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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAS-4068-2020

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Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, "Investigator Site Personnel ICH GCP Training Certificate" Good Clinical Practice, TransCelerate, Biopharma, 2022

Health&Medicine, Kanser Araştırma Yöntemleri Kursu, Temel Onkoloji Derneği, 2019

Health&Medicine, Kanser Biyoenformatiğinde Yapay Zeka, Moleküler Kanser Araştırma Derneği, 2019

Health&Medicine, Hücre Ölümü ve Sitotoksiste Çalıştayı, Moleküler Kanser Araştırma Derneği, 2018

Health&Medicine, Yeni Nesil Dizi Analizi ve Onkolojide Kullanım Alanları, Temel Onkoloji Derneği, 2018

Research Areas

Oncology

Academic Titles / Tasks

Lecturer, Istanbul University, Onkoloji Enstitüsü, Temel Onkoloji Ana Bilim Dalı, 2020 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of the potential of miRNA candidates as non-invasive biomarkers for the diagnosis and follow-up of colorectal cancer**
Karabulut S., Şen S., Oğuz Soyduñ H., Doğan I., Taştekin D., Karabulut M., Duman M., Turan M.
Pathology - Research and Practice, vol.254, pp.1-7, 2024 (SCI-Expanded)
- II. **DNA methylation of KIFC1 gene in determination of histological diagnosis, prognosis and metastasis of lung cancer.**
ÇELİK B., PASİN Ö., Sen S., TUNÇER Ş. B., Kayım Z., KILIÇ ERCİYAS S., Erdogan O. S., Gultaslar B. K., Ghafour A. A., Yazıcı H., et al.

Pathology, research and practice, vol.249, pp.154742, 2023 (SCI-Expanded)

- III. **The let-7 microRNA binding site variant in KRAS as a predictive biomarker for head and neck cancer patients with lymph node metastasis**
Ulusan M., Şen S., Yilmazer R., Dalay N., Demokan S.
Pathology Research and Practice, vol.239, 2022 (SCI-Expanded)
- IV. **Evaluation of genetic and epigenetic changes of Tumor Necrosis Factor-Alpha gene in larynx cancer.**
S C., S S., O E., C D., M U., S D.
Pathology, research and practice, vol.238, pp.154085, 2022 (SCI-Expanded)
- V. **Expression/Methylation Analysis of Thioredoxin Interacting Protein (TXNIP) Gene in Oral Squamous Cell Carcinoma**
Ozturk I. E., Sen S., Ulsan M., Demokan S.
ORAL ONCOLOGY, vol.118, 2021 (SCI-Expanded)
- VI. **Identification of TIMP3 Gene as an Epigenetic Biomarker Candidate in Laryngeal Carcinogenesis**
Demokan S., Şen S., Ulsan M., Dalay N.
ORAL ONCOLOGY, vol.118, pp.6, 2021 (SCI-Expanded)
- VII. **A candidate gene obtained from methylation/expression arrays showed methylation-independent expression loss in oral carcinoma**
Demokan S., Eryılmaz Ö., Cömert S., Şen S., Ulsan M.
Turkish Journal of Biology, vol.5, no.43, pp.56, 2019 (SCI-Expanded)
- VIII. **Methylation and expression levels of GABRB2 gene in oral squamous cell carcinoma**
Şen S., Doruk C., Ulsan M., Demokan S.
TURKISH JOURNAL OF BIOLOGY, vol.43, no.5, pp.115, 2019 (SCI-Expanded)
- IX. **The clinical significance of the increased expression levels of BID gene in Larynx Cancer**
Demokan S., Şen S., Eryılmaz Ö., Doruk C., Esentürk G., Ulsan M.
TURKISH JOURNAL OF BIOLOGY, vol.5, no.43, pp.53, 2019 (SCI-Expanded)
- X. **Identification of New Epigenetic Biomarkers in Oral Premalignant Lesions by Gene Expression Profiling**
Demokan S., Cömert S., Eryılmaz Ö., Şen S., Ulsan M., Ak G., Alatlı F. C., Dalay M. N.
International Journal of Molecular Medicine, vol.1, no.40, pp.40, 2017 (SCI-Expanded)
- XI. **Expression levels of Myelin Transcription Factor 1 gene in larynx cancer patients**
Demokan S., Cömert S., Şen S., Eryılmaz Ö., Süoğlu Y. H., Ulsan M., Ak G., Dalay M. N.
TURKISH JOURNAL OF BIOCHEMISTRY, vol.2, no.42, pp.76, 2017 (SCI-Expanded)

Articles Published in Other Journals

- I. **Novel Epigenetic Biomarker Determination for OSCC by Array-Based Epigenomic and Transcriptomic Techniques**
DEMOKAN S., ŞEN S., eryilmaz o., comert s., ULUSAN M., dalay n.
Sabiad , vol.5, no.1, pp.25, 2022 (Peer-Reviewed Journal)
- II. **Discovery of Novel Epigenetic Biomarkers in Oral Malignant Lesions by Epigenomics and Transcriptomics Approaches**
DEMOKAN S., ŞEN S., özemek b., comert s., eryilmaz o., ULUSAN M., ENVER N., SEZERMAN O. U., AK G., ALATLI F. C., et al.
Sabiad , vol.5, no.1, pp.20, 2022 (Peer-Reviewed Journal)
- III. **Detection of Immune-Response-Associated Pathways Involved in Oral Pre-Malignant Lesions and Hyper/ Hypomethylated Immune Genes Involved in these Pathways by Methylation Array Technology**
Şen S., Özemek B., Ak G., Alatlı F. C., Sezerman O. U., Demokan S.
Eurasian Journal of Medicine and Oncology, vol.1, pp.14-15, 2018 (ESCI)
- IV. **The Relationship Between Polymorphic Changes Observed in Tumor Necrosis Factor-Alpha Gen's**

Promoter Methylation Status and Promoter Region with Laryngeal Cancer

Cömert S., Şen S., Doruk C., Ulsan M., Demokan S.

Eurasian Journal of Medicine and Oncology, vol.2, no.1, pp.30-31, 2018 (ESCI)

V. Investigation of Genes Involved In The Formation of The Oral Premalignant Lesions by Expression Array Method

Demokan S., Cömert S., Eryılmaz Ö., Şen S., Ulsan M., Ak G., Alath F. C., Dalay M. N.

turkish journal of molecular biology and biotechnology, vol.1, no.2, pp.55, 2017 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **SETD2 Gen Ekspresyon Değişikliklerinin Parotis Tümörlü Hastalarda İnvaziv/Non-İnvaziv Biyobelirteç Potansiyelinin İncelenmesi**
ASLAN S., ŞEN S., ULUSAN M., DEMOKAN S.
43. Türk Ulusal Kulak Burun Boğaz ve Baş Boyun Cerrahisi Kongresi, Antalya, Turkey, 16 November 2022
- II. **Identification of TIMP3 Gene as an Epigenetic Biomarker Candidate in Laryngeal Carcinogenesis**
Demokan S., Şen S., Ulsan M., Dalay N.
European Congress on Head and Neck Oncology (ECHNO) and the International Congress on Innovative Approaches in Head and Neck Oncology (ICHNO), Online Virtual, İstanbul, Turkey, 30 June - 03 July 2021, vol.118, pp.6
- III. **Identification of TIMP3 Gene as an Epigenetic Biomarker Candidate in Laryngeal Carcinogenesis**
Demokan S., Şen S., Ulsan M., Dalay N.
European Congress on Head and Neck Oncology (ECHNO) and the International Congress on Innovative Approaches in Head and Neck Oncology (ICHNO), İstanbul, Turkey, 30 June - 03 July 2021, vol.118, pp.6
- IV. **Investigation of Expression and Methylation Levels of Thioredoxin Interacting Protein (TXNIP) Gene in Oral Squamous Cell Carcinoma**
Demokan S., Şen S., Ulsan M., Öztürk İ. E.
European Congress on Head and Neck Oncology (ECHNO) and the International Congress on Innovative Approaches in Head and Neck Oncology (ICHNO), İstanbul, Turkey, 30 June - 03 July 2021, vol.118, pp.2-3
- V. **CDC25C geninin farklılaşan ekspresyon seviyelerinin larenks karsinogenezindeki rolü**
Demokan S., Şen S., Ulsan M., Dalay N.
8. Onkolojide Arayışlar Sempozyumu, İzmir, Turkey, 13 - 15 December 2019, pp.49
- VI. **TXNIP gen ekspresyon düzeylerinin oral skuamöz hücreli karsinomdaki rolü ve klinik önemi**
Öztürk İ. E., Şen S., Ulsan M., Demokan S.
41. Türk Ulusal Kulak Burun Boğaz ve Baş boyun Cerrahisi Kongresi, Antalya, Turkey, 13 - 17 November 2019, pp.190
- VII. **Tumor Necrosis Factor-Alpha geninin promoter metilasyon statüsü ile promoter bölgesinde gözlenen polimorfik değişikliklerin larenks kanseri ile ilişkisi**
Cömert S., Şen S., Doruk C., Ulsan M., Demokan S.
2. Ulusal İmmünoterapi ve Onkoloji Kongresi, Antalya, Turkey, 31 October 2019 - 04 November 2020, pp.43
- VIII. **Oral premalin lezyonlarda rol oynayan immün-yanıt ilişkili yolaklar ve bu yollarda rol alan hiper/hipometile immün genlerin metilasyon array teknolojisi ile tespiti**
Şen S., Özemek B., Ak G., Alath C., Sezerman O. U., Demokan S.
2. Ulusal İmmünoterapi ve Onkoloji Kongresi, Antalya, Turkey, 31 October - 04 November 2019, pp.20
- IX. **Larenks kanserinde Proliferating Cell Nuclear Antigen geninin ekspresyon artışının klinik önemi**
Demokan S., Şen S., Doruk C., Ulsan M., Dalay N.
16. Tıbbi Biyoloji ve Genetik Kongresi (Uluslararası Katılımlı), Muğla, Turkey, 27 - 30 October 2019, pp.248
- X. **Larenks Kanserinde Ataxia Telangiectasia Mutated Geninin Metilasyon-Bağımsız Ekspresyon Profili**
Demokan S., Şen S., Eryılmaz O., Cömert S., Ulsan M., Dalay N.
2. Temel Onkoloji Sempozyumu, Ankara, Turkey, 16 - 18 October 2019, pp.37
- XI. **Metilasyon/Ekspresyon Array Yöntemleri İle Integratif Biyoinformatik Analiz Sonrası Oral Skuamöz**

Hücreli Karsinomlu Hastalarda Likid Biyopsi Adayı Yeni Epigenetik Biyobelirteç Tayini

Demokan S., Şen S., Doruk C., Ulsan M., Dalay N.

2. Temel Onkoloji Sempozyumu, Ankara, Turkey, 16 - 18 October 2019, pp.27

- XII. **Methylation and expression levels of GABRB2 gene in oral squamous cell carcinoma**
Şen S., Doruk C., Ulsan M., Demokan S.
MolBiyoKon'19, İstanbul, Turkey, 27 - 29 September 2019, vol.5, no.43, pp.61
- XIII. **The clinical significance of the increased expression levels of BID gene in Larynx cancer**
Demokan S., Şen S., Eryılmaz Ö., Doruk C., Esentürk G., Ulsan M.
MolBiyoKon'19, İstanbul, Turkey, 27 - 29 September 2019, vol.5, no.43, pp.196
- XIV. **Determination of new candidate genes by methylation array method among sub-groups of oral premalignant lesions.**
DEMOKAN S., Özemek B., ŞEN S., AK G., Sezerman U., ALATLI C., Dalay N.
7th International Congress of Molecular Medicine, İstanbul, Turkey, 5 - 07 September 2019, pp.22-23
- XV. **Larenks kanserinde SETD2 geninin ekspresyon düzeyleri ve klinik önemi**
Eren A. T., Gürbüz O., Şen S., Karataş M., Ulsan M., Demokan S.
23. Ulusal Kanser Kongresi, Antalya, Turkey, 17 - 21 April 2019, pp.23
- XVI. **WEE1 gen ekspresyon düzeylerinin larenks karsinogenezindeki rolünün incelenmesi**
Şen S., Ulsan M., Demokan S.
23. Ulusal Kanser Kongresi, Antalya, Turkey, 17 - 21 April 2019, pp.517-518
- XVII. **Apoptozom kompleks elemanı APAF1 geninin larenks karserinde farklılaşan ekspresyon seviyelerinin incelenmesi**
Demokan S., Cömert S., Şen S., Enver N., Ulsan M.
5. Multidisipliner Baş Boyun Kanserleri Kongresi, Antalya, Turkey, 7 - 10 March 2019, pp.42
- XVIII. **Investigation of the differentially expressed levels of Murine Double Minute 2 (MDM2) gene in laryngeal cancer and clinical signifance**
Karataş M., Şen S., Enver N., Ulsan M., Demokan S.
7. Multidisipliner Kanser Araştırma ve 1. Temel Onkoloji Kongresi, İzmir, Turkey, 11 - 14 October 2018, pp.70
- XIX. **"Investigation of expression alterations of Zinc Finger Protein 238 (ZNF238) gene in oral squamous cell carcinoma**
Eryılmaz Ö., Şen S., Doruk C., Ulsan M., Demokan S.
International Congress on Oncological Sciences, Antalya, Turkey, 20 - 23 September 2018, pp.104
- XX. **Larenks kanserli hastalarda CYCLIN D1 (CCND1) geninin ekspresyon seviyesinin incelenmesi**
Cömert S., Şen S., Eryılmaz Ö., Süoğlu Y. H., Ulsan M., Enver N., Ak G., Dalay N., Demokan S.
1st Basic Oncology Symposium: Tumor Biology and Genetics, İzmir, Turkey, 9 - 11 May 2018, pp.67
- XXI. **Examination of PromoterMethylation of ZNF238 Gene In Oral Squamous Cell Carcinoma**
Eryılmaz Ö., Şen S., Doruk C., Ulsan M., Demokan S.
European Congress On Head And Neck Oncology ECHNO 2018, Rome, Italy, 11 - 14 April 2018, pp.32
- XXII. **Investigation of B-Cell CLL/Lymphoma 2 (BCL2) and BCL2 Associated X (BAX) Gene Expression Status In Laryngeal Squamous Cell Carcinoma**
Demokan S., Şen S., Eryılmaz Ö., Cömert S., Süoğlu Y. H., Ulsan M., Ak G., Dalay N.
8th European Congress On Head And Neck Oncology ECHNO 2018, Rome, Italy, 11 - 14 April 2018, pp.29
- XXIII. **Methylation Status Of The Tumor Necrosis Factor Alpha (TNFA) Gene In Squamous Cell Larynx Cancer.**
Cömert S., Eryılmaz Ö., Şen S., Ulsan M., Doruk C., Demokan S.
2nd International Gazi Pharma Symposium Series (GPSS-2017), Ankara, Turkey, 11 - 13 October 2017, pp.354
- XXIV. **Decreased Expression Levels of Ataxia Telangiectasia Mutated (ATM) Gene In Squamous Cell Larynx Cancer**
Demokan S., Şen S., Eryılmaz Ö., Cömert S., Süoğlu Y. H., Ulsan M., Ak G., Dalay N.
2nd International Gazi Pharma Symposium Series (GPSS-2017), Ankara, Turkey, 11 - 13 October 2017, pp.348
- XXV. **Expression Levels Of E2F Transcription Factor 1 (E2F1) Gene In Larynx Cancer**
Demokan S., Eryılmaz Ö., Şen S., Cömert S., Süoğlu Y. H., Ulsan M., Ak G., Dalay N.

International Congress on Oncological Sciences, Antalya, Turkey, 27 September - 01 October 2017, pp.71

XXVI. Investigation Of Cyclin E1 (CCNE1) Gene Expression Status In Laryngeal Squamous Cell Carcinoma

Demokan S., Şen S., Eryılmaz Ö., Cömert S., Süoğlu Y. H., Ulsan M., Ak G., Dalay N.

International Congress on Oncological Sciences, Antalya, Turkey, 27 September - 01 October 2017, pp.8

XXVII. Larenks Kanseri Hastalarda Retinoblastoma 1 ve Cyclin Dependent Kinase Inhibitor 1B Genlerinin Ekspresyon Düzeylerinin Araştırılması

Demokan S., Şen S., Cömert S., Eryılmaz Ö., Enver N., Ulsan M., Dalay N.

22. Ulusal Kanseri Kongresi, Antalya, Turkey, 19 - 23 April 2017, pp.399

XXVIII. Larenks Kanseri Hastalarda Murine Double Minute 2 Geninin Ekspresyon Seviyesinin İncelenmesi

Demokan S., Cömert S., Şen S., Eryılmaz Ö., Enver N., Ulsan M., Dalay N.

22. Ulusal Kanseri Kongresi, Antalya, Turkey, 19 - 23 April 2017, pp.398

Supported Projects

ULUSAN M., ASLAN S., ŞEN S., Project Supported by Higher Education Institutions, Baş Boyun Kanseri Hastalarının Anatomi Alt Gruplarında SET-Domain İçeren 2 Geninin Ekspresyon Düzeylerinin İncelenmesi ve Klinikopatolojik Parametreler ile Değerlendirilmesi, 2022 - Continues

Demokan S., Şen S., Project Supported by Higher Education Institutions, Oral skuamöz hücreli karsinomda GABRB2 geninin metilasyon ve ekspresyon seviyelerinin incelenmesi, 2017 - 2019

Scientific Refereeing

MEDICAL SCIENCE MONITOR, National Scientific Refreed Journal, September 2023

Discover Oncology, National Scientific Refreed Journal, May 2023

Metrics

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Awards

Demokan S., Şen S., Eryılmaz Ö., Cömert S., Ulsan M., Dalay N., Best Second Oral Presentation Award , 1St International Basic Oncology Congress, June 2022

Demokan S., Şen S., Doruk C., Ulsan M., Dalay N., Prof. Dr. Emin Kansu En İyi Sözel Sunum Ödülü, 2. Temel Onkoloji Sempozyumu, October 2019

Demokan S., Şen S., Doruk C., Ulsan M., Dalay N., Metilasyon/Ekspresyon Array Yöntemleri İle İntegratif Biyoinformatik Analiz Sonrası Oral Skuamöz Hücreli Karsinomlu Hastalarda Likid Biyopsi Adayı Yeni Epigenetik Biyobelirteç Tayini, 2. Temel Onkoloji Sempozyumu, October 2019

Demokan S., Özemek B., Şen S., Ak G., Sezer U., Alatlı C., Dalay N., Determination of new candidate genes by methylation array method among sub-groups of oral premalignant lesions, 7Th International Congress Of Molecular Medicine, September 2019

Demokan S., Özemek B., Şen S., Ak G., Sezer U., Alatlı F. C., Dalay M. N., Poster Üçüncülük Ödülü, 7Th International Congress Of Molecular Medicine, September 2019

Demokan S., Şen S., Eryılmaz Ö., Cömert S., Ulsan M., Enver N., Ak G., Alatlı C., Dalay N., TEMEL ONKOLOJİ ARAŞTIRMA

