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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAC-5943-2020

ScopusID: 8581310800

Yoksis Researcher ID: 19950

Education Information

Associate Degree, Anadolu University, Açıköğretim Fakültesi, Computer Programming, Turkey 2023 - Continues

Undergraduate, Istanbul University, Open And Distance Education Faculty, SOCIOLOGY, Turkey 2021 - Continues

Post Doctorate, Johns Hopkins University, School of Medicine , Department of Otolaryngology-Head and Neck Surgery, Head and Neck Cancer Research Division, United States Of America 2007 - 2009

Doctorate, Istanbul University, Health Sciences Institute, Temel Onkoloji Abd / Onkolojik Biyoloji Ve İmmünoloji Bd, Turkey 2000 - 2004

Postgraduate, Istanbul University, Health Sciences Institute, Temel Onkoloji Abd / Onkolojik Biyoloji Ve İmmünoloji Bd, Turkey 1995 - 1999

Undergraduate, Bogazici University, Faculty Of Arts And Sciences, Moleküler Biyoloji Ve Genetik, Turkey 1989 - 1995

Foreign Languages

English, C1 Advanced

German, B1 Intermediate

Certificates, Courses and Trainings

Vocational Training, Temel İyi Klinik Uygulamalar Eğitimi, Bezmîâlem Vakf Üniversitesi, 2023

Vocational Training, EĞİTİCİNİN EĞİTİMİ SERTİ, İSTANBUL İLETİLİM ENSTİTÜSÜ, 2023

Vocational Course, ORPHEUS SÜRECİ VE DANIŞMANLIK EĞİTİMİ III, İSTANBUL UNIVERSITY, 2022

Vocational Course, ORPHEUS Sertifika Programı, İSTANBUL ÜNİVERSİTESİ, Sağlık Bilimleri Enstitüsü, 2021

Vocational Training, Bioinformatics in Cancer, European Association for Cancer Research (EACR), 2021

Vocational Training, Biyoistatistik Kursu , İSTANBUL ÜNİVERSİTESİ, 2021

Vocational Training, Kanser Araştırma Yöntemleri Kursu, Temel Onkoloji Derneği, 2019

Personal Evolution, Yaşam Koçluğu Sertifikası, Bilginet Akademi, 2019

Vocational Training, Moleküler Onkoloji Kursu: Onkolojide Temel Moleküler Mekanizmalar, 23. Ulusal Kanser Kongresi, 2019

Vocational Course, Kanser Biyoinformatiğinde Yapay Zeka, İSTİNYE ÜNİVERSİTESİ, 2019
Vocational Training, Yeni Nesil Dizi Analizi ve Onkolojide Kullanım Alanları, TEMEL ONKOLOJİ DERNEĞİ, 2018
Health&Medicine, HASTANE VE SAĞLIK KURULUŞLARI YÖNETİMİ SERTİFİKA PROGRAMI (3. GRUP), İSTANBUL ÜNİVERSİTESİ / İŞLETME FAKÜLTESİ, 2012
Health&Medicine, BİLİMSEL ÇALIŞMALARDA İSTATİSTİĞİN ROLÜ: Bilinmesi Gereken Yöntemler ve Uygulama Alanları,, TÜRK BİYOKİMYA DERNEĞİ İSTANBUL ŞUBESİ, 2012
Health&Medicine, 15. GRANT WRITING WORKSHOP, 103. AACR ANNUAL MEETING, Chicago, Illinois, USA, 2012
Health&Medicine, Course on Research Ethics (CORE) (Araştırma Etiği Kursu), Johns Hopkins University, School of Medicine, 2009
Health&Medicine, Research Compliance Training Courses: Human Subjects Research, Johns Hopkins University, School of Medicine, 2009
Health&Medicine, Research Compliance Training Courses: Course on Research Ethics, Johns Hopkins University, School of Medicine, 2008
Health&Medicine, Research Compliance Training Courses : Conflict of Interest and Commitment, Johns Hopkins University, School of Medicine, 2008
Health&Medicine, HIPAA Compliance Training Courses: Privacy Issues Relating to Research, Johns Hopkins University, School of Medicine, 2008
Health&Medicine, HIPAA Compliance Training Courses: General Privacy Issues, Johns Hopkins University, School of Medicine, 2007
Health&Medicine, Digital Imaging Course in the Life Sciences, 31. FEBS Kongresi, İstanbul, 2006
Health&Medicine, CEQ8000 Genetik Analiz Sistemi Kullanıcı Eğitim Programı, İstanbul Üniversitesi, Onkoloji Enstitüsü, İstanbul, 2005
Health&Medicine, Temel Onkoloji Kursu, 16. Ulusal Kanser Kongresi, Antalya, 2005
Health&Medicine, Kök Hücre Kursu, 1. Ulusal Moleküler Tıp Kongresi, İstanbul, 2005
Health&Medicine, Proteomik Kursu, 1. Ulusal Moleküler Tıp Kongresi, İstanbul, 2005
Health&Medicine, 8. Kanser Genetiği Kursu”, European School of Genetic Medicine (EGF), Bertinoro-Forli, İtalya, 2003
IT, Web Tasarımı Eğitimi Sertifika Programı, İstanbul Üniversitesi, Araştırma ve Yardım Vakfı, İstanbul, 2003
Health&Medicine, 1. Teorik ve Uygulamalı Temel İmmünoloji Kursu, Uludağ-Bursa, 1997
Vocational Course, 17. Dönem Öğretmenlik Formasyonu Kursu, İstanbul Üniversitesi, Edebiyat Fakültesi, İstanbul, 1996

Dissertations

Doctorate, BAŞ-BOYUN KANSERLİ HASTALARDA GENETİK POLİMORFİZMLERİN İNCELENMESİ, Istanbul University, Health Sciences Institute, Temel Onkoloji Abd / Onkolojik Biyoloji Ve İmmünoloji Bd, 2004
Postgraduate, MEME VE KOLON KANSERLİ HASTALARDA DNA ANALİZİ YÖNTEMİ İLE SOMATİK DNA DEĞİŞİMLERİNİN İNCELENMESİ, Istanbul University, Health Sciences Institute, Temel Onkoloji Abd / Onkolojik Biyoloji Ve İmmünoloji Bd, 1999

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Medical Biology, Life Sciences, Molecular Biology and Genetics, Genetic Disorders, Genetic Engineering, Genomics, Molecular Biology of Cancer, Natural Sciences

Academic Titles / Tasks

Professor, Istanbul University, Onkoloji Enstitüsü, Temel Onkoloji Ana Bilim Dalı, 2017 - Continues
Associate Professor, Istanbul University, Onkoloji Enstitüsü, Temel Onkoloji Ana Bilim Dalı, 2011 - 2017
Expert, Istanbul University, Onkoloji Enstitüsü, Temel Onkoloji Ana Bilim Dalı, 1996 - 2011

Academic and Administrative Experience

Director of the Center, Istanbul University, Onkoloji Enstitüsü, Teşhis Tedavi Ve Bakım Hizmetleri, 2023 - Continues
İstanbul Üniversitesi, Onkoloji Enstitüsü, Deneysel Ve Moleküler Onkoloji Bilim Dalı, 2013 - Continues
Assistant Director of the Institute, Istanbul University, Onkoloji Enstitüsü, Temel Onkoloji Ana Bilim Dalı, 2021 - 2021

Courses

SEMİNER, Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021
İLERİ MOLEKÜLER HÜCRE BİYOLOJİSİ, Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021
HÜCRE BÖLÜMLERİ VE ORGANEL SİNYAL İLETİMİNİN DÜZENLENMESİ, Doctorate, 2022 - 2023, 2021 - 2022, 2020 - 2021
KANSER METABOLİZMASI, Doctorate, 2022 - 2023, 2021 - 2022
SİNYAL İLETİMİNDE TRANSMEMBRAN RESEPTÖRLERİN İŞLEVLERİ, Doctorate, 2022 - 2023, 2021 - 2022
İLERİ MOLEKÜLER TEKNOLOJİLER VE KLİNİĞE YANSIMALARI, Doctorate, 2022 - 2023, 2021 - 2022
MECHANISMS OF CELL SIGNAL TRANSMISSION, Doctorate, 2020 - 2021
INTRODUCTION TO THE BIOLOGY OF CANCER, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
SEMİNER, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
MEMBRANE BIOLOGY, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2013 - 2014, 2012 - 2013
INTRODUCTION TO MOLECULAR ONCOLOGY, Postgraduate, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2011 - 2012
TUMOR CELL BIOLOGY, Doctorate, 2020 - 2021
EXPERIMENTAL SYSTEMS AND BASIC METHODS, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014
SIGNAL TRANSMISSION MECHANISMS IN CANCER, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2013 - 2014, 2012 - 2013
MOLECULAR BIOLOGICAL DEVELOPMENTS IN VARIOUS CANCER TYPES AND ITS REFLECTIONS ON CLINICS, Doctorate, 2020 - 2021
METASTAZ BİYOLOJİSİ, Doctorate, 2012 - 2013

Advising Theses

Demokan S., Mitokondriyal Elektron Transportunda Görev Alan NDUF3 Geninin Oral Premalin Lezyonlarda Epigenetik Biyobelirteç Potansiyelinin Araştırılması, Postgraduate, İ.MELİS(Student), Continues
Demokan S., Mitokondriyal Biyogenez ilişkili ESRRA Geninin Oral Malin Tümörlerde ve Premalin Lezyonlarda Metilasyon ve Ekspresyon Seviyelerinin İncelenmesi, Postgraduate, H.ENES(Student), Continues
Demokan S., İntraselüler Motor Proteinini Kodlayan Kinesin Family Member 26B Geninin Oral Malin ve Premalin Lezyonlarda Epigenetik Biyobelirteç Potansiyelinin İncelenmesi, Postgraduate, F.KARAYEĞİT(Student), 2022
Demokan S., RNF152 Geninin Oral Kavite Malin Tümörlü ve Premalin Lezyonlu Hastalarda Epigenetik Biyomarker Potansiyelinin İncelenmesi, Postgraduate, M.GJONA(Student), 2021
Demokan S., Oral Kavitenin Malin ve Premalin Lezyonlarında Tubulin Folding Cofactor D (TBCD) Geninin Genetik ve Epigenetik Profilinin İncelenmesi, Postgraduate, B.BÜRKE(Student), 2021
Demokan S., Oral Kavitenin Malin ve Premalin Lezyonlarında GPRC5C Geninin Genetik ve Epigenetik Profilinin İncelenmesi, Postgraduate, K.GİZEM(Student), 2021
Ulusan M., Demokan S., Oral skuamöz hücreli karsinomda TXNIP geninin metilasyon ve ekspresyon seviyelerinin incelenmesi, Expertise In Medicine, İ.ERDİNÇ(Student), 2019
Demokan S., Oral skuamöz hücreli karsinomda GYPC geninin metilasyon ve ekspresyon seviyelerinin incelenmesi,

Postgraduate, M.KARATAŞ(Student), 2019

Ak G., Demokan S., Oral kavitenin malin ve premalin lezyonlarında PAX1 geninin metilasyon ve ekspresyonunun araştırılması, Doctorate, A.ÖZTAN(Student), 2019

Demokan S., Larenks kanserli hastalarda SETD2 Gen İfadesinin Araştırılması, Postgraduate, A.TAYFUR(Student), 2018

Demokan S., Akaydın S., Tip60 ve etkilediği DNA onarım genlerinin metilasyon ve ekspresyon seviyeleri ile meme kanserinin moleküler alt grupları arasındaki ilişkilerin incelenmesi, Doctorate, E.SALİHOĞLU(Student), 2018

Demokan S., Oral skuamöz hücreli karsinomda ZNF238 geninin metilasyon ve ekspresyon seviyelerinin incelenmesi, Postgraduate, Ö.ERYILMAZ(Student), 2017

Demokan S., Oral skuamöz hücreli karsinomda GABRB2 geninin metilasyon ve ekspresyon seviyelerinin incelenmesi, Postgraduate, S.ŞEN(Student), 2017

Demokan S., Larenks Kanserli Hastalarda TNFA Geninin Promoter Bölgesindeki Polimorfik Değişiklikler ile Metilasyon ve Ekspresyon Durumlarının İncelenmesi, Postgraduate, S.CÖMERT(Student), 2017

Demokan S., Larenks Kanserli Hastalarda GNG7 Geninin Ekspresyon ve Metilasyon Seviyelerinin İncelenmesi, Postgraduate, C.ÖZKÖKLEŞEN(Student), 2016

Jury Memberships

Post Graduate, Post Graduate, İstanbul Üniversitesi, December, 2020

Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, December, 2020

Post Graduate, Post Graduate, İstanbul Üniversitesi, December, 2020

Doctoral Examination, Doctoral Examination, Sağlık Bilimleri Üniversitesi, November, 2020

Doctoral Examination, Doctoral Examination, İstanbul Üniversitesi, September, 2020

Associate Professor Exam, Associate Professor Exam, Dicle Üniversitesi, January, 2020

Post Graduate, Post Graduate, İstanbul Üniversitesi, July, 2019

Post Graduate, Tez Savunma , Onkoloji Enstitüsü, July, 2018

Post Graduate, Tez Savunma , Onkoloji Enstitüsü, December, 2017

Post Graduate, Tez Savunma , Onkoloji Enstitüsü, December, 2017

Post Graduate, Tez Savunma , Onkoloji Enstitüsü, August, 2017

Post Graduate, Tez Savunma , Onkoloji Enstitüsü, August, 2016

Post Graduate, Tez Savunma , Onkoloji Enstitüsü, August, 2016

Post Graduate, İ.Ü. TIP FAKULTESİ, BİYOİSTATİSTİK VE TIP BİLİŞİMİ ABD, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, May, 2014

Post Graduate, İ.Ü. TIP FAKULTESİ, BİYOİSTATİSTİK VE TIP BİLİŞİMİ ABD, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, February, 2014

Post Graduate, İ.Ü. ONKOLOJİ ENSTİTÜSÜ, TEMEL ONKOLOJİ ABD, KANSER BİYOKİMYASI BD, SAĞLIK BİLİMLERİ ENSTİTÜSÜ, July, 2013

Academic Staff Examination, Sağlık Bilimleri Enstitüsü Lisansüstü Öğrenci Alımı Yazılı/Mülakat sınavı, İ.Ü. Sağlık Bilimleri Enstitüsü, February, 2013

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Investigation of mRNA Expression Levels of Tip60 and Related DNA Repair Genes in Molecular Subtypes of Breast Cancer**
Salihoğlu E., Demokan S., Karanlık H., Karahalil B., Önder S., Cömert S., Yardım-Akaydın S.
Clinical Breast Cancer, vol.23, no.2, pp.125-134, 2023 (SCI-Expanded)
- II. **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)
- III. **Most Cited Articles in Head and Neck Oncology.**

Enver N., Şahin A., Sönmez S., Demokan S.

Ear, nose, & throat journal, vol.100, no.10, 2021 (SCI-Expanded)

- IV. **Methylation-Based Expression Loss of Glycophorin C (GYPC) Gene and Clinical Importance in Oral Cancer.**
Karataş M., Ulsan M., Demokan S.
ORAL ONCOLOGY, vol.118, no.supplement, pp.4, 2021 (SCI-Expanded)
- V. **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)
- VI. **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)
- VII. **Epigenetic Biosensors and Cancer**
Demokan S.
TURKISH JOURNAL OF BIOCHEMISTRY, vol.1, no.44, pp.11, 2019 (SCI-Expanded)
- VIII. **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)
- IX. **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)
- X. **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., Alaltı C., DALAY M. N.
JOURNAL OF CLINICAL PATHOLOGY, vol.1, pp.54, 2019 (SCI-Expanded)
- XI. **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)
- XII. **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)
- XIII. **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., Alath F. C., Dalay M. N.
International Journal of Molecular Medicine, vol.1, no.40, pp.40, 2017 (SCI-Expanded)
- XIV. **Copy number profiling of tumor suppressor genes in head and neck cancer**
Yalniz Z., Demokan S., Karabulut B., Ulsan M., Suoglu Y., Dalay N.
HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK, vol.39, no.2, pp.341-346, 2017 (SCI-Expanded)
- XV. **Investigation of the new epigenetic biomarkers in oral cavity malignant lesions by methylation arrays**
Demokan S., Comert S., Eryılmaz O., Sen S., Ulsan M., Ak G., Alati C., Dalay N.
INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, vol.40, 2017 (SCI-Expanded)
- XVI. **Detection of epigenetic biomarkers in tissues and surveillance using saliva samples of head and neck cancer patients**
Demokan S.
INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, vol.40, 2017 (SCI-Expanded)
- XVII. **Investigation of the expression status of TIMP3 in larynx cancer.**
Demokan S., Cömert S., Süoğlu Y. H., Ulsan M., Dalay N.

TURKISH JOURNAL OF BIOCHEMISTRY, vol.41, no.S4, 2016 (SCI-Expanded)

- XVIII. **Investigation of the promoter methylation profiles of the mismatch repair genes in larynx cancer**
Demokan S, Yalnız Kayım Z., Yılmaz R., Çelik M., Süoğlu Y. H., Dalay N.
TURKISH JOURNAL OF BIOCHEMISTRY, vol.41, no.s4, 2016 (SCI-Expanded)
- XIX. **Investigation of the promoter methylation status of the FHIT (Fragile Histidine Triad) gene in larynx cancer**
Demokan S, Akalin K, Özkökleşen C., Ulsan M., Enver N., Dalay M. N.
Cancer Research, vol.12, no.46, pp.4443, 2016 (SCI-Expanded)
- XX. **Discovery of novel epigenetic biomarkers in premalignant malignant oral cavity lesions by methylation arrays**
Demokan S, Cömert S., Özkökleşen C., Ulsan M., Ak G., Alathı F. C., Dalay M. N.
Cancer Research, vol.14, no.76, pp.4458, 2016 (SCI-Expanded)
- XXI. **Analysis of promoter methylation levels of COX2 gene in Turkish patients with head and neck cancer.**
Demokan S., Özkökleşen C., Yalnız Kayım Z., Enver N., Ulsan M., Dalay M. N.
Cancer Research, vol.75, no.15, pp.1059, 2015 (SCI-Expanded)
- XXII. **Clusterin Is a Gene-Specific Target of microRNA-21 in Head and Neck Squamous Cell Carcinoma**
Mydlarz W., Uemura M., Ahn S., Hennessey P., Chang S., Demokan S., Sun W., Shao C., Bishop J., Krosting J., et al.
CLINICAL CANCER RESEARCH, vol.20, no.4, pp.868-877, 2014 (SCI-Expanded)
- XXIII. **Validation of nucleolar protein 4 as a novel methylated tumor suppressor gene in head and neck cancer**
Demokan S., Chuang A. Y., Pattani K. M., Sidransky D., Koch W., Califano J. A.
ONCOLOGY REPORTS, vol.31, no.2, pp.1014-1020, 2014 (SCI-Expanded)
- XXIV. **Saliva biomarkers as diagnostic tools in monitoring head and neck cancer**
Demokan S.
INTERNATIONAL JOURNAL OF MOLECULAR MEDICINE, vol.34, 2014 (SCI-Expanded)
- XXV. **Identification of guanine nucleotide-binding protein gamma-7 as an epigenetically silenced gene in head and neck cancer by gene expression profiling**
Demokan S., Chuang A. Y., Chang X., Khan T., Smith I. M., Pattani K. M., Dasgupta S., Begum S., Khan Z., Liegeois N. J., et al.
INTERNATIONAL JOURNAL OF ONCOLOGY, vol.42, no.4, pp.1427-1436, 2013 (SCI-Expanded)
- XXVI. **Promoter methylation and loss of p16INK4a gene expression in head and neck cancer**
Demokan S., Chuang A., Suoglu Y., Ulsan M., Yalnız Z., Califano J. A., Dalay N.
HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK, vol.34, no.10, pp.1470-1475, 2012 (SCI-Expanded)
- XXVII. **MAGEB2 is Activated by Promoter Demethylation in Head and Neck Squamous Cell Carcinoma**
Pattani K. M., Soudry E., Glazer C. A., Ochs M. F., Wang H., Schussel J., Sun W., Hennessey P., Mydlarz W., Loyo M., et al.
PLOS ONE, vol.7, no.9, 2012 (SCI-Expanded)
- XXVIII. **Identification of GNG7 as an epigenetically silenced gene in head and neck cancer by gene expression profiling**
Demokan S., Chuang A. Y., Chang X., Khan T., Smith I. M., Pattani K. M., Dasgupta S., Begum S., Khan Z., Liegeois N. J., et al.
CANCER RESEARCH, vol.72, 2012 (SCI-Expanded)
- XXIX. **Baş-Boyun Kanserli Hastalarda Siklin D1 G870A Polimorfizminin İncelenmesi**
DEMOKAN İSHAKOĞLU S., Suoğlu Y. H., ULUSAN M., DALAY M. N.
TURKIYE KLINIKLERI TIP BİLİMLERİ DERGİSİ, vol.31, no.6, pp.1435-1441, 2011 (SCI-Expanded)
- XXX. **Role of DNA methylation in head and neck cancer**
Demokan S., Dalay N.
CLINICAL EPIGENETICS, vol.2, pp.123-150, 2011 (SCI-Expanded)
- XXXI. **Simultaneous Methylation Profiling of Tumor Suppressor Genes in Head and Neck Cancer**
Yalnız Z., Demokan S., Suoglu Y., Ulsan M., Dalay N.

- DNA AND CELL BIOLOGY, vol.30, pp.17-24, 2011 (SCI-Expanded)
- XXXII. **KIF1A and EDNRB are differentially methylated in primary HNSCC and salivary rinses**
Demokan S., Chang X., Chuang A., Mydlarz W. K., Kaur J., Huang P., Khan Z., Khan T., Ostrow K. L., Brait M., et al.
INTERNATIONAL JOURNAL OF CANCER, vol.127, no.10, pp.2351-2359, 2010 (SCI-Expanded)
- XXXIII. **Promoter hypermethylation in Indian primary oral squamous cell carcinoma**
Kaur J., Demokan S., Tripathi S. C., Macha M. A., Begum S., Califano J. A., Ralhan R.
INTERNATIONAL JOURNAL OF CANCER, vol.127, no.10, pp.2367-2373, 2010 (SCI-Expanded)
- XXXIV. **N-acetyltransferase 1 and 2 gene sequence variants and risk of head and neck cancer**
Demokan S., Suoglu Y., Gozeler M., Demir D., Dalay N.
MOLECULAR BIOLOGY REPORTS, vol.37, no.7, pp.3217-3226, 2010 (SCI-Expanded)
- XXXV. **Assessment of microsatellite instability in head and neck cancer using consensus markers**
Yalnız Kayım Z., Demokan S., Süoğlu Y. H., Ulsan M., Dalay N.
MOLECULAR BIOLOGY REPORTS, vol.37, pp.3541-3545, 2010 (SCI-Expanded)
- XXXVI. **Endothelin Receptor Type B Gene Promoter Hypermethylation in Salivary Rinses Is Independently Associated with Risk of Oral Cavity Cancer and Premalignancy**
Pattani K. M., Zhang Z., Demokan S., Glazer C., Loyo M., Goodman S., Sidransky D., BERMUDEZ F., JEAN-CHARLES G., MCCAFFREY T., et al.
CANCER PREVENTION RESEARCH, vol.3, no.9, pp.1093-1103, 2010 (SCI-Expanded)
- XXXVII. **Analysis of the hMSH2 Gene Variants in Head and Neck Cancer**
Demokan S., Suoglu Y., Ulsan M., Dalay N.
DNA AND CELL BIOLOGY, vol.29, no.8, pp.449-457, 2010 (SCI-Expanded)
- XXXVIII. **Identification of Hypermethylated Genes Associated with Cisplatin Resistance in Human Cancers**
Chang X., Monitto C. L., Demokan S., Kim M. S., Chang S. S., Zhong X., Califano J. A., Sidransky D.
CANCER RESEARCH, vol.70, no.7, pp.2870-2879, 2010 (SCI-Expanded)
- XXXIX. **Methylation profiles in head and neck cancer**
DEMOKAN S., Yalniz Z., Suoglu Y., Ulsan M., Dalay N.
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- XL. **TKTL1 is activated by promoter hypomethylation and contributes to head and neck squamous cell carcinoma carcinogenesis via increased aerobic glycolysis and HIF1- α stabilization**
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Activities in Scientific Journals

Türkiye Klinikleri Tıp Bilimleri Dergisi , Advisory Committee Member, 2013 - Continues

Memberships / Tasks in Scientific Organizations

Stratejik Planlama Komisyonu, Member, 2018 - Continues

7. MULTİDİSİPLİNER KANSER ARAŞTIRMA & 1. TEMEL ONKOLOJİ KONGRESİ, Member, 2018 - Continues

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1. Temel Onkoloji Sempozyumu, Member, 2018 - Continues

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14. İstanbul Üniversitesi, Onkoloji Enstitüsü Günleri Sempozyumu ve 7. İstanbul Üniversitesi, Onkoloji Enstitüsü Çalıştay, Member, 2016 - Continues

HÖAD (Hücre Ölümü Araştırma Derneđi), Member, 2016 - Continues

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13. İstanbul Üniversitesi, Onkoloji Enstitüsü Günleri Sempozyumu ve 6. İstanbul Üniversitesi, Onkoloji Enstitüsü Çalıştay, Member, 2015 - Continues

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Kalite kurulu Eğitim Komisyonu Üyesi ve Temel Onkoloji Anabilim Dalı Eğitim Süreç Sorumlusu, Chairman, 2013 - Continues

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EACR (EUROPEAN ASSOCIATION FOR CANCER RESEARCH), Member, 2009 - Continues

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Tasks In Event Organizations

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Demokan S., 6. İstanbul Üniversitesi, Onkoloji Enstitüsü Çalıştay, Scientific Congress, Turkey, Aralık 2015

Demokan S., 13. İstanbul Üniversitesi, Onkoloji Enstitüsü Günleri Sempozyumu , Scientific Congress, Turkey, Aralık 2015

Demokan S., 5. İstanbul Üniversitesi, Onkoloji Enstitüsü Çalıştay, Scientific Congress, Turkey, Aralık 2014

Demokan S., 12. İstanbul Üniversitesi, Onkoloji Enstitüsü Günleri Sempozyumu, Scientific Congress, Turkey, Aralık 2014

Metrics

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Congress and Symposium Activities

8. Onkolojide Arayışlar Sempozyumu, Attendee, İzmir, Turkey, 2019
- 3rd International Conference on Natural Products for Cancer Prevention and Therapy, Attendee, Kayseri, Turkey, 2019
- Onkolojide İz Bırakanlar Zirvesi, Attendee, Antalya, Turkey, 2019
- 3rd International Human Microbiota Congress, Audience, İstanbul, Turkey, 2019
16. Tıbbi Biyoloji ve Genetik Kongresi, Attendee, Muğla, Turkey, 2019
2. Temel Onkoloji Sempozyumu-Tümör İmmünolojisi ve Genetiği, Attendee, Ankara, Turkey, 2019
- MolBiyKon'19, Attendee, İstanbul, Turkey, 2019
- BRCAkademi Sempozyumu, Attendee, İstanbul, Turkey, 2019
5. Türk Tıp Dünyası Kurultayı, Attendee, Turkey, 2018
- Oral skuamöz hücreli karsinomda metilasyon ve ekspresyon profillemeye yöntemleri ile yeni epigenetik biyobelirteçlerin belirlenmesi, Attendee, Turkey, 2018
- Larenks kanserli hastalarda CYCLIN D1 (CCND1) geninin ekspresyon seviyesinin incelenmesi, Attendee, Turkey, 2018
- 1th Basic Oncology Symposium, Attendee, İzmir, Turkey, 2018
- Copy number profiling of tumor suppressor genes in head and neck cancer, Attendee, İstanbul, Turkey, 2017
- Kanserde Epigenetik Mekanizmalar ve Klinik Önemi, Attendee, İzmir, Turkey, 2017
4. Türk Tıp Dünyası Kurultayı, Attendee, İstanbul, Turkey, 2017
- Investigation of the expression status of TIMP3 in larynx cancer., Attendee, Konya, Turkey, 2017
- Expression levels of MyelinTranscriptionFactor 1 genein larynxcancerpatients, Attendee, Turkey, 2017
- Larenks Kanserli Hastalarda Retinoblastoma 1 ve Cyclin Dependent Kinase Inhibitor 1B Genlerinin Ekspresyon Düzeylerinin Araştırılması, Attendee, Turkey, 2017
- Metilasyon ve ekspresyon array yöntemleri ile oral kavitenin premalin lezyonlarında aday biyobelirteç çalışmaları, Attendee, İzmir, Turkey, 2017
- Larenks Kanserli Hastalarda MurineDouble Minute 2 Geninin Ekspresyon Seviyesinin İncelenmesi., Attendee, Antalya, Turkey, 2017
22. Ulusal Kanser Kongresi / Larenks Kanserli Hastalarda Guanine Nucleotide Binding Protein Gamma 7 Geninin Ekspresyon ve Metilasyon Seviyelerinin İncelenmesi, Attendee, Antalya, Turkey, 2017
- Baş-Boyun Kanserli Hastalarda Tükürükte EpigenetikBiyobelirteç Arayışı, Attendee, İstanbul, Turkey, 2017
- Larenks kanserli hastalarda hücre döngüsünün düzenlenmesinde görev alan genlerin ekspresyon seviyelerinin incelenmesi., Attendee, Gaziantep, Turkey, 2016
- Larenks kanserli hastalarda DAPK (Death-Associated Protein Kinase) ve MGMT (O-6-Methylguanine-DNA Methyltransferase) genlerinin promoter bölgesindeki metilasyon seviyelerinin incelenmesi., Attendee, Muğla, Turkey, 2015
- Baş-boyun Kanserli Hastalarda Fragile Histidine Triad (FHIT) Geninin Promoter Metilasyon Seviyelerinin İncelenmesi, Attendee, Antalya, Turkey, 2015
- Baş-boyun Kanserli Hastalarda High In Normal-1 (HIN-1) Geninin Promoter Metilasyon Seviyelerinin İncelenmesi, Attendee, Turkey, 2015
- IFCC WorldLab Istanbul 2014/Investigation of the XRCC1 Gene Polymorphism in Turkish Malignant Melanoma Patients., Attendee, İSTANBUL, Turkey, 2014
- AACR Annual Meeting 2014/The let-7 MicroRNA Binding Site Variant in The KRAS 3'-UTR is not Associated with The Risk of Head and Neck Cancer., Attendee, SAN DIEGO, United States Of America, 2014
- AACR Annual Meeting 2014/Promoter Methylation of Tumor Suppressor Genes in Convalescent Saliva Samples from Patients with Head and Neck Squamous Cell Carcinoma., Attendee, SAN DIEGO, United States Of America, 2014
- 5th Multidisciplinary Cancer Research Congress/Role of DNA Methylation in Cancer, Attendee, MUĞLA, Turkey, 2014
- Non-Kolorektal Gastrointestinal Sistem Kanserlerin Multidisipliner Tedavisinde Güncel Yaklaşımlar Eğitim Toplantısı / Mide kanserlerinde Genetik Geçiş Sendromları ve Riskli Bireylere Yaklaşım., Attendee, Kocaeli, Turkey, 2013
- 18th World Congress on Advances in Oncology and 16th International Symposium on Molecular Medicine / Analysis of Methylation Biomarkers in Head and Neck Cancer., Attendee, GİRİT/KANDİYE, Greece, 2013
- 25th National Biochemistry Congress / Baş-boyun kanserinde epigenetik biyobelirteç arayışı., Attendee, İzmir, Turkey, 2013

Baş-boyun kanserinde epigenetik biyobelirteç arayışı., Attendee, İzmir, Turkey, 2013

AACR ANNUAL MEETING 2013 / Validation of nucleolar protein 4 as a novel methylated tumor suppressor gene in head and neck cancer., Attendee, Washington DC, United States Of America, 2013

20th National Cancer Congress / Baş-boyun kanserinde mRNA ekspresyon profillemeye yöntemleri ile epigenetik yolla sessizleştirilen GNG7 geninin tanımlanması., Attendee, Antalya, Turkey, 2013

Baş-boyun Kanserli Hastalarda Tümör Baskılayıcı Genlerde Kopya Sayısı Değişiklikleri., Attendee, Turkey, 2013

4th I.U. Oncology Institute Workshop, Attendee, Turkey, 2012

AACR "103rd ANNUAL MEETING / Identification of GNG7 as An Epigenetically Silenced Gene in Head and Neck Cancer by Gene Expression Profiling., Attendee, CHICAGO, United States Of America, 2012

3rd I.U. Oncology Institute Workshop, Attendee, Turkey, 2011

AACR "Metabolism and Cancer / Investigation of genetic polymorphisms of the XPD and CCND1 genes in Turkish malignant melanoma patients., Attendee, BALTIMORE, United States Of America, 2011

19th National Cancer Congress / Baş-Boyun Kanseri Gelişiminde P16INK4a Gen Ekspresyonu İle Promotör Hipermetilasyonunun İlişkisi., Attendee, Antalya, Turkey, 2011

19. Ulusal Kanseri Kongresi / Farmakolojik Demetilasyon ve mRNA Ekspresyon Array Yöntemleri İle Baş- Boyun Kanseri Hipermetile Olan Yeni Genlerin Tanımlanması., Attendee, Antalya, Turkey, 2011

19th National Cancer Congress / Baş Boyun Kanseri Hastalarda Yanlış Eşleme Onarımında Görev Alan Genlerin Metilasyon Profili., Attendee, Antalya, Turkey, 2011

19. Ulusal Kanseri Kongresi / Aday Gen Yaklaşımı İle Seçilen Gen Paneli, Hipermetilasyon ve Baş-Boyun Kanseri İlişkisi., Attendee, Antalya, Turkey, 2011

", 8th I.U. Oncology Days, Attendee, Antalya, Turkey, 2010

"Gynecological Tumors and Current Approaches" Symposium., Attendee, İstanbul, Turkey, 2010

", "Gynecological Tumors and Current Approaches" Symposium / Kanseri Epigenetiği, Attendee, İSTANBUL, Turkey, 2010

AACR Special Conference on "The Future of The Molecular Epidemiology:New Tools, Biomarkers, and Opportunities / Methylation Profiles in Head and Neck Cancer., Attendee, FLORIDA, United States Of America, 2010

21st meeting of the European Association for cancer research / Methylation of the mismatch repair genes in head and neck cancer., Attendee, OSLO, Norway, 2010

American Head and Neck Society (AHNS) 2010 Annual Meeting / MicroRNA-21 Specific Targets in Head and Neck Squamous Cell Carcinoma., Attendee, LAS VEGAS, United States Of America, 2010

AACR 101st Annual Meeting 2010 / TKTL1 is Activated by Promoter Hypomethylation and Contributes to Head and Neck Squamous Cell Carcinoma Carcinogenesis via Increased Aerobic Glycolysis and HIF1{alpha} Stabilization., Attendee, Washington DC, United States Of America, 2010

32nd Annual San Antonio Breast Cancer Symposium / DNA Promoter Methylation in Breast Tumors Is Not Associated with Polymorphism in the GSTP1 Gene., Attendee, San Antonio, TX, United States Of America, 2009

7th I.U. Oncology Days, Attendee, Bolu, Turkey, 2009

7th I.U. Oncology Days: 1st Scientific Researches Workshop and Adjuvant Consensus Meeting in Breast Cancer / Genetic and Epigenetic Changes in Head and Neck Cancers, Attendee, Bolu, Turkey, 2009

1st AACR International Conference on Frontiers in Basic Cancer Research / MGMT Promoter Methylation and Analysis of Microsatellite Instability in Head and Neck Cancer by Consensus Markers., Attendee, Boston, United States Of America, 2009

Johns Hopkins University, School of Medicine, Biennial Meeting and Reunion Weekend, Attendee, Maryland, United States Of America, 2009

Johns Hopkins University, School of Medicine, Biennial Meeting and Reunion Weekend / Molecular Detection in Salivary Rinses of Patients with HNSCC., Attendee, Baltimore, United States Of America, 2009

XVIII. National Cancer Congress / Baş-Boyun Kanseri Hastalarında COX2, HIN-1, FHIT, MGMT, DAPK ve RASSF1A Genlerinde Promoter Metilasyonu ve Gen Ekspresyonunun İncelenmesi., Attendee, Antalya, Turkey, 2009

100th Annual Meeting of the American Association for Cancer Research / Quantitative Detection of Promoter Methylation of Multiple Tumor Suppressor Genes in Salivary Rinses As A Screening/Diagnosis Tool for Head and Neck Squamous Cell Carcinoma., Attendee, Denver, CO, United States Of America, 2009

100th Annual Meeting of the American Association for Cancer Research / Identification of Hypermethylated Genes Associated with Cisplatin Resistance in Human Cancers., Attendee, Denver, CO, United States Of America, 2009

100th Annual Meeting of the American Association for Cancer Research / High-throughput Integrative Epigenetic Genome-Wide Screen for Proto-oncogenes in Salivary Adenoid Cystic Carcinoma., Attendee, Denver, CO, United States Of America, 2009

AACR Meeting on Molecular Diagnostics in Cancer Therapeutic Development / Serum Biomarkers for Head and Neck Cancer by Proteomic Analysis., Attendee, Philadelphia, United States Of America, 2008

20th Meeting of the European Association For Cancer Research (EACR) / Methylation of the DAPK, HIN-1 and FHIT Genes in Head and Neck Cancer ., Attendee, Lyon, France, 2008

International Investigative Dermatology 2008 / Aberrant Promoter Hypermethylation of Candidate Tumor Suppressor Genes in Cutaneous Squamous Cell Carcinoma., Attendee, Kyoto, Japan, 2008

The American Association for Cancer Research (AACR) Annual Meeting 2008 / Methylation of the KIF1A and EDNRB Genes is A Frequent Event in Head and Neck Cancer., Attendee, San Diego, United States Of America, 2008

Oncogenes and Human Cancer: The Next 25 Years / Methylation of the MGMT Gene is A Frequent Event in Head and Neck Cancer., Attendee, Madrid, Spain, 2007

AACR Special Conference: Advances in Breast Cancer Research: Genetics, Biology, and Clinical Applications / Methylation Profiles in Breast Cancer., Attendee, SAN DIEGO, United States Of America, 2007

The 5th Annual International AACR Conference on Frontiers in Cancer Prevention Research / N-Acetyltransferase Gene Polymorphisms in Head and Neck Cancer., Attendee, Boston, United States Of America, 2006

31st FEBS Congress / Promoter Methylation and The g1VS12-6T?C Polymorphism of The hMSH2 Gene in Head and Neck Cancer., Attendee, İSTANBUL, Turkey, 2006

Behbut Cevanşir Baş Boyun Kanserlerinde Tedavi Günleri: Oral Kavite ve Orofarenks Kanserleri Tedavisinde Güncel Sorun ve Çözümleri / Oral Kavite ve Orofarenks Kanserlerinin Moleküler Biyolojisi., Attendee, İSTANBUL, Turkey, 2006

The Panel of “Nasopharyngeal Carcinoma”, Attendee, İstanbul, Turkey, 2006

The Panel of “Nasopharyngeal Carcinoma/ Molecular Biology of Nasopharyngeal Cancer”, Attendee, İSTANBUL, Turkey, 2006

2006 Science Days by The Research Fund of Istanbul University, Attendee, Turkey, 2006

1st National Cancer Research Institute (NCRI) Cancer Conference / Microsatellite Instability and Methylation of DNA Mismatch Repair Genes in Head and Neck Cancer., Attendee, Birmingham, United Kingdom, 2005

An AACR Special Conference in Cancer Research “Advances in Breast Cancer Research: Genetics, Biology, and Clinical Applications / Association of p53 Genotypes and Haplotypes with Breast Cancer., Attendee, La Jolla, California, United States Of America, 2005

8th National Medical Biology Congress / Baş-Boyun Kanserli Hastalarda Genetik Polimorfizmlerin İncelenmesi., Attendee, Adana, Turkey, 2003

8th National Medical Biology Congress / BRCA2 Kodon 784 Polimorfizminin Over Kanser Riski ve Prognozundaki Önemi, Attendee, Adana, Turkey, 2003

15th National Cancer Congress / Nazofarenks Kanserinde RB2/P130 Gen Mutasyonları ve EBV Genomunun Araştırılması., Attendee, Antalya, Turkey, 2003

25th ESMO Congress / Detection of Somatic DNA Changes in Colon Cancer., Attendee, Hamburg, Germany, 2000

36th Annual Meeting of American Society of Clinical Oncology (ASCO) / Serum Levels of Intercellular Adhesion Molecule 1 (ICAM-1) and CD44 in Pediatric Solid Tumors., Attendee, New Orleans, LA, United States Of America, 2000

17th International Conference of Human Tumor Marker / Chemotherapy Induced Changes in Neopterin and 90K Protein Levels., Attendee, Hong Kong, 2000

6th International Conference of Anticancer Research / Microsatellite Instability in Turkish Breast Cancer Patients., Attendee, Halkidiki, Kallithea, Greece, 1998

Turkish Biochemistry Society, 14th National Biochemistry Congress and Clinical Laboratory Automation Symposium / CEA'nın Sağlıklı ve Kanserli Kişilerde Tümör Belirleyici Olarak Rolü., Attendee, İzmir, Turkey, 1997

Turkish Biochemistry Society, 14th National Biochemistry Congress and Clinical Laboratory Automation Symposium / Kanser Hastalarında Kolesterol Düzeyleri., Attendee, İzmir, Turkey, 1997

Awards

Öztan A., Ak G., Ulsan M., Demokan S., Best Poster Presentation Award, 1St International Basic Oncology Congress, June 2022

Demokan S., Dalay M. N., Ak G., Alatlı F. C., Ulsan M., Proje Performans Ödülü (PPÖ), Tübitak-Ardeb, July 2020

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., Özemek B., Şen S., Ak G., Sezerman 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 BİRİNCİLİK ÖDÜLÜ, Türk Kanser Araştırma Ve Savaş Kurumu Derneği, May 2018

DEMOKAN S., Academic Research Award, Head and Neck-Journal for The Sciences and Specialties of The Head and Neck, February 2017

DEMOKAN S., The Best Poster Presentation Award, 7th European Congress On Head And Neck Oncology (ECHNO), October 2016

DEMOKAN S., Academic Research Award, 3rd I.U. Oncology Institute Workshop, December 2011

DEMOKAN S., AACR-Aflac-Scholar-in-Training Award, AACR, October 2011

DEMOKAN S., Motivation Prize, Turkish Scientific and Technical Research Council, October 2006

DEMOKAN S., ESMO (European Society of Medical Oncology) travel award, ESMO, October 2000

DEMOKAN S., Motivation Prize, Turkish Scientific and Technical Research Council, October 1999

Non Academic Experience

Professional Association, TEMEL ONKOLOJİ DERNEĞİ, Basic Oncology Society

University, JOHNS HOPKINS ÜNİVERSİTESİ, TIP FAKÜLTESİ, OTOLARİNGOLOJİ-BAŞ-BOYUN CERRAHİSİ, BAŞ-BOYUN KANSER ARAŞTIRMA BÖLÜMÜ, JOHNS HOPKINS UNIVERSITY, SCHOOL OF MEDICINE, OTOLARYNGOLOGY-HEAD AND NECK SURGERY, HEAD AND NECK CANCER RESEARCH DIVISION