

## Prof. FEZAN MUTLU

### Personal Information

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### International Researcher IDs

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ScopusID: 23018939500

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### Education Information

Associate Degree, Anadolu University, Açıköğretim Fakültesi, Hukuk Bölümü (Aöf), Turkey 2017 - 2020

Doctorate, Eskişehir Osmangazi University, TIP FAKÜLTESİ, TEMEL TIP BİLİMLERİ BÖLÜMÜ, Turkey 1994 - 1999

Postgraduate, Anadolu University, Sağlık Bilimleri Enstitüsü, Temel Tıp Bölümü, Turkey 1990 - 1993

Undergraduate, Anadolu University, Fen Fakültesi, İstatistik Bölümü, Turkey 1985 - 1989

### Dissertations

Doctorate, Meta analizinin tıpta kullanımı ve bir uygulama, Eskişehir Osmangazi University, TIP FAKÜLTESİ, TEMEL TIP BİLİMLERİ BÖLÜMÜ, 1999

Postgraduate, Jackknife ve Bootstrap parametre tahmin yöntemlerinin etkinliğinin araştırılması, Anadolu University, Tıp Fakültesi, Temel Tıp Bilimleri, 1993

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biostatistics and Medical Informatics

### Courses

Doktora Tez Çalışması(B), Doctorate, 2022 - 2023

Doktora Seminer, Doctorate, 2022 - 2023

Klinik Denemeler II, Doctorate, 2021 - 2022

Biyoistatistik ve Bilgisayar (Diş Hekimliği), Undergraduate, 2020 - 2021

Araştırma Teknikleri ve Sunum (Diş Hekimliği), Undergraduate, 2020 - 2021

Uzmanlık Alan Dersi, Postgraduate, 2008 - 2009

Biyoistatistik (Tıp Fakültesi), Undergraduate, 2002 - 2003

### Advising Theses

Mutlu F., Yapay Sinir Ağı Faktör Analizi Hibrit Modeli ile Yapay Sinir Ağı Modellerinin Sınıflama Başarılarının Karşılaştırılması, Doctorate, D.TEZER(Student), Continues

Mutlu F., Makine öğrenmesi sınıflama algoritmalarıyla kalp yetersizliği mortalitesinin tahminlenmesi, Doctorate, U.ÖMER(Student), 2021

Mutlu F., İstatistiksel daraltıcı yöntemlerden ridge regresyon, lasso regresyon ve elastik net regresyonun tahminleme ve sınıflandırma performanslarının karşılaştırılması, Postgraduate, G.SEVER(Student), 2021

Mutlu F., Gail modeli ile makine öğrenmesi algoritmalarının meme kanseri risk değerlendirmesinde karşılaştırılması, Postgraduate, B.PARÇALI(Student), 2020

Mutlu F., EEG sinyallerinin wavelet yöntemiyle dönüştürülerek yapay sinir ağları ile sınıflandırılması, Postgraduate, E.GÜL(Student), 2018

Mutlu F., Görüntü işleme ve analizinin tıpta kullanımı ve bir uygulama, Postgraduate, U.ÖMER(Student), 2016

## Jury Memberships

Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Eskişehir Osmangazi Üniversitesi, December, 2023

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, December, 2022

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, October, 2022

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, June, 2022

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Eskişehir Osmangazi Üniversitesi, January, 2022

Post Graduate, Post Graduate, Eskişehir Osmangazi Üniversitesi, October, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, June, 2021

Associate Professor Exam, Associate Professor Exam, Eskişehir Osmangazi Üniversitesi, May, 2021

Doctoral Examination, Doctoral Examination, Eskişehir Osmangazi Üniversitesi, April, 2021

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Eskişehir Osmangazi Üniversitesi, January, 2021

Post Graduate, Post Graduate, Eskişehir Osmangazi Üniversitesi, December, 2020

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

- I. **MTHFR 677 C > T Gene Polymorphism is Associated with Large for Gestational Age Infants**  
AKCILAR R., Yalınbaş E. E., MUTLU F.  
Fetal and Pediatric Pathology, vol.43, no.3, pp.234-245, 2024 (SCI-Expanded)
- II. **SARCOPENIA, AND CHRONIC PAIN IN PATIENTS WITH PSEUDOEXFOLIATION SYNDROME**  
BAKILAN F., KAĞAN N., ORTANCA B., ARMAĞAN O., Sariçimen G., MUTLU F., Yildirim N.  
Turk Geriatri Dergisi, vol.27, no.1, pp.98-107, 2024 (SCI-Expanded)
- III. **Evaluation of the Relationship between Static Balance and Mental Fatigue in Healthy Adults: Preliminary Study**  
Ercan Yıldız S., GÜRSES E., Yığıt O., MUTLU F., Genc G. A.  
Journal of Motor Behavior, vol.56, no.4, pp.417-427, 2024 (SCI-Expanded)
- IV. **Febrile convulsion knowledge scale for parents/caregivers: A validity and reliability study**  
Toksoz F., AÇIKGÖZ A., MUTLU F., Sayik D.  
Journal of Pediatric Nursing, vol.73, 2023 (SCI-Expanded)
- V. **Investigation of long-term COVID-19 patients' quality of life and affecting factors: Data from single COVID-19 follow-up center**

Ucan A, Guven S, MUTLU F., Bakilan F., Bildirici Y.

NIGERIAN JOURNAL OF CLINICAL PRACTICE, vol.26, no.3, pp.287-293, 2023 (SCI-Expanded)

- VI. **Assessment of Cerebral Arterial Flow Volume Changes with Carotid Vertebral Artery Duplex Doppler Ultrasound in Young-Middle-aged Subclinical Hashimoto Thyroiditis Patients**  
Aksu Y., Kahveci S., Tiryaki Ş., Şahin M., MUTLU F.  
Current medical imaging, vol.19, no.7, pp.756-763, 2023 (SCI-Expanded)
- VII. **Single nucleotide polymorphisms in 5-HT receptors in the etiology of premature ejaculation Polimorfismos de nucleótido único en receptores 5-HT en la etiología de la eyaculación precoz**  
Sonkurt M. D., GÜLEÇ G., Coşan D., ÇALIŞ İ. U., MUTLU F., ÜRE İ., Sonkurt H. O.  
Revista Internacional de Andrologia, vol.20, no.4, pp.217-224, 2022 (SCI-Expanded)
- VIII. **Musculoskeletal symptoms and related factors in postacute COVID-19 patients**  
Bakilan F., Gökmen İ. G., Ortanca B., Uçan A., Eker Güvenç Ş., Şahin Mutlu F., Gökmen H. M., Ekim A.  
INTERNATIONAL JOURNAL OF CLINICAL PRACTICE, vol.75, no.11, 2021 (SCI-Expanded)
- IX. **An Enriched Environment Leads to Increased Synaptic Plasticity-Associated miRNA Levels after Experimental Subarachnoid Hemorrhage**  
Ergen F. B., Cosan D., Kandemir T., Dag İ., Mutlu F., Cosan T. E.  
JOURNAL OF STROKE & CEREBROVASCULAR DISEASES, no.6, 2021 (SCI-Expanded)
- X. **THE RELATIONSHIP BETWEEN CHRONIC MUSCULOSKELETAL PAIN, QUALITY OF LIFE AND SARCOPENIA**  
Bakilan F., ÖZGEN M., Ortanca B., Ekim A., ARMAĞAN O., Taşcıoğlu Berkan F., Şahin Mutlu F.  
TURKISH JOURNAL OF GERIATRICS-TURK GERIATRI DERGISI, vol.24, no.1, pp.60-70, 2021 (SCI-Expanded)
- XI. **Association of Nicotine Use Disorder with Neuroxin 3 Gene Polymorphisms**  
Güleç G., Turgut Coşan D., Mutlu F., Çalış İ. U., Danişman Sonkurt M., Köşger F., Eşsizoglu A.  
Türk Psikiyatri Dergisi, vol.32, no.3, pp.160-166, 2021 (SSCI)
- XII. **THE EFFECT OF COVID-19 PANDEMIC ON SARCOPENIA, QUALITY OF LIFE AND PAIN: A ONE-YEAR FOLLOW-UP STUDY**  
Bakilan F., ÖZGEN M., Ortanca B., ARMAĞAN O., Ekim A., Berkan F. T., Mutlu F.  
TURKISH JOURNAL OF GERIATRICS-TURK GERIATRI DERGISI, vol.24, no.3, pp.330-341, 2021 (SCI-Expanded)
- XIII. **Rehabilitation cost share and cost analysis of traumatic hand injuries: Our single-center results**  
Özgen M., Aydoğan A. M., Uygur A., Armağan O., Berkan F., Mutlu F.  
TURKISH JOURNAL OF PHYSICAL MEDICINE AND REHABILITATION, vol.67, no.3, pp.308-314, 2021 (SCI-Expanded)
- XIV. **Genetic variation in NOD1/CARD4 and NOD2/CARD15 immune sensors and risk of osteoporosis**  
Soyocak A., Özgen M., Turgut Coşan D., Kurt H., Doganer F., Armağan O., Değirmenci İ., Mutlu F.  
BIOSCIENCE REPORTS, vol.40, 2020 (SCI-Expanded)
- XV. **Tannic acid exhibits anti-inflammatory effects on formalin-induced paw edema model of inflammation in rats**  
Soyocak A., Kurt H., Turgut Coşan D., Saydam F., Calis I. U., Kolac U. K., Koroglu Z., Değirmenci İ., Mutlu F., Gunes H.  
HUMAN & EXPERIMENTAL TOXICOLOGY, vol.38, no.11, pp.1296-1301, 2019 (SCI-Expanded)
- XVI. **Is there any association between osteoporotic vertebral fracture and vitamin K epoxide reductase complex subunit-1 polymorphism in Turkish society? A pilot study**  
ÖZGEN M., TURGUT COŞAN D., Doganer F., Soyocak A., ARMAĞAN O., Kuzgun S., Aydoğan A. M., Gunes H. V., DEĞİRMENCİ İ., MUTLU F.  
CLINICS, vol.74, 2019 (SCI-Expanded)
- XVII. **The distribution of MEFV mutations in Turkish FMF patient multicenter study representing results of anatolia**  
Yasar Bilge N. Ş., Sari I., Solmaz D., Senel S., Emmungil H., KILIÇ L., Yilmaz Oner S., Yildiz F., Yilmaz S., Ersozlu Bozkirli D., et al.  
Turkish Journal of Medical Sciences, vol.49, no.2, pp.472-477, 2019 (SCI-Expanded)
- XVIII. **Comparison of Different Environmental Conditions in the Follow-up of Subarachnoid Haemorrhage: An Experimental Rat Study**

- Kandemir T., Ergen F. B., TURGUT COŞAN D., MUTLU F., ÖZBEK Z., COŞAN T. E.  
TURKISH NEUROSURGERY, vol.29, no.5, pp.651-657, 2019 (SCI-Expanded)
- XIX. **Predictors of new-onset atrial fibrillation in elderly patients with acute coronary syndrome undergoing percutaneous coronary intervention**  
ULUS T., Isgandarov K., Yilmaz A. S., Vasi I., Moghanchizadeh S. H., MUTLU F.  
AGING CLINICAL AND EXPERIMENTAL RESEARCH, vol.30, no.12, pp.1475-1482, 2018 (SCI-Expanded)
- XX. **Monocyte to High-Density Lipoprotein Ratio Predicts Contrast-Induced Nephropathy in Patients With Acute Coronary Syndrome**  
ULUS T., Isgandarov K., Yilmaz A. S., Uysal S., Vasi I., Dural M., MUTLU F.  
ANGIOLOGY, vol.69, no.10, pp.909-916, 2018 (SCI-Expanded)
- XXI. **The Effect of Chronic Cigarette Use on Cognitive Function**  
GÜLEÇ G., Akarsu O., Mutlu Sahin F., Essizoglu A., KÖŞGER F., Sezer E., Sonkurt H. O.  
TURK PSIKIYATRI DERGISI, vol.29, no.3, 2018 (SSCI)
- XXII. **COMPARISON OF DIFFERENT ENVIRONMENTAL CONDITIONS IN THE FOLLOW-UP OF SUBARACHNOID HEMORRHAGE: An Experimental Rat Study.**  
Kandemir T., Ergen F. B., Cosan D., Mutlu F., Özbek Z., Coşan T. E.  
Turkish neurosurgery, 2018 (SCI-Expanded)
- XXIII. **Comparison of early versus late onset familial mediterranean fever**  
Yasar Bilge N. Ş., Sari I., Solmaz D., Senel S., Emmungil H., KILIÇ L., Yilmaz Oner S., Yildiz F., Yilmaz S., Ersozlu Bozkirli D., et al.  
International Journal of Rheumatic Diseases, vol.21, no.4, pp.880-884, 2018 (SCI-Expanded)
- XXIV. **DEPRESSIVE SYMPTOMS IN PATIENTS WITH STROKE AND THEIR CAREGIVERS**  
ÖZGEN M., Bakilan F., BERKAN F., ARMAĞAN O., MUTLU F.  
TURKISH JOURNAL OF GERIATRICS-TURK GERIATRI DERGISI, vol.21, no.3, pp.410-418, 2018 (SCI-Expanded)
- XXV. **Effects of S1P1 and S1P3 in ER+ and ER- Breast Cancer Cells**  
ÇALIŞ İ. U., TURGUT COŞAN D., MUTLU F.  
ANTICANCER RESEARCH, vol.37, no.10, pp.5469-5475, 2017 (SCI-Expanded)
- XXVI. **Identifying Risk Factors for rt-PA-related Intracerebral Hemorrhages in Patients with Acute Stroke**  
Eryildiz E. S., ÖZDEMİR A. Ö., Bas D. F., MUTLU F.  
JOURNAL OF NEUROLOGICAL SCIENCES-TURKISH, vol.34, no.4, pp.301-311, 2017 (SCI-Expanded)
- XXVII. **Evaluation of the effects of epidural bupivacaine on coagulation system by using thromboelastometry in women with gynecologic malignancies**  
Ceyhan D., Andie N., Akay O. M., Bilir A., Mutlu F.  
European Journal of Gynaecological Oncology, vol.38, no.5, pp.760-763, 2017 (SCI-Expanded)
- XXVIII. **Effects of ivabradine and beta-blocker therapy on dobutamine-induced ventricular arrhythmias**  
Mert K. U., Mert G. Ö., Morrad B., Tahmazov S., Mutlu F., Çavuşoğlu Y.  
KARDIOLOGIA POLSKA, vol.75, no.8, pp.786-793, 2017 (SCI-Expanded)
- XXIX. **The Effects of Monosodium Glutamate and Tannic Acid on Adult Rats**  
ÇALIŞ İ. U., TURGUT COŞAN D., SAYDAM F., Kolac U. K., Soyocak A., KURT H., Gunes H. V., ŞAHİNTÜRK V., MUTLU F., ÖZDEMİR KÖROĞLU Z., et al.  
IRANIAN RED CRESCENT MEDICAL JOURNAL, vol.18, no.10, 2016 (SCI-Expanded)
- XXX. **Do probiotics have a role in the treatment of allergic rhinitis? A comprehensive systematic review and meta-analysis**  
Guvenc I. A., MULUK N. B., MUTLU F., EŞKİ E., Altintoprak N., Oktemer T., CİNGİ C.  
AMERICAN JOURNAL OF RHINOLOGY & ALLERGY, vol.30, no.5, 2016 (SCI-Expanded)
- XXXI. **The role of methotrexate and low-dose prednisolone on adiponectine levels and insulin resistance in patients with rheumatoid arthritis naïve to disease-modifying antirheumatic drugs**  
Bilge N. Ş., KAŞIFOĞLU N., KAŞIFOĞLU T., Sahin F., Gonullu E., KORKMAZ C.  
International Journal of Rheumatic Diseases, vol.19, no.7, pp.665-671, 2016 (SCI-Expanded)
- XXXII. **Potential antithrombotic effects of bupivacaine in malignancies: An in vitro assesment using thromboelastography**

- Bilir B. A., Akay M. O., Ceyhan D., Mutlu F.  
Indian Journal of Pharmaceutical Sciences, vol.78, no.4, pp.552-556, 2016 (SCI-Expanded)
- XXXIII. **Risk factors for malignancy in systemic sclerosis patients**  
Kasifoglu T., Bilge S. Y., Yildiz F., Ozen G., Pehlivan Y., Yilmaz N., Tarhan F., Yilmaz S., Kucuk A., Emmungil H., et al.  
CLINICAL RHEUMATOLOGY, vol.35, no.6, pp.1529-1533, 2016 (SCI-Expanded)
- XXXIV. **Intraocular Pressure Changes During Oral Glucose Tolerance Tests in Diabetic and Non-diabetic Individuals.**  
Yildiz P., Kebapci M. N., Mutlu F., Yasar S., GURSOY H. H., YILDIRIM N.  
Experimental and clinical endocrinology & diabetes : official journal, German Society of Endocrinology [and] German Diabetes Association, vol.124, no.6, pp.385-8, 2016 (SCI-Expanded)
- XXXV. **Platelet Dysfunction in Patients with Chronic Myeloid Leukemia: Does Imatinib Mesylate Improve It?**  
Akay O. M., MUTLU F., Gulbas Z.  
TURKISH JOURNAL OF HEMATOLOGY, vol.33, no.2, pp.127-130, 2016 (SCI-Expanded)
- XXXVI. **Micro RNA-126 coordinates cell behavior and signaling cascades according to characteristics of breast cancer cells**  
TURGUT COŞAN D., Oner C., Sahin M. F.  
BRATISLAVA MEDICAL JOURNAL-BRATISLAVSKE LEKARSKE LISTY, vol.117, no.11, pp.639-647, 2016 (SCI-Expanded)
- XXXVII. **Ivabradine treatment prevents dobutamine-induced increase in heart rate in patients with acute decompensated heart failure**  
ÇAVUŞOĞLU Y., Mert U., Nadir A., MUTLU F., Morrad B., ULUS T.  
JOURNAL OF CARDIOVASCULAR MEDICINE, vol.16, no.9, pp.603-609, 2015 (SCI-Expanded)
- XXXVIII. **Carotid intima-media thickness and elastic properties of aortas in normotensive children of hypertensive parents**  
Yildirim A., Kosger P., Ozdemir G., Sahin F., UÇAR B., Kilic Z.  
HYPERTENSION RESEARCH, vol.38, no.9, pp.621-626, 2015 (SCI-Expanded)
- XXXIX. **Ischemia-modified albumin levels in patients with acute decompensated heart failure treated with dobutamine or levosimendan: IMA-HF study**  
ÇAVUŞOĞLU Y., Korkmaz S., DEMİRTAŞ S., Gencer E., Sasmaz H., MUTLU F., GÜNEŞ H., Mert U. K., Ozdemir S., Kalayci S., et al.  
ANATOLIAN JOURNAL OF CARDIOLOGY, vol.15, no.8, pp.611-617, 2015 (SCI-Expanded)
- XL. **Updating the role played by immunotherapy for allergic rhinitis: meta-analysis**  
CİNGİ C., MULUK N. B., Hanci D., Ulusoy S., Sahin F.  
INTERNATIONAL FORUM OF ALLERGY & RHINOLOGY, vol.5, no.2, pp.132-142, 2015 (SCI-Expanded)
- XLI. **The Evaluation of Hydroxyethyl Starch (6% HES 130/0.4) Solution's Potential Preventive Effects on Coagulation Status in Women with Gynecologic Malignancies Using Rotation Thromboelastography**  
Akay M. O., BİLİR A., ÖGE T., Kus G., MUTLU F.  
TURKISH JOURNAL OF HEMATOLOGY, vol.31, no.3, pp.261-265, 2014 (SCI-Expanded)
- XLII. **Amyloidosis and its related factors in Turkish patients with familial Mediterranean fever: a multicentre study**  
KAŞIFOĞLU T., Bilge S. Y., Sari I., Solmaz D., Senel S., Emmungil H., KILIÇ L., Oner S. Y., Yildiz F., Yilmaz S., et al.  
RHEUMATOLOGY, vol.53, no.4, pp.741-745, 2014 (SCI-Expanded)
- XLIII. **BCL2, BCL6, IGH, TP53, and MYC protein expression and gene rearrangements as prognostic markers in diffuse large B-cell lymphoma: a study of 44 Turkish patients**  
Akay O. M. I., Durak Aras B., Işıksoy S., Toprak C., Mutlu F., Artan S., Oner U., Gulbas Z.  
CANCER GENETICS, vol.207, pp.87-93, 2014 (SCI-Expanded)
- XLIV. **Frequency and determinants of urogenital symptoms in postmenopausal Islamic women**  
Aydin Y., Hassa H., ÖGE T., YALÇIN Ö. T., MUTLU F.  
MENOPAUSE-THE JOURNAL OF THE NORTH AMERICAN MENOPAUSE SOCIETY, vol.21, no.2, pp.182-187, 2014 (SCI-Expanded)
- XLV. **Early versus delayed oral feeding after cesarean delivery under different anesthetic methods - a**

**randomized controlled trial Anesthesia, feeding in cesarean delivery**

Aydin Y., Altunyurt S., ÖGE T., Sahin F.

GINEKOLOGIA POLSKA, vol.85, no.11, pp.815-822, 2014 (SCI-Expanded)

- XLVI. **Cardiovascular involvement in patients with pseudoexfoliation syndrome**  
ULUS T., Nadir A., Yaz Y. A., ÖZDEMİR A. Ö., MUTLU F., Yazici H. U., ÇAVUŞOĞLU Y., YILDIRIM N.  
JOURNAL OF CARDIOVASCULAR MEDICINE, vol.14, no.8, pp.587-592, 2013 (SCI-Expanded)
- XLVII. **The role of flow cytometry in the diagnosis of non-Hodgkin's lymphoma, Hodgkin's lymphoma, granulomatous inflammation and reactive lymph node specimens**  
Gunduz E., Celebioglu M., Akay O. M., Teke H., Mutlu F., Gulbas Z.  
JOURNAL OF BUON, vol.18, no.3, pp.739-745, 2013 (SCI-Expanded)
- XLVIII. **Thrombelastographic evaluation of the influence of 2-RBC apheresis on donor's coagulation system**  
Akay O. M., Karagulle M., Kus G., MUTLU F., GÜNDÜZ E.  
TRANSFUSION AND APHERESIS SCIENCE, vol.48, no.3, pp.387-390, 2013 (SCI-Expanded)
- XLIX. **Relationship between oxidative stress and clinical pregnancy in assisted reproductive technology treatment cycles**  
Aydin Y., Ozatik O., Hassa H., Ulusoy D., Ogut S., Sahin F.  
JOURNAL OF ASSISTED REPRODUCTION AND GENETICS, vol.30, no.6, pp.765-772, 2013 (SCI-Expanded)
- L. **Clinical Significance of Reticulocyte Hemoglobin Content in the Diagnosis of Iron Deficiency Anemia**  
Karagulle M., GÜNDÜZ E., MUTLU F., Akay M. O.  
TURKISH JOURNAL OF HEMATOLOGY, vol.30, no.2, pp.153-156, 2013 (SCI-Expanded)
- LI. **The Association Between Development and Progression of Multinodular Goiter and Thyroid-Stimulating Hormone Receptor Gene D727E and P52T Polymorphisms**  
Bayram B., Sonmez R., BOZARI S., ÖNLÜ H., Turkoglu Z., MUTLU F.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.17, no.2, pp.109-114, 2013 (SCI-Expanded)
- LII. **Meta Analysis of Studies about Breast Self Examination between 2000-2009 in Turkey**  
ERGİN A., ŞAHİN N., Sahin F., ŞİMŞEK YABAN Z., Acar Z., Bektas H.  
ASIAN PACIFIC JOURNAL OF CANCER PREVENTION, vol.13, no.7, pp.3389-3397, 2012 (SCI-Expanded)
- LIII. **Relationship between plasminogen activator inhibitor type-1 (PAI-1) gene polymorphisms and osteoporosis in Turkish women**  
ÖZGEN M., TURGUT COŞAN D., Doganer F., Soyocak A., ARMAĞAN O., Gunes H. V., DEĞİRMENCİ İ., Ozkara G. O., MUTLU F.  
CLINICS, vol.67, no.11, pp.1299-1302, 2012 (SCI-Expanded)
- LIV. **Comparison of Semiparametric, Parametric, and Nonparametric ROC Analysis for Continuous Diagnostic Tests Using a Simulation Study and Acute Coronary Syndrome Data**  
ÇOLAK E., MUTLU F., BAL C., Oner S., Ozdamar K., Gok B., ÇAVUŞOĞLU Y.  
COMPUTATIONAL AND MATHEMATICAL METHODS IN MEDICINE, 2012 (SCI-Expanded)
- LV. **Lack of association between plasminogen activator inhibitor type-1 (PAI-1) gene 4G/5G polymorphism and osteoarthritis**  
Bayram B., Sayin E., ERKASAP N., ÖNLÜ H., Ozkurt M., Sahin F., Turkoglu Z.  
RHEUMATOLOGY INTERNATIONAL, vol.32, no.1, pp.259-262, 2012 (SCI-Expanded)
- LVI. **An Investigation Into the Relationship Between Taq1 and Apa1 Polymorphisms of the Vitamin D Receptor Gene and the Development of Osteoarthritis**  
Bayram B., Sayin B. E., Turkoglu Z., Sofuoglu S., Sahin F.  
TURKISH JOURNAL OF RHEUMATOLOGY, vol.26, no.4, pp.303-307, 2011 (SCI-Expanded)
- LVII. **Association of angiotensin converting enzyme (ACE) gene I/D polymorphism and polycystic ovary syndrome (PCOS)**  
Bayram B., Kilicci C., ÖNLÜ H., Ozkurt M., ERKASAP N., YILDIRIM E., Sahin F.  
GENE, vol.489, no.2, pp.86-88, 2011 (SCI-Expanded)
- LVIII. **Erythropoietin Improves the Healing of Skin Necrosis Resulting From Doxorubicin Extravasation in a Rat Model**  
Bilge N. S. Y., DÜNDAR E., MUTLU F., Gulbas Z.

CURRENT THERAPEUTIC RESEARCH-CLINICAL AND EXPERIMENTAL, vol.72, no.4, pp.141-149, 2011 (SCI-Expanded)

- LIX. **Plasminogen Activator Inhibitor Type-1 Gene 4G/5G Polymorphism and Polycystic Ovary Syndrome**  
Kilicci C., Bayram B., Ozkurt M., ÖNLÜ H., ERKASAP N., MUTLU F.  
GENETIC TESTING AND MOLECULAR BIOMARKERS, vol.15, no.7-8, pp.565-567, 2011 (SCI-Expanded)
- LX. **Effects of various agents on DNA fragmentation and telomerase enzyme activities in adenocarcinoma cell lines**  
TURGUT COŞAN D., Soyocak A., Basaran A., DEĞİRMENCİ İ., Gunes H. V., Sahin F.  
MOLECULAR BIOLOGY REPORTS, vol.38, no.4, pp.2463-2469, 2011 (SCI-Expanded)
- LXI. **Dopamine D2 receptor gene-141C Insertion/Deletion polymorphism in Turkish schizophrenic patients**  
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## Refereed Congress / Symposium Publications in Proceedings

- I. **Machine Learning Techniques for Breast Cancer Risk Prediction: Comparison with the BCRAT**  
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- II. **Stabil dönem kronik obstrüktif akciğer hastalığında eozinofilik fenotipe göre albümin, C-reaktif protein, nötrofil, lenfosit oranı, nötrofil platelet oranı, platelet lenfosit oranı ve nötrofil eozinofil oranı parametrelerinin değerlendirilmesi**  
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- III. **Kronik Obstrüktif Akciğer Hastalığında stabil ve akut alevlenme dönemindeki olgularda C-reaktif protein, albümin, nötrofil lenfosit oranı, nötrofil platelet oranı, platelet lenfosit oranı ve nötrofil eozinofil oranı parametrelerinin değerlendirilmesi**  
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- IV. **Akut dönem Kronik Obstrüktif Akciğer Hastalığında Eozinofilik Fenotipe Göre Albümin, C-Reaktif Protein, Nötrofil Lenfosit Oranı, Nötrofil Platelet Oranı, Platelet Lenfosit Oranı Ve Nötrofil Eozinofil Oranı Parametrelerinin Değerlendirilmesi**  
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- V. **"MAKİNE ÖĞRENİMİNDE ÇAPRAZ DOĞRULAMA YÖNTEMİNİN ÖNEMİ ÜZERİNE BİR UYGULAMA**  
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ÇAVUŞOĞLU Y., Mert K. U., Nadir A., MUTLU F., Morrad B., ULUS T.

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ÖZGEN M., ARMAĞAN O., KUZGUN S., BAKILAN F., TAŞCIOĞLU F., MUTLU F.

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ÖZGEN M., FULYA B., ARMAĞAN O., TAŞCIOĞLU F., MUTLU F.

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YILMAZ H., Çolak E., Bal C., MUTLU F., Özdamar K.

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**LXXIX. Allojenik Kök Hücre Nakli Yapılan MDS ve AML Hastalarında Profilaktik Posakanazol Kullanımının Fungal İnfeksiyon Gelişimi Üzerine Etkisi**

KARAGÜLLE M., GÖREN ŞAHİN D., ANDIÇ N., ÜSKÜDAR TEKE H., ERBEN N., MUTLU F., GÜNDÜZ E., AKAY O. M.

10. Febril Nötropeni Simpozyumu, Ankara, Turkey, 17 - 19 May 2013

**LXXX. A preliminary study to evaluate the relationship between functional status of stroke patients and depression level and quality of life of their caregivers**

ÖZGEN M., BAKILAN F., ARMAĞAN O., TAŞCIOĞLU F., MUTLU F.

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**LXXXI. Levosimendan and Dobutamine are Equally Effective in Improving Functional Status in Patients Hospitalized with Acute Decompensated Heart Failure**

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- LXXXVII. **İvabradin akut dekompanse kalp yetersizliğinde uygulanan dobutamine bağlı gelişen kalp hızı artışını engellemektedir**

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- LXXXVIII. **Akut kalp yetersizliğinde levosimendan ve dobutamin tedavisinin kardiyak troponin salımı üzerine etkisi**

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- LXXXIX. **Levosimendan ve dobutaminin elektromekanik sistolik interval ile sistolik doku Doppler parametreleri üzerine etkisi**

ÇAVUŞOĞLU Y., nadir a., MERT K. U., MUTLU F., KARATUTLU M. A., raedi f., BİRDANE A., ULUS T., GÖRENEK B., ÜNALIR A.

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- XC. **Comparison of Semiparametric, Parametric and Nonparametric ROC Analyses for Continuous Diagnostic Tests Using Simulation Study and Acute Coronary Syndrome Data**

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TURGUT COŞAN D., SOYOCAK A., BAŞARAN A., DEĞİRMENCİ İ., GÜNEŞ H. V., MUTLU F.

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- XCIII. **MCF 7 İnsan Meme Kanser Hücre Dizisinde Telomeraz Enzim Aktivitesine Resveratrolün Etkisi**

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- XCIV. **Phosphorylated insulin-like growth factor binding protein-1 (IGFBP-1) in cervical secretions for the prediction of preterm labor (PTL) in symptomatic cases**

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- C. **Apoptotic markers from placentas of pregnancies associated with preeclampsia**  
TANIR H. M., ŞENER T., ARTAN S., KAYTAZ B., TEKİN A. N., MUTLU F.  
The 5th World Congress On Controversies In Obstetrics and Gynecology Infertility, Las Vegas, USA, 3-6 June, 2004., 3 - 06 June 2004
- CI. **Programmed cell death (apoptosis) from placentas of pregnancies complicated by term and preterm premature rupture of membranes (tPPROM /pPPROM)**  
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- CIII. **Siçanlarda Karbon Tetraklorit in CCl4 Oluşturduğu Oksidatif Stresin Kateşin ve Likopen ile Önlenmesi**  
KURT H., BAŞARAN A., DEĞİRMENCİ İ., ÜSTÜNER M. C., TURGUT COŞAN D., ARAL E., MUTLU F., ALTUĞ T., GÜNEŞ H. V.  
8. Ulusal Tıbbi Biyoloji Kongresi, Kongre Bildiri Özetleri Kitabı, Turkey, 14 - 17 October 2003
- CIV. **Postmenopozal Kadınlarda Menopoz Yaşı İle İlgili Faktörler**  
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II.Uluslararası ve V. Ulusal Menopoz ve Osteoporoz Kongresi, 18-22 Eylül, İstanbul, 2002., Turkey, 18 - 22 September 2002
- CV. **Postmenopozal Kadınlarda Kemik Mineral Dansitesi İle İlişkili Faktörler**  
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- CVI. **Postmenopozal Kadınlarda Ürogenital Skalayı Etkileyen Faktörler**  
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- CVII. **Tıbbi Uygulamalarda İstatistik Paketlerinin Kullanımı ve Biyoistatistikçinin Önemi**  
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- CVIII. **Sağlık Bilgi Sistemlerinde (SBS) İnternet Kullanımı**  
ÖNER K. S., BAL C., MUTLU F., BAYDEMİR C., ÖZDAMAR K.  
5. Ulusal Biyoistatistik Kongresi, Eskişehir, Turkey, 13 - 15 September 2000, pp.369
- CIX. **Anabileşenler Analizi**  
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4. Ulusal Eğitim Bilimleri Kongresi, Eskişehir, Turkey, 10 - 12 September 1997, pp.7

## Supported Projects

Mutlu F., Turgut Coşan D., Güleç G., Project Supported by Higher Education Institutions, Nikotin Bağımlılığının Neurexin 3 gen polimorfizmi ile ilişkisi, 2017 - 2018

MUTLU F., Project Supported by Higher Education Institutions, Bağımlı ve Bağımsız Olgu Kontrol Çalışmalarında Medikal Tanı Testlerinin Etkinliğinin Karşılaştırılması, 2013 - 2014

## Activities in Scientific Journals

ANATOLIAN JOURNAL OF CARDIOLOGY, Committee Member, 2014 - Continues  
Osmangazi Tıp Dergisi, Advisory Committee Member, 2012 - Continues  
Türkiye Klinikleri Biyoistatistik Dergisi, Advisory Committee Member, 2012 - Continues

## Memberships / Tasks in Scientific Organizations

Biyoistatistik Derneği, Member, 2015 - Continues, Turkey  
INTERNATIONAL SOCIETY FOR CLINICAL BIostatISTICS, Member, 2007 - Continues, Switzerland

## Scientific Refereeing

ANATOLIAN JOURNAL OF CARDIOLOGY, SCI Journal, December 2023  
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## **Congress and Symposium Activities**

23. Ulusal ve 6. Uluslararası Biyoistatistik Kongresi, Audience, Ankara, Turkey, 2022

22. ULUSAL ve 5. ULUSLARARASI BİYOİSTATİSTİK KONGRESİ, Session Moderator, Ankara, Turkey, 2021

## **Awards**

Yaz Y., Yıldırım N., Aydın Yaz Y., Çilingir O., Yüksel Z., Mutlu F., 'Psödoeksfoliasyon Sendromu ve Psödoeksfoliasyon Glokomu Bulunan Bir Türk Popülasyonunda LOXL1'in Üç Tek Nükleotid Polimorfizmi' adlı çalışmayla Türk Oftalmoloji Dergisi En Başarılı Yayın 3.'lük Ödülü, Türk Oftalmoloji Derneği, November 2019