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ASST. PROF.

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International Researcher IDs

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Academic Titles / Tasks

Assistant Professor

Istanbul Gelisim University, VOCATIONAL SCHOOL OF HEALTH SERVICES,

2023 - Continues

PATHOLOGY LABORATORY TECHNIQUES

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?**
Dirican O., Husseini A. A.
Diagnostic and interventional radiology (Ankara, Turkey), no.8, 2023 (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. **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)

2. **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)
3. **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)
4. **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)
5. **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)
6. **ASSOCIATION BETWEEN TP53 GENE POLYMORPHISM AND OBESITY**
Dirican O.
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.46, no.3, pp.279-288, 2021 (Scopus)
7. **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)
8. **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)
9. **The role of glutation-s-transferase mu1 and teta1 polymorphisms in chronic obstructive pulmonary disease Kronik obstrüktif akciger hastaliginda glutatyon-s-transferaz mu1 ve teta1 polimorfizmlerinin rol**
Hayat B., Yavuz M. S., Sahin E., Dirican O., YILMAZ SARIALTIN S., Yilmaz C., Yildirim I., ÇOBAN T., Simsek G. G., Oguztün S.
Ankara Universitesi Eczacilik Fakultesi Dergisi, vol.45, no.1, pp.41-56, 2021 (Scopus)
10. **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 Arica \$.
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., OĞUZTÜRK ÜN 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., OĞUZTÜRKÜN 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., OĞUZTÜRKÜN 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., OĞUZTÜRKÜN 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., OĞUZTÜRKÜN 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 Antimikrobial Peptidlerinin Ürotelyal Kanser Dokularındaki Ekspresyonları**
KAYGIN P., OĞUZTÜRKÜN 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**
DIRİCAN O., KAYGIN P., OĞUZTÜRKÜN 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 Antimikrobial Peptidlerinin Ürotelyal Kanser Dokularındaki Ekspresyonları**
KAYGIN P., OĞUZTÜRKÜN 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. **IMMUNOCYTOCHEMICAL EVALUATION OF GLUTATHIONE-S-TRANSFERASE P1 ENZYME IN PATIENTS WITH RHEUMATOID ARTHRITIS**
DIRİCAN O., KAYGIN P., OĞUZTÜRKÜN S., ŞİMŞEK G., HAYAT B., YILMAZ SARIALTIN S., ÇOBAN T.
33rd European Immunogenetics and Histocompatibility Conference, Lisbon, Portugal, 8 - 11 May 2019, pp.336
12. **GLUTATHIONE-S-TRANSFERASE AND P53 EXPRESSIONS IN HUMAN MALIGNANT, BENIGN AND METASTASIS OVARIAN TUMOR TISSUES**
DIRİCAN O., KAYGIN P., OĞUZTÜRKÜN 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
13. **MITOCHONDRIAL GST KAPPA1 ISOENZYME PROTEIN EXPRESSION IN BLADDER CANCER**
OĞUZTÜRKÜN 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
14. **THE ROLE OF GSTM1 AND GSTT1 POLYMORPHISMS IN OBESE PATIENTS**
ÜNSAL A., BULUŞ H., DİRİCAN O., OĞUZTÜRKÜN S., ADA A. O., KAYGIN P., İŞCAN M.
12th International Symposium on Pharmaceutical Sciences, 26 - 29 June 2018, pp.413
15. **Mitochondrial GST Kappa1Isoenzyme Protein Expression in Bladder Cancer**
OĞUZTÜRKÜN S., Kaygin 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., OĞUZTÜRKÜN 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., OĞUZTÜRKÜN 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., OĞUZTÜRKÜN S., ŞİMŞEK G., KILIÇ M., İrmak 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

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

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

Research Areas

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