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International Researcher IDs

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Learning Knowledge

Doctorate 2019 - 2023	Kirikkale University, Turkey
Doctorate 2016 - 2020	Hacettepe University, Turkey
Postgraduate 2006 - 2008	Kirikkale University, Turkey
Undergraduate 2000 - 2006	Bursa Uludağ University, Turkey

Academic Titles / Tasks

Assistant Professor 2023 - Continues	Istanbul Gelisim University, VOCATIONAL SCHOOL OF HEALTH SERVICES, PATHOLOGY LABORATORY TECHNIQUES
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Supported Projects

1. Dirican O., Oğuztüzün S., Project Supported by Higher Education Institutions, Investigation of Glutathione S-transferase (GST) Mu, GST Theta and p53 mutations in Subjects with Childhood Obesity. (Kırıkkale Üniversitesi BAP-Proje No.2022/052), 2022 - 2023
2. Dirican O., Oğuztüzün S., Project Supported by Higher Education Institutions, The Role of GST-T1, GST-M1 and p53 Isozymes in Brain Tumor. (Kırıkkale Üniversitesi BAP-Proje No.2019/178), 2019 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

1. **Unveiling the etiological impact of GST-M1, GST-T1, and P53 genotypic variations on brain carcinogenesis**
DİRİCAN O., Kaygın P., Oğuztüzün S., HUSSEINI A. A., Sarıaltın S. Y., Yılmaz C., ÜNLÜ N., İzci Y.
Molecular Biology Reports, vol.51, no.1, 2024 (SCI-Expanded)
2. **Sonographic cortical bone thickness measurement: can it predict bone mineral density in the**

pediatric population?

Işın U. U., Çakmakçı E., Buluş A. D., Yaşartekin Y., Ünal Ö., DİRİCAN O., HUSSEINI A. A.

Diagnostic and interventional radiology (Ankara, Turkey), vol.30, no.3, pp.200-204, 2024 (SCI-Expanded)

3. Cases of Hypogonadotropic Hypogonadism: A Single-Center Experience

Buluş A., Yaşartekin Y., Ceylan A., DİRİCAN O., HUSSEINI A. A.

Nigerian Journal of Clinical Practice, vol.26, no.10, pp.1552-1556, 2023 (SCI-Expanded)

4. Glutathione s-transferase enzyme activity and protein expression in patients with recurrent tonsillitis and idiopathic tonsillar hypertrophy

AYDIN S., DEMİR M. G., Oguztuzun S., KILIÇ M., Yılmaz C., Dirican O.

Biomedical Papers, vol.163, no.4, pp.349-354, 2019 (SCI-Expanded)

Articles Published in Other Journals

1. The Administration of Steroids and its Impact on Caspase-3 Expression in Pediatric Adenoid Hypertrophy.

Apaydın E., Yaşar B., Şimşek G., Kaygın P., Sarıaltın S. Y., DİRİCAN O., Çetin H. E., HUSSEINI A. A., Oğuztüzün S.

Indian journal of otolaryngology and head and neck surgery : official publication of the Association of Otolaryngologists of India, vol.76, no.5, pp.4516-4522, 2024 (ESCI)

2. Development of an Ultra-Sensitive Magnetic-Based Biosensor; a Simulation Study

Yahya H., Husseini A. A., Dirican O., Attar H., Aldababsa M., Hafez M.

2023 2nd International Engineering Conference on Electrical, Energy, and Artificial Intelligence (EICEEAI), vol.1, no.1, pp.1-4, 2024 (Scopus)

3. Describing the Glutathione S-transferase Mu and Tumor Protein 53 Expression Profiles in Brain Tumor Tissue

Dirican O.

Journal of clinical practice and research, vol.46, no.3, pp.214-223, 2024 (ESCI)

4. Genetic Insights into Prepubertal Gynecomastia: A Comprehensive Analysis of a Rare 45,X[2]/ 46,X, + mar[28] Karyotype

BULUŞ A. D., DİRİCAN O., CEYLAN A. C., YAŞARTEKİN Y., HUSSEINI A. A.

Annals of Experimental and Molecular Biology, vol.6, 2024 (Peer-Reviewed Journal)

5. Modeling and Simulation of a High-Performance Magnetic Biosensor for Biomedical Sensing

Aa H., Dirican O.

Ergonomics International Journal (EOIJ), vol.8, no.1, pp.322-329, 2024 (Peer-Reviewed Journal)

6. Investigation of Glutathione S-Transferase-Alpha and Glutathione S-Transferase-Pi Expression Levels in *Spermophilus xanthoprymnus* and *Meriones tristrami* in Terms of Living Conditions and Natural Habitat Differences in Kırıkkale Province

Dirican O.

International Journal of Agricultural and Wildlife Sciences, vol.9, no.3, pp.448-459, 2023 (Peer-Reviewed Journal)

7. GSTM1, GSTP1, p53 as some probable predictors of prognosis in primary and metastatic epithelial ovarian cancer

Dirican O.

The European Research Journal, vol.9, no.3, pp.477-483, 2023 (Peer-Reviewed Journal)

8. Immunohistochemical approach to obesity disease in terms of expression levels of glutathione s-transferase (sigma, zeta, theta) isozymes

Dirican O.

The European Research Journal, vol.9, no.3, pp.543-554, 2023 (Peer-Reviewed Journal)

9. INVESTIGATION OF THE ROLE OF CYP1A1 AND CYPB1 EXPRESSIONS IN OBESITY SUSCEPTIBILITY

Dirican O.

Turkish Journal of Nature and Science, vol.11, no.3, pp.69-78, 2022 (Peer-Reviewed Journal)

10. GST-THETA1 ENZYME EXPRESSION LEVELS IN BRAIN TUMOR AND THEIR RELATIONSHIP WITH THE

CLINICAL DATA OF THE PATIENTS

Dirican O.

International Journal of Nature and Life Sciences, vol.5, no.2, pp.82-98, 2021 (Peer-Reviewed Journal)

11. ASSOCIATION BETWEEN TP53 GENE POLYMORPHISM AND OBESITY

Dirican O.

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.46, no.3, pp.279-288, 2021 (Scopus)

12. INVESTIGATION OF GSTM1 AND GSTT1 POLYMORPHISMS IN OBESITY PATIENTS UNDER BARIATRIC SURGERY

Dirican O.

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.46, no.2, pp.139-146, 2021 (Scopus)

13. The role of glutation-s-transferase mu1 and teta1 polymorphisms in chronic obstructive pulmonary disease Kronik obstrüktif akciğer hastalığında glutatyon-s-transferaz mu1 ve teta1 polimorfizmlerinin rol

Hayat B., Yavuz M. S., Sahin E., Dirican O., YILMAZ SARIALTIN S., Yılmaz C., Yildirim I., ÇOBAN T., Simsek G. G., Oğuztüzün S.

Ankara Üniversitesi Eczacılık Fakültesi Dergisi, vol.45, no.1, pp.41-56, 2021 (Scopus)

14. Vitis vinifera L. a commonly used plant in public health: effect of iba applications on rooting metabolism of vine wood cuttings obtained from different regions

Dirican O., Çakır Arıca Ş.

FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.42, no.2, pp.95-102, 2017 (Scopus)

Refereed Congress / Symposium Publications in Proceedings

1. Expressions of GSTO1, GSTP1, GSTM1, GSTS1 isoenzymes in NSCLC tissues

Dirican O.

3rd International Multidisciplinary Cancer Research Congress, İstanbul, Turkey, 7 - 10 September 2023, pp.83

2. DERİ KANSERİNDE GST İZOZİMLERİNİN EKSPRESYONLARININ ROLÜ

Dirican O.

9th INTERNATIONAL ERCIYES CONFERENCE ON SCIENTIFIC RESEARCH, Kayseri, Turkey, 17 - 18 July 2023, pp.52-63

3. Impact of GST-T1, GST-M1 and p53 Gene Polymorphisms on Brain Cancer Risk in Turkish Population

DİRİCAN O., KAYGIN P., OĞUZTÜZÜN S., YILMAZ SARIALTIN S., YILMAZ C., İZCİ Y.

2nd International Multidisciplinary Cancer Research Congress, 21 - 24 July 2022, pp.118-119

4. Yumurtalık Kanserinde Bcl-2, p38 ve Kaspaz-3 Ekspresyonlarının İncelenmesi

DURMAZ D., KAYGIN P., ERDEM A., ŞİMŞEK G., YILMAZ SARIALTIN S., DİRİCAN O., ATEŞ V., ÇOBAN T., OĞUZTÜZÜN S.

4th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2021), 24 - 26 November 2021, pp.1056-1063

5. Comparison Of GST-P And GST-M Expressions Between Benign, Malign, And Metastatic Ovarian Tumors

Barmaksız G., KILIÇ M., KAYGIN P., ERDEM A., ŞİMŞEK G., KAYA KOÇDOĞAN A., DİRİCAN O., YILMAZ SARIALTIN S., OĞUZTÜZÜN S.

8th Multidisciplinary Cancer Research Congress, 16 January 2021, pp.132

6. Comparison of GST-π and GST-μ Expressions between Benign, Malign, and Metastatic Ovarian Tumors

Barmaksız G., KILIÇ M., kaygın p., ERDEM A., ŞİMŞEK G., KAYA KOÇDOĞAN A., DİRİCAN O., OĞUZTÜZÜN S., YILMAZ SARIALTIN S.

8.multidisciplinary cancer research congress, İstanbul, Turkey, 15 January 2021

7. THE ROLE OF GLUTATION-S-TRANSFERASE MU1 AND TETA1 POLYMORPHISMS IN CHRONIC OBSTRUCTIVE PULMONARY DISEASE

HAYAT B., ŞAHİN M. E., DİRİCAN O., OĞUZTÜZÜN S., YILMAZ SARIALTIN S., ŞİMŞEK G.

GEVHER NESİBE 5. ULUSLARARASI SAĞLIK BİLİMLERİ KONGRESİ, 24 - 25 April 2020, pp.62-63

8. **hBD-1 ve hBD-3 Antimikrobiyal Peptidlerinin Ürotelyal Kanser Dokularındaki Ekspresyonları**
KAYGIN P., OĞUZTÜZÜN S., ŞİMŞEK G., YILMAZ SARIALTIN S., KAYA KOÇDOĞAN A., DİRİCAN O.
1st INTERNATIONAL MULTIDISCIPLINARY CANCER RESEARCH CONGRESS, 18 - 22 September 2019, pp.110
9. **Beyin Tümörü Dokularında CYP1A1, CYP1B1, GST-M, GST-P ve MDR Proteinlerinin Rolü**
DİRİCAN O., KAYGIN P., OĞUZTÜZÜN S., ŞİMŞEK G., İZCİ Y., KURAL C., ÇOBAN T., YILMAZ SARIALTIN S., KUL O., YILDIRIM I.
1st INTERNATIONAL MULTIDISCIPLINARY CANCER RESEARCH CONGRESS, 18 - 22 September 2019, pp.103-104
10. **hBD-1 ve hBD-3 Antimikrobiyal Peptidlerinin Ürotelyal Kanser Dokularındaki Ekspresyonları**
KAYGIN P., OĞUZTÜZÜN S., ŞİMŞEK G., ÖZKAN Ş., YILMAZ SARIALTIN S., KAYA KOÇDOĞAN A., DİRİCAN O., ÇETİN S., ATLI M.
1st International Multidisciplinary Cancer Research Congress, Diyarbakır, Turkey, 18 - 22 September 2019
11. **GLUTATHIONE-S-TRANSFERASE AND P53 EXPRESSIONS IN HUMAN MALIGNANT, BENIGN AND METASTASIS OVARIAN TUMOR TISSUES**
DİRİCAN O., KAYGIN P., OĞUZTÜZÜN S., ERDEM A., ŞİMŞEK G., YILMAZ SARIALTIN S., ÇOBAN T.
33rd European Immunogenetics and Histocompatibility Conference, Lisbon, Portugal, 8 - 11 May 2019, pp.335-336
12. **IMMUNOCYTOCHEMICAL EVALUATION OF GLUTATHIONE-S-TRANSFERASE P1 ENZYME IN PATIENTS WITH RHEUMATOID ARTHRITIS**
DİRİCAN O., KAYGIN P., OĞUZTÜZÜN S., ŞİMŞEK G., HAYAT B., YILMAZ SARIALTIN S., ÇOBAN T.
33rd European Immunogenetics and Histocompatibility Conference, Lisbon, Portugal, 8 - 11 May 2019, pp.336
13. **THE ROLE OF GSTM1 AND GSTT1 POLYMORPHISMS IN OBESE PATIENTS**
ÜNSAL A., BULUŞ H., DİRİCAN O., OĞUZTÜZÜN S., ADA A. O., KAYGIN P., İŞCAN M.
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018, pp.413
14. **MITOCHONDRIAL GST KAPPA1 ISOENZYME PROTEIN EXPRESSION IN BLADDER CANCER**
OĞUZTÜZÜN S., KAYGIN P., ŞİMŞEK G., KAYA KOÇDOĞAN A., KILIÇ M., BULUŞ H., ÇOBAN T., DİRİCAN O.
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018, pp.438-439
15. **Mitochondrial GST Kappa1 Isoenzyme Protein Expression in Bladder Cancer**
OĞUZTÜZÜN S., Kaygın P., ŞİMŞEK G., KAYA KOÇDOĞAN A., KILIÇ M., BULUŞ H., ÇOBAN T., dirican O.
12th International Symposium on Pharmaceutical Sciences (ISOPS), Ankara, Turkey, 26 June - 29 July 2018, pp.438-439
16. **EXPRESSION OF GST AND P53 IN HUMAN OVER TUMOR AND NON-TUMOR TISSUES**
kaygın p., ERDEM A., ŞİMŞEK G., OĞUZTÜZÜN S., ÇOBAN T., BARMAKSIZ G., HAYAT B., KAYA KOÇDOĞAN A., KILIÇ M., DİRİCAN O.
12 th international symposium on pharmaceutical sciences, Ankara, Turkey, 26 - 29 June 2018, pp.0-438
17. **Obezite hastalarında p53 gen polimorfizminin rolü**
Cihan M., BULUŞ H., OĞUZTÜZÜN S., DİRİCAN O.
21. Ulusal Cerrahi Kongresi, 11 - 15 April 2018, vol.21, pp.15-16
18. **EXPRESSIONS OF GSTS1, GSTZ1 IN HUMAN COLON TUMOR TISSUES**
ADA A. O., KAYA KOÇDOĞAN A., OĞUZTÜZÜN S., ŞİMŞEK G., KILIÇ M., ırmak y., kaygın p., DİRİCAN O., BULUŞ H., İŞCAN M.
2. INTERNATIONAL GAZI PHARMA SYMPOSIUM, Ankara, Turkey, 11 - 13 October 2017, pp.186

Courses

ÖZEL HİSTOKİMYA TEKNİKLERİ, Associate Degree, 2023 - 2024

GENEL HİSTOTEKNOLOJİ, Associate Degree, 2022 - 2023

MOLEKÜLER PATOLOJİ TEKNİKLERİ, Associate Degree, 2022 - 2023

PATOLOJİ, Associate Degree, 2022 - 2023

PATOLOJİ, Associate Degree, 2023 - 2024

HİSTOLOJİ, Associate Degree, 2023 - 2024

Memberships / Tasks in Scientific Organizations

Moleküler Kanser Araştırma Derneği (MOKAD), Member, 2009 - Continues, Turkey

The European Association for Cancer Research (EACR), Member, 2009 - Continues, Turkey

Research Areas

Oncology, Medical Genetics, Neuropathology, Molecular Biology of Cancer, Cytogenetic