's Disease**
Kurt H., Özbayer C., Yağcı E.
II. Erasmus International Academic Research Symposium, Paris, France, 11 - 13 October 2019
- VI. **Exosomes in Cancer: Smart Munchkins**
KURT H., YAĞCI E., ÖZBAYER C.
IV. International Congress for Applied Biological Sciences, 3 - 05 May 2018
- VII. **How is Bisphenol A Effects On Endometrial Cancer ?**
KURT H., ÖZTÜRK M., ÖZBAYER C., YAĞCI E.
IV. International Congress for Applied Biological Sciences, 3 - 05 May 2018
- VIII. **Elevated Serum Level of Inducible Nitric Oxide Synthase In Patients With Lung Cancer**
YAĞCI E., ÖZBAYER C., KURT H., AK G., METİNTAŞ S., METİNTAŞ M.
IV. International Congress for Applied Biological Sciences, 3 - 05 May 2018
- IX. **Genetic Variations in the NLRP3 Inflammasome and Risk of Type 2 Diabetes**
ÖZBAYER C., KEBAPÇI M. N., YAĞCI E., KURT H., GÜNEŞ H. V., DEĞİRMENCİ İ.
IV. International Congress for Applied Biological Sciences, Eskişehir, Turkey, 3 - 05 May 2018
- X. **Copper Bioaccumulation of Fungi and Oxidative Responses**
MALKOÇ S., KURT H., ÖZBAYER C., YAĞCI E.
IV. International Congress for Applied Biological Sciences, 3 - 05 May 2018
- XI. **A new biomarker for obesity: Can GDF-15 fight obesity?**
ÖZBAYER C., KURT H., YAĞCI E.
International Congress on Molecular Biology and Biotechnology, 25 - 27 April 2018
- XII. **Metal Bioaccumulation, Oxidative Stress and Antioxidant Defenses in Trichoderma harzianum Response to Pb Exposure**
MALKOÇ S., KURT H., ÖZBAYER C., YAĞCI E.
International Eurasian Conference on Biological and Chemical Sciences, 26 - 27 April 2018
- XIII. **The rs10733113 and rs10754558 variants of NLRP3 gene and Type 2 Diabetes**
ÖZBAYER C., KURT H., KEBAPÇI M. N., DEĞİRMENCİ İ., YAĞCI E., GÜNEŞ H. V.
International Eurasian Conference on Biological and Chemical Sciences, 26 - 27 April 2018
- XIV. **New Lines carcinogenesis: Long Non-Coding RNAs**
TURGUT COŞAN D., YAĞCI E., KURT H.
7. International Molecular Biology and Biotechnology Congress (MOLBIOTECH), Konya, Turkey, 25 April 2018, pp.229-230
- XV. **Psychosocial Work Stress and Type 2 Diabetes in Women**
ÖZBAYER C., KURT H., YAĞCI E.
1st International Women Research Symposium, 13 - 14 October 2017, vol.235
- XVI. **Radiation Occupational Exposure: Female Workers, Pregnancy and DNA Damage**
KURT H., YAĞCI E., ÖZBAYER C.
1st International Women Research Symposium, 13 - 14 October 2017, pp.229
- XVII. **Encountered Risks of Working Women in Molecular Biology Laboratory.**
TURGUT COŞAN D., YAĞCI E., KURT H.

1st International Women Research Symposium, 13 - 14 October 2017

XVIII. Sentinel Angels and Dracula Hormone

YAĞCI E., ÖZBAYER C., KURT H.

1st International Women Research Symposium, 13 - 14 October 2017, pp.43

XIX. Raised Serum Levels of Cyclooxygenase-2 in Lung Cancer Patients

ÖZBAYER C., AK G., YAĞCI E., KURT H., METİNTAŞ S., GÜNEŞ H. V., METİNTAŞ M.

3rd International Congress on Applied Biological Science, 9 - 12 July 2017, pp.40

XX. Evaluation of Plasma Monocyte Chemoattractant Protein-1 (MCP-1) Levels in Patients with Lung Cancer

KURT H., ÖZBAYER C., AK G., YAĞCI E., GÜNEŞ H. V., METİNTAŞ S., METİNTAŞ M.

3rd INTERNATIONAL CONGRESS on APPLIED BIOLOGICAL SCIENCES., 9 - 12 July 2017

XXI. Investigation Of Antibacterial Properties By Adsorption Silver To 4-Vinyl Pyridine Monomer Grafted Poly(Ethylene Terephthalate) Fiber

YAĞCI E., BOZKAYA O., YİĞİTOĞLU M.

6th International Congress of Molecular Medicine, 22 - 25 May 2017

XXII. Cannabis, Cannabinoids and Cannabidiol: Molecular Mechanisms in Neurodegenerative Diseases

KURT H., YAĞCI E.

1st International Congress Medicinal and Aromatic Plants, 9 - 12 May 2017

XXIII. Complementary and Alternative Therapies in Cancer: Bitter Melon and Anti-tumoral Activity

YAĞCI E., KURT H.

1st International Congress Medicinal and Aromatic Plants, 9 - 12 May 2017

XXIV. KOAH'lı hastalarda Mannoza Bağlayıcı Lektin (MBL) gen polimorfizmi

TURAN Ç., YAĞCI E., ÇALIŞ İ. U., ERGİNEL M. S.

Türk Toraks Derneği 20. Yıllık Kongresi, Turkey, 5 - 09 April 2017

XXV. The Investigation of the Association between NOTCH3 C381T and G686A Polymorphism and Lung Cancer

YAĞCI E., DEĞİRMENCİ İ., ÖZBAYER C., SAYDAM F., AK G., ÜSTÜNER D., GÜNEŞ H. V., METİNTAŞ M.

Uluslararası Katılımlı 14. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Muğla, Turkey, 27 - 30 October 2015, pp.242-243

XXVI. Mezotelyoma ile matriks metalloproteinaz 2 C1306T ve metalloproteinaz 9 C1562T polimorfizmleri arasındaki ilişkinin incelenmesi

TUNCEL T., AK G., YAĞCI E., DEĞİRMENCİ İ., GÜNEŞ H. V., METİNTAŞ M.

XIV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Turkey, 27 - 30 October 2015

XXVII. The association between the IVS4+44C>A polymorphism in the DMT1 gene and myocardial infarction risk. P183.

YAĞCI E., BİRDANE A., ÖZBAYER C., SAYDAM F.

III. International Congress of the Molecular Biology Association, 10 - 12 September 2014

Supported Projects

Yağcı E., Ölgen M., TUBITAK Project, Evaluation of the Association of CCL11 rs16969415, CCR3 rs4987053 Gene Variants with Endometrial Cancer, 2023 - 2024

KURT H., YAĞCI E., ÖZEN A., ÖZBAYER C., Project Supported by Higher Education Institutions, Prostat Kanseriinde Eksozom ile Taşınan Metastaz İlişkili Mirna'ların Ekspresyonlarının Belirlenmesi, 2019 - 2024

YAĞCI E., KURT H., ÖZBAYER C., ÖZEN A., KRASNIQI Y., Project Supported by Higher Education Institutions, PROSTAT KANSERİNDE PİROPTOZ İLİŞKİLİ GENETİK VARYANTLAR VE PROTEİN SEVİYELERİNİN BELİRLENMESİ, 2023 - 2023

Özbayer C., Yağcı E., Kurt H., Project Supported by Higher Education Institutions, NOTCH1 ve NOTCH3 Genlerindeki Sekans Varyantların Prostat Kanseri Riski ile İlişkisinin Belirlenmesi, 2021 - 2023

KURT H., YAĞCI E., Project Supported by Higher Education Institutions, Prostat Kanseriinde Eksozom İzolasyonu ve Karakterizasyonu, 2019 - 2022

YAĞCI E., ERGİNEL M. S., Project Supported by Higher Education Institutions, KOAH'LI HASTALARDA MBL GEN POLİMORFİZMİ, 2015 - 2017

GÜNEŞ H. V., YAĞCI E., METİNTAŞ M., Project Supported by Higher Education Institutions, Mezotelyoma ile Matriks Metalloproteinaz 2 C1306T ve Metalloproteinaz 9 C1562T polimorfizmleri arasındaki ilişkinin incelenmesi, 2014 - 2015

YAĞCI E., METİNTAŞ M., Project Supported by Higher Education Institutions, Notch3 C381T G684A Polimorfizmlerinin Akciğer Kanseri ile İlişkisinin Belirlenmesi, 2014 - 2015

Activities in Scientific Journals

Journal of Advances in Medicine and Medical Research, Editor, 2019 - 2023

Scientific Refereeing

JOURNAL OF CLINICAL PHARMACY AND THERAPEUTICS, Journal Indexed in SCI-E, March 2021

CANCER MEDICINE, Journal Indexed in SCI-E, April 2019

marmara Fen Bilimleri Dergisi , Other Journals, September 2018

Metrics

Publication: 47

Citation (WoS): 17

Citation (Scopus): 16

H-Index (WoS): 2

H-Index (Scopus): 2

Awards

Erginel M. S., Yağcı E., Çalış İ. U., KOAH'lı hastalarda MannoZ Bağlayıcı Lektin (MBL) gen polimorfizm, Türk Toraks Derneği, April 2017