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International Researcher IDs

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Publons / Web Of Science ResearcherID: ABA-4957-2020

ScopusID: 55978575700

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Education Information

Doctorate, University of Pittsburgh, Graduate School of Public Health, Human Genetics, United States Of America 2011 - 2014

Postgraduate, University of Pittsburgh, Graduate School Of Public Health, Human Genetics, United States Of America 2008 - 2010

Undergraduate, Istanbul University, Faculty Of Science, Moleküler Biyoloji Ve Genetik Bölümü, Turkey 2003 - 2007

Certificates, Courses and Trainings

Health&Medicine, 4th Course in Next Generation Sequencing, The European School of Genetic Medicine, 2015

Dissertations

Doctorate, Variants discovery in the LPL and CETP genes and their associations with plasma lipid and apolipoprotein levels, University of Pittsburgh, Graduate School of Public Health, Human Genetics, 2014

Postgraduate, Lipoprotein lipase gene sequencing and plasma lipid profile, University of Pittsburgh, Graduate School of Public Health, Human Genetics, 2010

Academic Titles / Tasks

Associate Professor, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Moleküler Biyoloji Ve Genetik, 2021 - Continues
Research Assistant, Mus Alparslan University, Faculty Of Arts And Sciences, Department Of Molecular Biology And Genetics, 2015 - 2017

Advising Theses

Pirim D., YAYGIN DEĞİŞKEN İMMÜN YETMEZLİK VE MİDE KANSERİ ARASINDAKİ MOLEKÜLER BAĞLANTININ

ENTEGRATİF BIYOİNFORMATİK ANALİZLERLE ARAŞTIRILMASI, Postgraduate, B.AYAR(Student), 2021

Pirim D., Investigation of the common candidate molecular biomarkers and key pathways that play a role in the pathogenesis of alzheimer's disease and cancer, Postgraduate, E.BUSE(Student), 2020

Pirim D., Bioinformatics analyses of identified variants in the brca1 and brca2 genes by next generation sequencing: Retrospective study, Postgraduate, N.KAYA(Student), 2019

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Hepatic lipase (LIPC) sequencing in individuals with extremely high and low high-density lipoprotein cholesterol levels.**
Pirim D., Bunker C. H. , Hokanson J. E. , Hamman R. F. , Demirci F. Y. , Kamboh M. I.
PloS one, vol.15, 2020 (SCI-Expanded)
- II. **Characterization and in silico analyses of the BRCA1/2 variants identified in individuals with personal and/or family history of BRCA-related cancers**
Pirim D., Kaya N., Yıldırım E., Sag S., Temel Ş. G.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.162, pp.1166-1177, 2020 (SCI-Expanded)
- III. **Association Study of Coronary Artery Disease-Associated Genome-Wide Significant SNPs with Coronary Stenosis in Pakistani Population**
Cheema A. N. , PİRİM D., Wang X, Ali J, Bhatti A, John P, Feingold E, Demirci F. Y. , Kamboh M. I.
DISEASE MARKERS, vol.2020, 2020 (SCI-Expanded)
- IV. **In silico identification of putative roles of food-derived xeno-mirs on diet-associated cancer**
Pirim D., Doğan B.
NUTRITION AND CANCER-AN INTERNATIONAL JOURNAL, vol.72, 2020 (SCI-Expanded)
- V. **Hsa-miR-584-5p as a novel candidate biomarker in Turkish men with severe coronary artery disease**
Coban N., Pirim D., Erkan A. F. , Doğan B., Ekici B.
MOLECULAR BIOLOGY REPORTS, vol.47, pp.1361-1369, 2020 (SCI-Expanded)
- VI. **Integrative analyses of molecular pathways and key candidate biomarkers associated with colorectal cancer**
PİRİM D.
CANCER BIOMARKERS, vol.27, no.4, pp.555-568, 2020 (SCI-Expanded)
- VII. **Apolipoprotein E-C1-C4-C2 gene cluster region and inter-individual variation in plasma lipoprotein levels: a comprehensive genetic association study in two ethnic groups**
PİRİM D., Radwan Z. H. , Wang X, Niemsiri V., Hokanson J. E. , Hamman R. F. , Feingold E., Bunker C. H. , Demirci F. Y. , Kamboh M. I.
PLOS ONE, vol.14, no.3, 2019 (SCI-Expanded)
- VIII. **Resequencing of the CETP gene in American whites and African blacks: Association of rare and common variants with HDL-cholesterol levels**
PİRİM D., Wang X, Niemsiri V., Radwan Z. H. , Bunker C. H. , Hokanson J. E. , Hamman R. F. , Barmada M. M. , Demirci F. Y. , Kamboh M. I.
METABOLISM-CLINICAL AND EXPERIMENTAL, vol.65, no.1, pp.36-47, 2016 (SCI-Expanded)
- IX. **Genetic contribution of SCARB1 variants to lipid traits in African Blacks: a candidate gene association study**
Niemsiri V., Wang X, PİRİM D., Radwan Z. H. , Bunker C. H. , Barmada M. M. , Kamboh M. I. , Demirci F. Y.
BMC MEDICAL GENETICS, vol.16, 2015 (SCI-Expanded)
- X. **Resequencing of LPL in African Blacks and associations with lipoprotein-lipid levels**
PİRİM D., Wang X, Radwan Z. H. , Niemsiri V., Bunker C. H. , Barmada M. M. , Kamboh M. I. , Demirci F. Y.
EUROPEAN JOURNAL OF HUMAN GENETICS, vol.23, no.9, pp.1244-1253, 2015 (SCI-Expanded)
- XI. **Impact of Genetic Variants in Human Scavenger Receptor Class B Type I (SCARB1) on Plasma Lipid Traits**
Niemsiri V., Wang X, PİRİM D., Radwan Z. H. , Hokanson J. E. , Hamman R. F. , Barmada M. M. , Demirci F. Y. ,

Kamboh M. I.

CIRCULATION-CARDIOVASCULAR GENETICS, vol.7, no.6, pp.838-898, 2014 (SCI-Expanded)

XII. Comprehensive Evaluation of the Association of APOE Genetic Variation with Plasma Lipoprotein Traits in US Whites and African Blacks

Radwan Z. H. , Wang X., Waqar F., PİRİM D., Niemsiri V., Hokanson J. E. , Hamman R. F. , Bunker C. H. , Barmada M. M. , Demirci F. Y. , et al.

PLOS ONE, vol.9, no.12, 2014 (SCI-Expanded)

XIII. Lipoprotein lipase gene sequencing and plasma lipid profile

PİRİM D., Wang X., Radwan Z. H. , Niemsiri V., Hokanson J. E. , Hamman R. F. , Barmada M. M. , Demirci F. Y. , Kamboh M. I.

JOURNAL OF LIPID RESEARCH, vol.55, no.1, pp.85-93, 2014 (SCI-Expanded)

Articles Published in Other Journals

I. Kolorektal kanser moleküler epidemiyolojisinde mikroRNA-mikrobiyom ilişkisi

NURÇIN F., GEDİK Ö., PİRİM D.

Türk Bilimsel Derlemeler Dergisi, vol.13, no.2, pp.102-114, 2020 (Peer-Reviewed Journal)

II. Geç Başlangıçlı Alzheimer Hastalığı ve Hepatosellüler Karsinom ile İlişkili Ortak Moleküler Yolakların ve Anahtar Biyobelirteçlerin Biyoinformatik Analizlerle Araştırılması

Pirim D.

Bursa Uludağ Üniversitesi Tıp Fakültesi Dergisi, vol.46, pp.161-168, 2020 (Peer-Reviewed Journal)

III. Assessing the Functional Properties of the TMC01 Sequence Variants by Using In Silico Analyses

PİRİM D., ULUSOY E., KURT Z., KAYA N., UZ YILDIRIM E.

Düzce Üniversitesi Bilim ve Teknoloji Dergisi, vol.7, no.3, pp.1931-1946, 2019 (Peer-Reviewed Journal)

IV. Koroner arter hastalığı olmayan ve statin ile tedavi edilen bireylerde Ampk yolağında yeni bir aday modülatör olarak microrna-625-5p

ÇOBAN N., PİRİM D., ERKAN A. F. , GEYİK F., EKİCİ B., ÜNALTUNA N.

Deneysel Tıp Dergisi, vol.6, no.11, pp.12-20, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

I. MiRNA Discovery and Current In Silico Approaches in Clinical Research

Doğan B., Ayar B., Pirim D.

in: Current Medical Biology and Genetic Studies, H. Ümit LÜLEYA, Editor, Akademisyen Kitabevi, İstanbul, pp.1-21, 2020

Refereed Congress / Symposium Publications in Proceedings

I. Identification of human microbiota-related key genes and molecular pathways in colorectal adenocarcinoma by integrative bioinformatics analysis

PİRİM D., DOĞAN B., ÖRNEK ERGÜZELOĞLU C., ALEMDAR A., TEMEL Ş. G.

2nd International Conference on Preventive Medicine, Turkey, 25 - 28 November 2020, vol.1, pp.37-38

II. Comprehensive Bioinformatic Analyses Of BRCA1/2 Variants Identified in Individuals With Personal and/or Family History of BRCA-Related Cancers

PİRİM D., KAYA N., UZ YILDIRIM E., ÖZEMRİ SAĞ Ş., TEMEL Ş. G.

1st Bursa International Genetics Days: Dermatogenetics Symposium, Bursa, Turkey, 9 - 11 January 2020

III. Hepatosellüler Karsinom ve Geç Başlangıçlı Alzheimer Hastalığında Etkin Ortak Moleküler Biyobelirteçlerin Araştırılması

PİRİM D., Yılmaz E. B.

4. Çukurova Hepatoselüler Karsinoma Kongresi, Adana, Turkey, 27 - 29 February 2020

- IV. **MicroRNA-associated candidate molecular pathways and key regulators in schizophrenia identified by using bioinformatic analyses**
PİRİM D.
1st International Conference on Preventive Medicine, Antalya, Turkey, 12 - 14 November 2019
- V. **Hsa-miR-584-5p as a novel candidate biomarker in Turkish men with coronary artery disease**
Çoban N., Pirim D., Doğan B., Erkan A. F. , Ekici B.
35th Turkish Cardiology Congress with International Participation, Antalya, Turkey, 3 - 06 October 2019, vol.22, pp.55
- VI. **Next generation sequencing-based gene panel tests for the diagnosis of hereditary cancers**
ZEYBEK S., ALEMDAR A., kaya n., Aliyeva L., KABLAN A., PİRİM D., UZ YILDIRIM E., ÖZEMRİ SAĞ Ş., TEMEL Ş. G.
American Society of Human Genetics 69th Annual Meeting, Houston, United States Of America, 15 - 19 October 2019
- VII. **Variants in the 3'untranslated region of the CXCL12 gene may mediate the miRNA function in coronary artery disease.**
ÇOBAN N., PİRİM D., ERKAN A. F. , EKİCİ B.
35th Turkish Cardiology Congress with International Participation, Antalya, Turkey, 3 - 06 October 2019
- VIII. **Identification of shared candidate key genes and pathways associated with cancer and heart failure pathogenesis using bioinformatic analyses**
PİRİM D.
1st International Multidisciplinary Cancer Research Congress (8th Multidisciplinary Cancer Research Congress), Diyarbakır, Turkey, 18 - 22 September 2019
- IX. **Targeted gene panel sequencing for hereditary kidney diseases: efficiently detects candidate pathogenic variants related with these disorders**
kaya n., ALKAYA A., Aliyeva L., KABLAN A., PİRİM D., UZ YILDIRIM E., ÖZEMRİ SAĞ Ş., TEMEL Ş. G.
Uluslararası Katılımlı Erciyes Tıp Genetik Günleri 2019, Kayseri, Turkey, 21 - 23 February 2019
- X. **Targeted gene panel sequencing for hereditary Cancers: Diagnostic Efficiency**
TEMEL Ş. G. , ALEMDAR A., kaya n., Aliyeva L., KABLAN A., PİRİM D., UZ YILDIRIM E., ÖZEMRİ SAĞ Ş.
13th Balkan Congress of Human Genetics, Edirne, Turkey, 17 - 20 April 2019
- XI. **Genetic evaluation of the CFTR gene and comprehensive analysis of the sequence**
Yılmaz E. B. , kaya n., Aliyeva L., KABLAN A., PİRİM D., UZ YILDIRIM E., ÖZEMRİ SAĞ Ş., TEMEL Ş. G.
13th Balkan Congress of Human Genetics, Edirne, Turkey, 17 - 20 April 2019
- XII. **Molecular diagnosis of connective tissue disorders using targeted gene panel screening**
KABLAN A., kaya n., Aliyeva L., PİRİM D., UZ YILDIRIM E., ÖZEMRİ SAĞ Ş., TEMEL Ş. G.
13th Balkan Congress of Human Genetics, Edirne, Edirne, Turkey, 17 - 20 April 2019
- XIII. **Identification of BRCA1/2 Variants via Next Generation Sequencing for Therapeutic Approach**
Özemri Sağ Ş., Kaya N., Alyeva L., Kablan A., Örnek C., Doğan B., Pirim D., Uz Yıldırım E., Temel Ş. G.
13th Balkan Congress of Human Genetics, Edirne, Turkey, 17 - 20 April 2019
- XIV. **Diagnostic efficiency of multiple gene panel in cardiomyopathy and hereditary arrhythmias**
ALEMDAR A., kaya n., Aliyeva L., KABLAN A., PİRİM D., UZ YILDIRIM E., ÖZEMRİ SAĞ Ş., TEMEL Ş. G.
13th Balkan Congress of Human Genetics, Edirne, Turkey, 17 - 20 April 2019
- XV. **Osteogenesis imperfecta ön tanılı hastaların hedefe yönelik gen paneli kullanılarak yeni nesil tekniği ile dizilenmesi**
Aliyeva L., kaya n., KABLAN A., PİRİM D., UZ YILDIRIM E., ÖZEMRİ SAĞ Ş., TEMEL Ş. G.
3. Ege Endokrin Hastalıklar ve Genetik Sempozyumu, İzmir, Turkey, 7 - 09 March 2019
- XVI. **Identification and analysis of novel variants associated with breast and ovarian cancer in BRCA1 and BRCA2 Genes**
Aliyeva L., kaya n., kurt z., KABLAN A., ÖZEMRİ SAĞ Ş., PİRİM D., UZ YILDIRIM E., TEMEL Ş. G.
13. Ulusal Tıbbi Genetik Kongresi Antalya, Antalya, Turkey, 7 - 11 November 2018
- XVII. **Screening of common and novel variants in the MEFV Gene in patients with familial mediterranean**

fever (FMF) symptoms by using next generation sequencing

kaya n., kurt z., Aliyeva L., KABLAN A., ÖZEMRİ SAĞ Ş., UZ YILDIRIM E., PİRİM D., TEMEL Ş. G.

13. Ulusal Tıbbi Genetik Kongresi, Antalya, 2018, Antalya, Turkey, 7 - 11 November 2018

- XVIII. A NOVEL MIRSNP AT THE IGF1 3' UTR MAY MODULATE THE MIRNA-MEDIATED GENE EXPRESSION IN CARDIOVASCULAR DISEASE**
Pirim D., Coban N., Erkan A. F., Ekici B., Erginel-Unaltuna N., Diker I. Y., Ozuynuk A. S.
86th Congress of the European-Atherosclerosis-Society (EAS), Lisbon, Portugal, 5 - 08 May 2018, vol.275
- XIX. Contribution of ABCA1 Genetic Variation to plasma lipid levels in non-Hispanic White Americans**
niemsiri v., WANG X., Radwan Z. H., PİRİM D., HALDER I., STEVEN R., Barmada M., hokanson J. E., HAMMAN R., demirci F. Y., et al.
American Heart Association's Scientific Sessions 2017, Anaheim, United States Of America, 11 - 15 November 2017
- XX. miRNA Aracılı Gen Regulasyonunda PTEN Geninin 3'UTR Bölgesindeki Dizi Varyantlarının Rolü**
ÇOBAN N., PİRİM D., ERKAN A. F., GEYİK F., EKİCİ B., ÜNALTUNA N.
XV. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Turkey, 26 - 29 October 2017
- XXI. Investigation of microRNA expression in coronary artery disease**
ÇOBAN N., PİRİM D., ERKAN A. F., GEYİK F., EKİCİ B., ÜNALTUNA N.
American Society of Human Genetics 67th Annual Meeting, Orlando, United States Of America, 17 - 21 October 2017
- XXII. A comprehensive association study of apolipoprotein E-C1-C4-C2 gene cluster variation with plasma lipoprotein traits**
PİRİM D., Radwan Z. H., WANG X., niemsiri v., WAQAR F., hokanson J. E., Barmada M., HAMMAN R., feingold e., bunker C. H., et al.
85th European Atherosclerosis Society (EAS) Congress 2017, Prague, Czech Republic, 23 - 26 April 2017
- XXIII. Association of genome-wide significant single-nucleotide polymorphisms with coronary artery disease in Pakistani population: a case-control study**
cheema a., PİRİM D., WANG X., demirci F. Y., Kamboh I.
The 12th Asia-Pacific Conference on Human Genetics, Bangkok, Thailand, 8 - 10 November 2017
- XXIV. Plasma levels of miR-19a, miR-26a and miR-584 are associated with severity of coronary artery disease in Turkish men**
ÇOBAN N., PİRİM D., ERKAN A. F., GEYİK F., EKİCİ B., ÜNALTUNA N.
American Society of Human Genetics 66th Annual Meeting, Vancouver, Canada, 18 - 22 October 2016
- XXV. MicroRNA 625 5p as a novel candidate modulator of AMPK pathway in statin treated individuals without coronary artery disease**
ÇOBAN N., PİRİM D., ERKAN A. F., GEYİK F., EKİCİ B., ÜNALTUNA N.
European Human Genetics Conference 2016, Barcelona, Spain, 21 - 24 May 2016
- XXVI. Düşük frekanslı/nadir varyantların lipid profili ile ilişkileri: Yaygın hastalık/nadir varyant (CD/RV) hipotezi**
PİRİM D.
XIV Ulusal Tıbbi Biyoloji ve Genetik Kongresi (Uluslararası Katılımlı), Fethiye, Türkiye, Fethiye, Turkey, 27 - 30 October 2015
- XXVII. The contribution of common and low frequency rare variants in ATP binding cassette A1 ABCA1 to lipoprotein lipid traits**
Niemsiri V., Wang X., Radwan Z., PİRİM D., Hokanson J., Hamman R., Barmada M., Demirci F., Kamboh M.
American Society of Human Genetics 65th Annual Meeting, Baltimore, United States Of America, 6 - 10 October 2015
- XXVIII. CETP gene variation and its association with plasma lipoprotein-lipid traits in U.S. Whites**
PİRİM D., WANG X., hokanson J. E., Hamman R., Barmada M., demirci F. Y., Kamboh I.
XIII. Ulusal Tıbbi Biyoloji ve Genetik Kongresi, Aydın, Türkiye, Aydın, Turkey, 27 - 30 October 2013
- XXIX. Identification of sequence variants of hepatic lipase (LIPC) gene in individuals with extreme HDLC/TG levels**
PİRİM D., demirci F. Y., WANG X., hokanson J. E., bunker C. H., Barmada M., Kamboh I.

American Society of Human Genetics 63rd Annual Meeting, Boston, United States Of America, 22 - 26 October 2013

XXX. Resequencing of the Cholesteryl Ester Transfer Protein gene (CETP) in U.S. Whites and African Blacks with extreme HDL-C levels

PİRİM D., demirci F. Y. , WANG X, hokanson J. E. , Hamman R., bunker C. H. , Kammerer C. M. , Barmada M., Kamboh I.

American Society of Human Genetics 62nd Annual Meeting, San-Francisco, Costa Rica, 6 - 10 November 2012

XXXI. Resequencing of the Lipoprotein Lipase Gene in Individuals with Extreme HDL-Cholesterol Levels

PİRİM D., demirci F. Y. , WANG X, Irfan M., Wang Y., hokanson J. E. , Hamman R., Kammerer C. M. , Kamboh I.

Arteriosclerosis, Thrombosis and Vascular Biology (ATVB) 2012 Scientific Sessions, Chicago, United States Of America, 18 - 20 April 2012

XXXII. Lipoprotein lipase gene (LPL) resequencing and plasma lipid profile

PİRİM D., demirci F. Y. , Hughes S. K. , Irfan M., Wang Y., hokanson J. E. , Hamman R., Kammerer C. M. , Kamboh I.

American Society of Human Genetics 61st Annual Meeting-The 12th International Congress of Human Genetics and the, Montreal, Canada, 11 - 15 October 2011

Metrics

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Awards

Pirim D., Young Investigator Fellowship, European Atherosclerosis Society, January 2017

Pirim D., Genç Araştırmacı Ödülü, Tıbbi Biyoloji Ve Genetik Derneği, October 2015

Pirim D., European Society Of Human Genetics Fellowship, European Society Of Human Genetics, April 2015

Pirim D., Outstanding Student Award , University Of Pittsburgh, April 2014

Pirim D., George Qi Wang Memorial Student Assistance Fund in Pharmacogenetics (\$15,000), University Of Pittsburgh, January 2012