

# Prof. BELGİN SÜSLEYİCİ

## Personal Information

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## International Researcher IDs

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Yoksis Researcher ID: 9812

## Biography

Prof. Dr. Belgin SÜSLEYİCİ was born in 11. 10.1969 İstanbul/Turkey and completed her primary education in WestGreen Primary School, London while her father was a Military Attache in London,UK. Prof. Dr. SÜSLEYİCİ completed her undergraduate education at İstanbul University, Department of Biology-Molecular Genetics, her master's degree at Marmara University Faculty of Medicine, Department of Clinical Biochemistry, and her doctorate at İstanbul University Cerrahpaşa Faculty of Medicine, Department of Medical Biology. Prof. Dr. SÜSLEYİCİ completed her post-doc at the "Center for Preventive Medicine" in Nancy, France, with the International Federation of Clinical Chemistry (IFCC) Scholarship. Dr. SÜSLEYİCİ received her Associate Professor academic title from Cerrahpaşa Faculty of Medicine Medical Biology Department in 2003. Currently she is Full-time faculty member at Marmara University Faculty of Science, Division of Biology, Department of Molecular Biology, since 2007. Prof. Dr. Belgin SÜSLEYİCİ is currently continuing her responsibilities at Marmara University as Departmental Erasmus Coordinator, Director of Marmara University Environmental Problems Application and Research Center (Aug 2015- September 2023, Director of Marmara University Molecular Metabolism Research Laboratory and Pharmacogenetics Service Unit, Founder and President of Turkish Pharmacogenomics and Personalized Therapy Society (TSPPT), ESPT (European Society for Pharmacogenetics and Personalized Therapy) member, Eu-PIC (European Pharmacogenetics Implementation Consortium) Research and Diagnostic Board member, IFSO (International Federation for Metabolic Diseases and Surgery for Obesity) International Scientific Advisory Committee Member), IFSO Integrated Health Committee Member, Vascular Endothelial Growth Factor European Genomic Federation (VEGF) Consortium Board Member, European Union Commission Research and Innovation Specialist, TOSS (Turkish Obesity Surgery Association) Board Member and Scientific Committee Chairman, Co-founder and CEO, Chairman of the Board of Gene-IST Molecular Genetic Medicine, R&D and Consultancy Services Ltd.

Having completed many international and national research projects, Prof. Dr. Belgin SÜSLEYİCİ's main scientific research areas include individualized genetic-based drug treatments (pharmacogenetics), metabolomics, transcriptomics, nutrigenomics and translational research on the molecular basis of chronic diseases (cancer/cardiovascular/psychiatric), primary cell culture studies on aging and investigation of molecular mechanisms for chronic disease, and the production of diagnostic-prognostic kits to determine individual specific drug responses. Prof. SÜSLEYİCİ has organized and chaired many National and International congresses and courses.

Prof. Dr. Belgin SÜSLEYİCİ is the Editor of Trakya University Journal of Natural Sciences (TUJNS); Member of the Editorial Board of Jacobs Journal of Obesity and Chronicals and Obesity Diagnosis and Treatment; She continues to work as a scientific editor consultant in Diabetes Science Türkiye Klinikleri Journal of Pediatrics, Hippocrates Cardiology, Frontiers in Nutrition, Trends in Endocrinology, İstanbul Bilim University Florence Nightingale Journal of Medicine and

Turkiye Klinikleri Journal of Medical Sciences. She is a member of different scientific societies such as; Turkish Biochemistry Society, Society of Biology, Vascular and Molecular Cardiology Association, International Federation of Metabolic Diseases and Obesity Surgery (IFSO), International Federation of Societies for Histochemistry and Cytochemistry, Medical Biology Association, ESPT (European Society for Pharmacogenomics and Personalized Therapy). Prof. Dr. Belgin SÜSLEYİCİ has been a reviewer in high impact factor journals such as Molecular Medicine, Molecular Pharmacology, Cell and Pharmacogenetics, and she maintains her current positions as scientific board member in reputable international journals.

Prof. Dr. Belgin SÜSLEYİCİ has been continuing her studies in the field of Omics technologies, research of molecular causes of chronic diseases and Pharmacogenomics since 2000. Prof. Dr. Belgin SÜSLEYİCİ has 67 original research articles, 24 review articles, 130 international symposium summaries in Web of Science indexed journals. She has approx. 450 citations. She gave more than 50 international speeches/conferences upon invitation.

Dr. SÜsleyici is and experienced well known scientist having completed numerous national international projects with high grants, high number of peer reviewed articles related to pharmacogenomics, disease molecular mechanisms, translational research, and an esteemed researcher owning a company located in technopark working for diagnostic/prognostic PGx kit production for personalized estimation of novel immunotherapeutic responses. She has supervised 24 MSc., PhD, and Post-Doc students in different scientific innovative topics mainly on individualized drug response for chronic diseases. She speaks fluent English, intermediate level of German and French.

## Education Information

Doctorate, Istanbul University, Istanbul Medical Faculty, Basic Medical Sciences, Turkey 1996 - 2000

Postgraduate, Marmara University, Institute for Graduate Studies in Pure and Applied Sciences, Biyokimya (YI) (Tezli), Turkey 1992 - 1995

Undergraduate, Istanbul University, Faculty Of Science, Department Of Biology, Turkey 1986 - 1991

## Foreign Languages

English, C1 Advanced

## Research Areas

Molecular Biology and Genetics, Genetic Disorders, Genetic Engineering, Molecular Biology of Cancer, Natural Sciences

## Academic Titles / Tasks

Professor, Marmara University, Faculty of Arts and Sciences, Biology, 2012 - Continues

Associate Professor, Marmara University, Faculty of Arts and Sciences, Biology, 2008 - 2012

Associate Professor, Istanbul Bilim University, School Of Medicine, Department Of Basic Medical Sciences, 2005 - 2008

Assistant Professor, Kadir Has University, Institute Of Health Sciences, Tıbbi Biyoloji Ve Genetik (YI) (Tezli), 2003 - 2005

Lecturer, Kadir Has University, Institute Of Health Sciences, Tıbbi Biyoloji Ve Genetik (YI) (Tezli), 2000 - 2003

Research Assistant, Istanbul University, Cerrahpaşa Tıp Fakültesi, Tıbbi Biyolojik Bilimler Bölümü, 1998 - 2000

## Academic and Administrative Experience

Marmara University, Faculty of Arts and Sciences, Biology, 2015 - Continues

Director of the Center, Marmara University, Rectorate, Çevre Sorunları Uygulama ve Araştırma Merkezi, 2015 - 2023

Bölüm Akademik Teşvik Değerlendirme Komisyonu Başkanı, Marmara University, Faculty of Sciences, Department of Biology, 2018 - 2020

Head of Department, Istanbul Bilim University, Tıp Fakültesi, Temel Tıp Bilimleri, 2006 - 2008

Head of Department, Kadir Has University, Tıp Fakültesi, Temel Tıp Bilimleri, 2002 - 2006

## Courses

### Doctorate

Moleküler Tanı Tekniklerinin Uygulamaları II , Doctorate, 2023 - 2024

Genotip-Fenotip İlişkisinin İncelenmesi II, Doctorate, 2023 - 2024

Metabolomikte Güncel Konular, Doctorate, 2023 - 2024

Gen Mühendisliği ve Biyoteknoloji I, Doctorate, 2023 - 2024

Gen Mühendisliği ve Biyoteknoloji II, Doctorate, 2023 - 2024

Kök Hücre Biyolojisi, Doctorate, 2023 - 2024

### Postgraduate

İleri Moleküler Araştırma Teknikleri , Postgraduate, 2023 - 2024

Biyomolekülleri Ayrımlama ve Saflaştırma Teknikleri, Postgraduate, 2023 - 2024

Kanserin Moleküler Biyolojisi, Postgraduate, 2023 - 2024

### Undergraduate

Biyokimya 1, Undergraduate, 2023 - 2024

İnsan Genetiği, Undergraduate, 2023 - 2024

Moleküler Hücre Biyolojisi-II , Undergraduate, 2023 - 2024

Genetik Mühendisliği, Undergraduate, 2023 - 2024

## Supervised Theses

SÜSLEYİCİ B., Klopidoğrel kullanan hastalarda CYP2c19 geni RS4986893 polimorfizminin klinik kardiyovasküler olaylar ile ilişkisinin araştırılması, Postgraduate, M.Ülker(Student), 2019

SÜSLEYİCİ B., Klopidoğrel'in membran bütünlüğüne olan etkisinin aml12 hepatosit hücre soyunda araştırılması, Postgraduate, D.Kutlu(Student), 2019

SÜSLEYİCİ B., Klopidoğrel kullanan hastalarda CYP2c19 geni RS4244285 polimorfizminin klinik kardiyovasküler olaylar ile ilişkisinin araştırılması, Postgraduate, Ö.Çatmaz(Student), 2019

SÜSLEYİCİ B., Varfarin farmakogenetiğinin kardiyovasküler hastalıkta incelenmesi, Postgraduate, K.Bezci(Student), 2019

SÜSLEYİCİ B., Aml12 hepatosit hücre soyunda klopidoğrel'in mitokondriyal aktiviteye olan etkisinin araştırılması, Postgraduate, M.Cahide(Student), 2019

SÜSLEYİCİ B., Koroner arter hastalarında statin farmakogenetiği, Postgraduate, E.Gezer(Student), 2019

SÜSLEYİCİ B., Aml12 hepatosit hücre soyunda klopidoğrel'in lizozomal aktiviteye olan etkisinin araştırılması, Postgraduate, E.Çarpar(Student), 2019

SÜSLEYİCİ B., Adiposit, hepatosit hücre soyları ve kokültürlerinde klopidoğrelin; CD68 gen anlatımı ve DNA hasarı üzerine etkilerinin incelenmesi, Postgraduate, E.Bayar(Student), 2018

SÜSLEYİCİ B., Glipizidin adipositlerde glikoz hemostazı ve dna hasarına etkilerinin moleküler seviyede araştırılması, Postgraduate, S.Çaker(Student), 2018

SÜSLEYİCİ B., Obezitede ran geni anlatımının adipogenez ile ilişkisinin araştırılması, Postgraduate, S.Banu(Student), 2017

SÜSLEYİCİ B., İnsüline bağımlı olmayan Diabetes Mellitus'lu hastalarda endotelial nitrik oksid sentaz (eNOS) Glu298Asp polimorfizminin araştırılması, Postgraduate, B.BAYOĞLU(Student), 2007

SÜSLEYİCİ B., Akut koroner sendrom ve kronik koroner arter hastalarında endotelial nitrik oksit sentetaz (e NOS) Glu 298-Asp polimorfizminin klinik ve biyokimyasal etkilerinin araştırılması, Postgraduate, Y.ÇEBİ(Student), 2006

SÜSLEYİCİ B., Akut koroner sendrom ve kronik koroner arter hastalarında endotelial nitrik oksid sentaz (enos) t-786c polimorfizminin klinik ve biyokimyasal etkilerinin araştırılması, Postgraduate, S.MELİL(Student), 2006

SÜSLEYİCİ B., Azospermili, oligozoospermili ve normozoospermili erkeklerde Y kromozomu mikrodelsiyonlarının polimeraz zincir reaksiyonu ile araştırılması, Postgraduate, M.ULUĞ(Student), 2004  
SÜSLEYİCİ B., Türk toplumunda apolipoprotein B geni EcoRI polimorfizminin aterosklerotik hastalarda ve sağlıklı kişilerde araştırılması, Postgraduate, A.VERTİİ(Student), 2003  
SÜSLEYİCİ B., İskemik kalp hastalarında homosistein ve metilentetrahidrofolat redüktaz (MTHFR) enzimi gen polimorfizminin rolü, Postgraduate, E.DAK(Student), 2003

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The 10th Santorini conference: Systems medicine, personalised health and therapy. "The odyssey from hope to practice: Patient first. Keep Ithaca always in your mind", Santorini, Greece, 23–26 May 2022**  
Visvikis-Siest S., Stathopoulou M. G., Sunder-Plassmann R., Alizadeh B. Z., Barouki R., Chatzaki E., Dagher G., Dedoussis G., Deloukas P., Haliassos A., et al.  
Frontiers in Genetics, vol.14, 2023 (SCI-Expanded)
- II. **Investigation of DPYD, MTHFR and TYMS polymorphisms on 5-fluorouracil related toxicities in colorectal cancer**  
Cevik M., Namal E., Sener N. D., Koksall U. I., Cagatay P., Deliorman G., Ciftci C., KARAALP A., SÜSLEYİCİ B.  
PERSONALIZED MEDICINE, vol.19, no.5, pp.435-444, 2022 (SCI-Expanded)
- III. **Investigation of Vascular Endothelial Growth Factor Polymorphisms on Risk, Metastasis, Laterality, and Prognosis of Colorectal Cancer in Turkish Subjects**  
Cevik M., Namal E., Dinc-Sener N., Iner-Koksall U., Ciftci C., Susleyici B.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.26, no.5, pp.298-306, 2022 (SCI-Expanded)
- IV. **Association of PD-1 and PDL-1 gene polymorphisms with colorectal cancer risk and prognosis**  
Cevik M., Namal E., Iner-Koksall U., Dinc-Sener N., KARAALP A., Ciftci C., SÜSLEYİCİ B.  
MOLECULAR BIOLOGY REPORTS, vol.49, no.3, pp.1827-1836, 2022 (SCI-Expanded)
- V. **The effects of glipizide on DNA damage and nuclear transport in differentiated 3T3-L1 adipocytes**  
Cevik M., Caker S., Deliorman G., Cagatay P., KOLDEMİR GÜNDÜZ M., SÜSLEYİCİ B.  
MOLECULAR BIOLOGY REPORTS, vol.49, pp.1151-1159, 2022 (SCI-Expanded)
- VI. **INVESTIGATION THE EFFECTS OF TREATMENT PLANTS ON HEAVY METAL LEVELS AND MUTAGENICITY OF WASTEWATERS**  
Dartan G., Cevik M., Aksu M. B., Can Z. S., Keskins Y., Yurdun T., Deliorman G., Süssleyici B.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.31, no.8B, pp.8952-8957, 2022 (SCI-Expanded)
- VII. **Alterations in niban gene expression as a response to stress conditions in 3T3-L1 adipocytes**  
Cevik M., KOLDEMİR GÜNDÜZ M., Deliorman G., SÜSLEYİCİ B.  
MOLECULAR BIOLOGY REPORTS, vol.47, no.12, pp.9399-9408, 2020 (SCI-Expanded)
- VIII. **Evaluation of Cytotoxicity and Mutagenicity of Wastewater from Istanbul: Data from Hospitals and Advanced Wastewater Treatment Plant**  
Cevik M., DARTAN G., Ulker M., Bezci K., Deliorman G., Cagatay P., LAÇİN T., CİNEL İ. H., Aksu B., KESKİN Y., et al.  
BULLETIN OF ENVIRONMENTAL CONTAMINATION AND TOXICOLOGY, vol.104, no.6, pp.852-857, 2020 (SCI-Expanded)
- IX. **Association of Sweet Taste Receptor Gene Polymorphisms with Dental Caries Experience in School Children**  
HAZNEDAROĞLU E., Koldemir-Gunduz M., Bakir-Coskun N., Bozkus H. M., Cagatay P., Susleyici-Duman B., Menten A.  
CARIES RESEARCH, vol.49, no.3, pp.275-281, 2015 (SCI-Expanded)
- X. **11 beta-hydroxysteroid dehydrogenase type 1 gene expression is increased in ascending aorta tissue of metabolic syndrome patients with coronary artery disease**  
Atalar F., Vural B., Ciftci C., Demirkan A., Akan G., Susleyici-Duman B., Gunay D., Akpınar B., Sagbas E., Ozbek U., et al.  
GENETICS AND MOLECULAR RESEARCH, vol.11, no.3, pp.3122-3132, 2012 (SCI-Expanded)
- XI. **FTO mRNA Expression in Extremely Obese and Type 2 Diabetic Human Omental and Subcutaneous**

## **Adipose Tissues**

Susleyici-Duman B., Zengin K., KAYHAN F. E., Koldemir M., Dagistanli F. K., Cagatay P., Ozturk M., Taskin M.  
OBESITY SURGERY, vol.21, no.11, pp.1766-1773, 2011 (SCI-Expanded)

- XII. **Heat Shock Protein Genes in Fish**  
KAYHAN F. E., Duman B.  
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.10, no.2, pp.287-293, 2010 (SCI-Expanded)
- XIII. **Genetics of obesity: Medical education Obezite Genetiği**  
Süsleyici Duman B., KAYHAN F. E., Sesal C.  
Turkiye Klinikleri Journal of Medical Sciences, vol.29, no.2, pp.520-525, 2009 (SCI-Expanded)
- XIV. **Presence of fatty-acid-binding protein 4 expression in human epicardial adipose tissue in metabolic syndrome**  
Vural B., Atalar F., Ciftci C., Demirkan A., Susleyici-Duman B., Gunay D., Akpinar B., Sagbas E., Ozbek U., Buyukdevrim A. S.  
CARDIOVASCULAR PATHOLOGY, vol.17, no.6, pp.392-398, 2008 (SCI-Expanded)
- XV. **Common Variants in the ATP-binding Cassette Transporter 1 Gene with Decreased HDL-Cholesterol Levels and Coronary Artery Disease**  
Catakoglu A. B., Duman B., Kurtoglu H., ERSÖZ M., Sener M., Celebi H., ÇAĞATAY P., Aytekin V., Aytekin S.  
ARCHIVES OF MEDICAL RESEARCH, vol.39, no.8, pp.735-742, 2008 (SCI-Expanded)
- XVI. **Association of endothelial nitric oxide synthase promoter region (T-786C) gene polymorphism with acute coronary syndrome and coronary heart disease**  
Ciftci C., Melil S., Cebi Y., Ersoz M., Cagatay P., Kilicgedik M., Duman B.  
LIPIDS IN HEALTH AND DISEASE, vol.7, 2008 (SCI-Expanded)
- XVII. **Lipoprotein lipase gene PvuII polymorphism serum lipids and risk for coronary artery disease: Meta-analysis**  
Cagatay P., Susleyici-Duman B., Ciftci C.  
DISEASE MARKERS, vol.23, no.3, pp.161-166, 2007 (SCI-Expanded)
- XVIII. **Apolipoprotein B gene variants are involved in the determination of blood glucose and lipid levels in patients with non-insulin dependent diabetes mellitus**  
Duman B., ÖZTÜRK SEZGİN M., Yilmazer S., Çağatay P., Hatemi H.  
Cell Biochemistry and Function, vol.24, no.3, pp.261-267, 2006 (SCI-Expanded)
- XIX. **DNA polymorphism of Pvu II site in the lipoprotein lipase gene in patients with non-insulin dependent diabetes mellitus**  
Duman B., Ozturk M., Yilmazer S., Cagatay P., Hatemi H.  
CELL BIOCHEMISTRY AND FUNCTION, vol.23, no.6, pp.399-404, 2005 (SCI-Expanded)
- XX. **Protective effects of a calcium channel blocker on apoptosis in thymus of neonatal STZ-diabetic rats**  
Dağistanli F. K., Duman B., ÖZTÜRK SEZGİN M.  
Acta Histochemica, vol.107, no.3, pp.207-214, 2005 (SCI-Expanded)
- XXI. **Genetic variations of the apolipoprotein B gene in Turkish patients with coronary artery disease**  
Duman B., Turkoglu C., Akpinar B., Guden M., Vertii A., Cagatay P., Gunay D., Buyukdevrim A.  
ANNALS OF HUMAN BIOLOGY, vol.32, no.5, pp.620-629, 2005 (SCI-Expanded)
- XXII. **Polymorphisms at the ligand binding site of the vitamin D receptor gene and osteomalacia**  
AK S., Kahraman H., DURSUN E., Duman B., Erensoy N., Alagöl F., Tanakol R., Yilmazer S.  
Disease Markers, vol.21, no.4, pp.191-197, 2005 (SCI-Expanded)
- XXIII. **Lipoprotein lipase gene polymorphism and lipid profile in coronary artery disease**  
Duman B., Türkoğlu Ç., Akpinar B., Guden M., Vertii A., Dak E., Çağatay P., Günay D., Büyükdevrim A. S.  
Archives of Pathology and Laboratory Medicine, vol.128, no.8, pp.869-874, 2004 (SCI-Expanded)
- XXIV. **Lack of association between vitamin D receptor gene polymorphism (BsmI) and osteomalacia**  
Kahraman H., Duman B., Alagöl F., Tanakol R., Yilmazer S.  
Journal of Bone and Mineral Metabolism, vol.22, no.1, pp.39-43, 2004 (SCI-Expanded)
- XXV. **Vitamin D receptor alleles, bone mineral density and turnover in postmenopausal osteoporotic and healthy women**

Duman B., Tanakol R., Erensoy N., Ozturk M., Yilmazer S.

MEDICAL PRINCIPLES AND PRACTICE, vol.13, no.5, pp.260-266, 2004 (SCI-Expanded)

- XXVI. **Thiols, malonaldehyde status in the Turkish and total antioxidant patients with type 2 diabetes mellitus**

Duman B., Ozturk M., Yilmazer S., Hatemi H.

TOHOKU JOURNAL OF EXPERIMENTAL MEDICINE, vol.201, no.3, pp.147-155, 2003 (SCI-Expanded)

- XXVII. **Effect of abdominal obesity on insulin resistance and the components of the metabolic syndrome: Evidence supporting obesity as the central feature**

Turkoglu C., Duman B., Gunay D., Cagatay P., Ozcan R., Buyukdevrim A.

OBESEITY SURGERY, vol.13, no.5, pp.699-705, 2003 (SCI-Expanded)

- XXVIII. **The interrelationship between insulin secretion and action in Type 2 diabetes mellitus with different degrees of obesity: Evidence supporting central obesity**

Susleyici Duman B., Turkoglu C., Gunay D., Cagatay P., Demiroglu C., Sevin Buyukdevrim A.

Diabetes, Nutrition and Metabolism - Clinical and Experimental, vol.16, no.4, pp.243-250, 2003 (SCI-Expanded)

## Articles Published in Other Journals

- I. **The effects of SNAI1 rs6125849 gene polymorphism on metastasis and survival in colorectal cancer: Preliminary results from Turkish subjects**  
Cevik M., Namal E., Sener N. D., Koxsal U. I., Deliorman G., Ciftci C., SÜSLEYİCİ B.  
GENE REPORTS, vol.24, 2021 (ESCI)
- II. **Prevalence of CYP2C19 Polymorphisms in Clopidogrel Treated Turkish Patients: Preliminary Results, 2017**  
SÜSLEYİCİ B., Ciftci C., Yurdakul S., Cevik M., Akdeniz C. S., Canbolat I. P., Deliorman G., KARAALP A.  
Current Pharmacogenomics and Personalized Medicine, vol.18, no.2, pp.116-122, 2021 (Scopus)
- III. **The effect of visfatin rs2110385 gene polymorphism over oral antidiabetic drug response**  
SÜSLEYİCİ DUMAN B., KOLDEMİR GÜNDÜZ M., KAYHAN F. E., ÇAĞATAY P., TAŞKIN M.  
Annals of Medical Research, vol.28, no.12, pp.2134, 2021 (Peer-Reviewed Journal)
- IV. **DNA Damage in AML-12 Hepatocytes and 3T3-L1 Adipocytes Treated with Clopidogrel**  
Bayar E., Cevik M., Caker S., Cagatay P., SÜSLEYİCİ B.  
CURRENT DRUG SAFETY, vol.16, no.3, pp.252-258, 2021 (ESCI)
- V. **The effects of CYP2C9 and VKORC1 gene polymorphisms on warfarin maintenance dose in Turkish cardiac patients**  
AKDENİZ C. S., ÇEVİK M., CANBOLAT İ. P., YURDAKUL S., ÇAĞATAY P., ÇİFTÇİ Ç., KARAALP A., SÜSLEYİCİ DUMAN B.  
FUTURE CARDIOLOGY, vol.16, pp.645-654, 2020 (ESCI)
- VI. **Warfarin pharmacogenetics in patients with heart valve replacement**  
Bezci K., Cevik M., Akdeniz C. S., Canbolat I. P., Yurdakul S., SÜNBÜL M., Atas H., Cagatay P., Ciftci C., KARAALP A., et al.  
GENE REPORTS, vol.20, 2020 (ESCI)
- VII. **The effects of oral antidiabetics on adipogenesis related gene expressions in 3T3-L1, AML12 cell lines and their co-cultures**  
KOLDEMİR GÜNDÜZ M., ÇEVİK M., ÇAĞATAY P., SÜSLEYİCİ DUMAN B.  
Eurasian J. Bio. Chem. Sci, vol.2, no.1, pp.29-37, 2019 (Peer-Reviewed Journal)
- VIII. **Esansiyel Hipertansiyonda Bradikinin B Reseptör Geni C-58T Polimorfizminin Total-Kolesterol ve Kan Şekeri Üzerine Etkileri**  
SÜSLEYİCİ DUMAN B., KOLDEMİR GÜNDÜZ M., ZENGİN S. Ü., ÇAĞATAY P., BOZKUŞ H. M., BAKIR N., TAŞKIN M.  
Bezmîâlem Science, vol.5, no.1, pp.7-15, 2017 (Peer-Reviewed Journal)
- IX. **Relationship of Bradykinin B-2 Receptor Gene C-58T Variation with Total-Cholesterol and Glucose in Essential Hypertension**  
SÜSLEYİCİ B., Gunduz M. K., Zengin S. U., Cagatay P., Bozkus H. M., Bakir N., Taskin M.

BEZMIALEM SCIENCE, vol.5, no.1, pp.7-15, 2017 (ESCI)

- X. **Obezitede Ran Geni Anlatımının Adipogenez ile İlişkisinin Araştırılması**  
DEMİR S. B., KOLDEMİR GÜNDÜZ M., ÇEVİK M., ÇİFTÇİ Ç., SÜSLEYİCİ DUMAN B.  
İSTANBUL BİLİM ÜNİVERSİTESİ FLORENCE NIGHTINGALE TIP DERGİSİ, vol.2, no.3, pp.201-207, 2016 (Peer-Reviewed Journal)
- XI. **Association of Sweet Taste Sensitivity and Caries Experience with BMI and Hedonic Responses**  
HAZNEDAROĞLU E., SÜSLEYİCİ DUMAN B., KOLDEMİR GÜNDÜZ M., ÇAĞATAY P., BAKIR N., BOZKUŞ H. M., EREN GİRAY F., MENTEŞ A. R.  
Gavin Journal of Dental Sciences, no.2016, pp.8-14, 2016 (Peer-Reviewed Journal)
- XII. **Kişinin Genetik Yapısına Özel Bireysel İlaç Tedavileri Farmakogenetik**  
SÜSLEYİCİ DUMAN B.  
Yeni Türkiye Dergisi Bilim ve Teknoloji Özel Sayısı III, 2016 (Peer-Reviewed Journal)
- XIII. **The Effects of Peroxiredoxin 6 Gene rs41055489 Variation on Oxidative Stress Mechanisms in Human Model Organism**  
Atasayar Ünver Z., KOLDEMİR GÜNDÜZ M., KAYHAN F. E., KAYMAK G., ZENGİN S. Ü., ÇAĞATAY P., SÜSLEYİCİ DUMAN B.  
BEZMIALEM SCIENCE, no.3, pp.37-42, 2015 (Peer-Reviewed Journal)
- XIV. **Histopathological Effects of Fluoxetine on Zebra Fish Danio Rerio Gills**  
YÖN ERTUĞ N. D., AKBULUT C., ALSARAN M., ÖZTÜRK B., KAYHAN F. E., KAYMAK G., SÜSLEYİCİ DUMAN B.  
Elixir Applied Zoology, vol.89, pp.36709-36711, 2015 (Peer-Reviewed Journal)
- XV. **The Effects of Peroxiredoxin 6 Gene rs41055498 Variation on Oxidative Stress Mechanisms in Human Model Organism**  
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9th International Molecular Biology and Biotechnology Congress, 6 - 10 December 2020
- II. **Tramadol: From CYP2D6 Pharmacogenetic Testing To Clinical Dat**  
ÇEVİK M., KARAALP A., GÜNDÜZ O. H., YAZICI G., ÇAĞATAY P., SÜSLEYİCİ DUMAN B.  
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- III. **The Efficiency of PPI Use in Turkish Patients: CYP2C19 Pharmacogenetic Testing**  
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- V. **The effects of oral antidiabetics on adipogenesis related gene expressions in 3T3-L1, AML12 cell lines and their co-cultures**  
KOLDEMİR GÜNDÜZ M., ÇEVİK M., ÇAĞATAY P., SÜSLEYİCİ DUMAN B.  
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- VI. **Implementation of Pharmacogenetics in Turkish Clinical Practice:Challenges and Opportunities**  
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- VII. **Pharmacogenetics Of Clopidogrel In Coronary Artery Disease Patients: Results From Turkish Clinical Practice**  
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- VIII. **Implementation Of Pharmacogenetics In Turkish Clinical Practice: The Example Of Dihydropyrimidine Dehydrogenase**  
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- IX. Pharmacogenetics: Implementing Personalized Medicine in Turkish Clinical Practice**  
SÜSLEYİCİ DUMAN B.  
IV. International Congress on Applied Biological Sciences, 3 - 05 May 2018
- X. Rational Drug Applications to Individuals Specific Genetic Structure: Pharmacogenetic**  
SÜSLEYİCİ DUMAN B.  
1st International Health Sciences Congress, 23 - 25 November 2017
- XI. The Effects of Glipizide and Acarbose on Obesity and Glucose Metabolism in 3T3-L1, AML12 cell lines and their co-cultures**  
KOLDEMİR GÜNDÜZ M., ÇEVİK M., ÇAĞATAY P., SÜSLEYİCİ DUMAN B.  
İVEK Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 26 - 29 April 2017
- XII. The Effects of Clopidogrel on CD68 Gene Expression in Adipocyte, Hepatocyte Cell Lines and Co-cultures**  
BAYAR E., ÇEVİK M., ÇAKER S., SÜSLEYİCİ DUMAN B.  
5th National 3rd Mediterranean Congress for the Surgery of Obesity and Metabolic Disorders, Antalya, Turkey, 12 - 15 October 2017
- XIII. Investigation Of The Effects Of Clopidogrel In AML12 Hepatocyte Cell Line Over Mitochondrial Activity. Mitochondrial Activity**  
KARABAY M. C., KUTLU D., ÇARPAR E., ÇEVİK M., SÜSLEYİCİ DUMAN B.  
5 th National amp 3 rd Mediterranean Congress for the Surgery of Obesity and Metabolic Disorders, Antalya, Turkey, 12 - 15 October 2017
- XIV. Investigation Of The Effects Of Clopidogrel In AML12 Hepatocyte Cell Line Over Lysosomal Activity**  
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- XVI. Role of genetics in the selection of surgical methods and its use as a primary treatment**  
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- XVII. The Effects of Clopidogrel on DNA damage in Adipocyte and Hepatocyte Cell Lines**  
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4th ESPT Conference. Pharmacogenomics and Personalised Medicine: Research Progress and Clinical Implementation, Catalunya, Spain, 4 - 07 October 2017
- XVIII. Investigation Of CYP2C9 2 Polymorphism In Patients With Cardiovascular Disease Using Warfarin**  
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4th ESPT Conference. Pharmacogenomics and Personalised Medicine: Research Progress and Clinical Implementation, Catalunya, Spain, 4 - 07 October 2017
- XIX. Genetic Polymorphisms of CYP3A4 1B In Patients With Coronary Artery Disease Using Statin**  
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- XX. Association Of CYP2C19 Gene rs4244285 Polymorphism With Clinical Cardiovascular Events In Patients Using Clopidogrel**  
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- XXI. **National drug applications to individual specific genetic structure:Pharmacogenetics**  
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- XXII. **Glipizidin Adipositlerde Glikoz Hemostazı ve Programlı Hücre Ölümüne Etkilerinin Moleküler Seviyede Araştırılması**  
ÇAKER S., ÇEVİK M., KOLDEMİR GÜNDÜZ M., BAYAR E., SÜSLEYİCİ DUMAN B.  
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- XXIII. **Effects of metformin on oxidative stress parameters in 3T3-L1 adipocytes by iCELLigence system**  
GÜNDÜZ KOLDEMİR M., ÇEVİK M., ÇAĞATAY P., SÜSLEYİCİ DUMAN B.  
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- XXIV. **The effect of glipizide and acarbose on obesity and glucose metabolism in 3T3-L1, AML12 cell lines and their co-cultures**  
KOLDEMİR GÜNDÜZ M., Çevik M., ÇAĞATAY P., SÜSLEYİCİ DUMAN B.  
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- XXVI. **Farmakogenetiğin ve nütrigenetiğin obezite cerrahisindeki rolü ve gelecek/obezite cerrahisinde güncel farmakogenetik ve nütrigenetik yaklaşımlar**  
SÜSLEYİCİ DUMAN B.  
Cerrahpaşa cerrahi toplantıları-Türk obezite cerrahisi derneği 2.kış okulu, Turkey, 27 - 28 January 2017
- XXVII. **BARX1 is down regulated in children with non syndromic supernumerary teeth**  
MENTEŞ A. R., PEKEL B., ÇEVİK M., KOLDEMİR GÜNDÜZ M., SÜSLEYİCİ DUMAN B.  
the Ninth International Symposium on Dental Enamel: "Enamel 9", 30 October - 03 November 2016
- XXVIII. **Pharmacogenomics and Pharmacomicrobiomics in Precision Medicine**  
SÜSLEYİCİ DUMAN B.  
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- XXIX. **Personalized Medicine Pharmacotherapy Pharmacogenetics**  
SÜSLEYİCİ DUMAN B.  
International Conference on Science and Technology, Turkey, 3 - 06 October 2016
- XXX. **Yeni Teknolojiler Işığında Bireye Özgü İlaç Tedaviler Farmokogenetik Yaklaşım**  
SÜSLEYİCİ DUMAN B.  
GLAB Açılış Toplantısı, Turkey, 26 September 2016
- XXXI. **Implementation of Pharmacogenomics in Turkey**  
SÜSLEYİCİ DUMAN B.  
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- XXXII. **Investigatio of Gain Loss Deletion of Genomic Copy Number Variant in Children with Non syndromic Supernumerary Teeth**  
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- XXXIII. **Investigation of Gain Loss Deletion of Genomic Copy Number Variants in Children with Non syndromic Supernumerary Teeth**  
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TMD 2016, 13 - 18 June 2016
- XXXIV. **Obezite İlişkili Hastalıkların Bireye Özgü Tedavisinde Yeni Boyut Farmakogenetik**  
SÜSLEYİCİ DUMAN B.  
ULUSAL MOLEKÜLER TIP SEMPOZYUMU, Turkey, 1 - 03 June 2016
- XXXV. **Innovations in Pharmacogenomics and Individualized Treatments**  
SÜSLEYİCİ DUMAN B.

Tıpta İnovasyon Buluşmaları-2, Gaziantep, Turkey, 5 - 07 May 2016

- XXXVI. **The Effects of Oral Antidiabetic Drug Metformin on Liver Metabolism by Real Time Cell Monitoring System**  
KOLDEMİR GÜNDÜZ M., ZENGİN S. Ü., TAŞKIN M., SÜSLEYİCİ DUMAN B.  
20th WORLD CONGRESS OF THE IFSO, Austria, 1 - 02 May 2016
- XXXVII. **Öngörüşel Tıp Uygulamasında Farmakogenetik**  
SÜSLEYİCİ DUMAN B.  
XII İÜGEN Uluslararası Katılımlı Moleküler Biyoloji ve Genetik Kış Okulu, 4 - 06 March 2016
- XXXVIII. **Effects of Fluoxetine HCl on AML 12 Hepatocytes Proliferation by iCELLigence System**  
KOLDEMİR GÜNDÜZ M., ÇEVİK M., KAYMAK G., TARTAR Ş., ESMER H. E., KAYHAN F. E., SÜSLEYİCİ DUMAN B.  
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- XXXIX. **The effects of stem cell therapy on CD68 FTO and RAN expression in fructose induced metabolic syndrome rat model for personalized therapy**  
KOLDEMİR GÜNDÜZ M., ÇEVİK M., AKIN D., BEYHAN ÖZDAŞ Ş., DEMİRCAN G., ÇİFTÇİ Ç., SÜSLEYİCİ DUMAN B.  
1st Pharmacogenomics İstanbul Summit: Increasing the Safety and Effectiveness of Personalized therapy for Metabolic Disorders, Turkey, 27 - 28 November 2015
- XL. **Is mesenchymal stem cell therapy suitable for reducing insulin resistance in fructose induced metabolic syndrome rat model**  
BEYHAN ÖZDAŞ Ş., AKIN D., DEMİRCAN G., YAPIŞLAR H., KETENCİ S., KOLDEMİR GÜNDÜZ M., ÇEVİK M., ÇİFTÇİ Ç., SÜSLEYİCİ DUMAN B.  
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- XLI. **The role of Apolipoprotein B polymorphisms in essential hypertension**  
ÇEVİK M., KOLDEMİR GÜNDÜZ M., ÇAĞATAY P., ÇİFTÇİ Ç., SÜSLEYİCİ DUMAN B.  
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- XLII. **The effects of glipizide on adipogenesis related gene expressions by using impedance cell based label free technology in mature adipocytes**  
KOLDEMİR GÜNDÜZ M., SÜSLEYİCİ DUMAN B.  
3rd ESPT Conference. Integration of Pharmacogenomics in Clinical Decision Support, Hungary, 7 - 09 October 2015
- XLIII. **The effects of cytotoxic agents over NIBAN gene expression and 3T3 L1 adipocyte proliferation**  
ÇEVİK M., KOLDEMİR GÜNDÜZ M., SÜSLEYİCİ DUMAN B.  
3rd ESPT Conference. Integration of Pharmacogenomics in Clinical Decision Support, Hungary, 7 - 09 October 2015
- XLIV. **The effects of oral antidiabetic drug metformin on liver metabolism by real time cell monitoring system**  
KOLDEMİR GÜNDÜZ M., ZENGİN S. Ü., TAŞKIN M., SÜSLEYİCİ DUMAN B.  
IFSO 20th World Congress. 20th World Congress of International Federation for the Surgery of Obesity&Metabolic Disorders, Austria, 26 - 29 August 2015
- XLV. **The effects of oral antidiabetic drug glipizide on liver metabolism by real time cell monitoring system**  
KOLDEMİR GÜNDÜZ M., SÜSLEYİCİ DUMAN B.  
International Symposium on Advances in Predictive and Personalized Medicine "Bridging Nations in Istanbul: Personalized and Predictive Medicine in Turkey, Turkey, 2 - 03 April 2015
- XLVI. **The Effects of Oxidative Stress Agents on FTO and CD68 gene expressions and free radical production in 3T3 L1 Adipocytes**  
KOLDEMİR GÜNDÜZ M., ÇEVİK M., ÇAĞATAY P., AYDIN A., SÜSLEYİCİ DUMAN B.  
International Symposium on Advances in Predictive and Personalized Medicine "Bridging Nations in Istanbul: Personalized and Predictive Medicine in Turkey, Turkey, 2 - 03 April 2015
- XLVII. **Investigation of Association with TAS1R3 Gene rs307355 Polymorphism and Sweet Taste Perception in School Children**  
Bakır N., HAZNEDAROĞLU E., KOLDEMİR GÜNDÜZ M., ÇAĞATAY P., MENTEŞ A. R., SÜSLEYİCİ DUMAN B.

2st International Congress of the Molecular Biology Association of Turkey 2013, 22 - 23 November 2013

**XLVIII. Association of endothelial nitric oxide synthase promoter region T 786C gene polymorphism with acute coronary syndrome and coronary heart disease**

ÇİFTÇİ Ç., MELİL S., ÇEBİ Y., ERSÖZ M., ÇAĞATAY P., KILIÇGEDİK M., SÜSLEYİCİ DUMAN B.

Lipids in Health and Disease, 15 September 2028 - 18 September 2027, vol.7

## **Supported Projects**

Süsleyici B., Akdeniz C. S., Karaalp A., Yurdakul S., Çevik M., Çiftçi Ç., Project Supported by Other Private Institutions, Design of antidotes to prevent plaque formation in primary cultures of diabetic patients with coronary atherosclerosis and investigation of therapeutic effects, 2022 - 2024

Süsleyici B., Çevik M., Project Supported by Other Official Institutions, INVESTIGATION OF MOLECULAR BACKGROUND DIFFERENCES IN METASTASIS FORMATION AND THERAPEUTIC RESPONSE IN PATIENTS WITH COLORECTAL ADENOCARCINOMA, 2018 - 2022

Süsleyici B., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Strategic Pharmacogenetics Project for Individualized Rational Drug Use in Turkey, 2017 - 2018

Süsleyici B., Chamber / Union / Professional Association, 8. The Roles of Adipocyte and Macrophage Products and/or the Proteomes They Secrete in the Pathogenesis of Metabolic Syndrome. Approach in Terms of Molecular Genetics, 2004 - 2005

Süsleyici B., EU Supported Other Project, ApoE Genotyping in a Turkish Study Population with NIDDM-postdoc project, 2000 - 2001

## **Metrics**

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