

## Assoc. Prof. ŞENAY AKIN

### Personal Information

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### International Researcher IDs

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Yoksis Researcher ID: 182494

### Biography

Dr. Akin received her BSc from Hacettepe University Faculty of Sports Sciences. She earned her MS and PhD from the Institute of Health Sciences, Hacettepe University. She has been working as a research assistant and a member of Dr. Demirel's research lab at Hacettepe University Faculty of Sports Sciences since 2005. During her postgraduate education, she worked as a researcher at Juntendo University Sport and Health Institute for 3 months in 2007, Semmelweis University Sports Science Research Institute for 5 months in 2009, and a teaching hospital of Harvard Medical School, Beth Israel Deaconess Medical Center in 2010-2011. Dr. Akin's research focuses on the cellular responses to environmental stresses such as physical activity and inactivity, the molecular regulation of protein degradation in skeletal muscle during immobilization characterized by muscle wasting, and signaling pathways associated with skeletal muscle atrophy.

### Education Information

Doctorate, Hacettepe University, Spor Bilimleri Fakültesi, Egzersiz Ve Spor Bilimleri Bölümü / Egzersiz Ve Spor Fizyolojisi Abd, Turkey 2006 - 2015

### Foreign Languages

English, B1 Intermediate

### Certificates, Courses and Trainings

Health&Medicine, Sağlık Bilimlerinde Uygulamalı Proje Geliştirme Yürütme Sonuçlandırma Eğitimi, Hacettepe Üniversitesi, 2018

### Dissertations

Doctorate, İskelet kasında tüm vücut titreşimi ve immobilizasyonun protein sentez ve yıkımında rol oynayan sinyal yolları üzerine etkisi, Hacettepe Üniversitesi, Spor Bilimleri Fakültesi, Egzersiz ve Spor Bilimleri Bölümü, 2015

### Research Areas

## Academic Titles / Tasks

Associate Professor, Hacettepe University, Spor Bilimleri Fakültesi, Egzersiz Ve Spor Bilimleri Bölümü, 2022 - Continues  
Assistant Professor, Hacettepe University, Spor Bilimleri Fakültesi, Egzersiz Ve Spor Bilimleri Bölümü, 2018 - 2022

## Academic and Administrative Experience

Head of Department, Hacettepe University, Spor Bilimleri Fakültesi, Egzersiz Ve Spor Bilimleri Bölümü, 2022 - Continues  
Hacettepe Üniversitesi, Spor Bilimleri Fakültesi, 2016 - 2017

## Courses

Egzersiz Fizyolojisi, Undergraduate, 2023 - 2024  
Egzersiz Fizyolojisi, Postgraduate, 2023 - 2024  
Kas Fizyolojisi Laboratuvar Yöntemleri, Postgraduate, 2022 - 2023  
Spor Biyokimyası, Undergraduate, 2018 - 2019  
Moleküler Egzersiz Fizyolojisine Giriş, Undergraduate, 2017 - 2018

## Supervised Theses

Akın Ş., Yaşam Alanı Sınırlandırılan Sıçanların İskelet Kasında Oksidatif Hasarın İncelenmesi, Postgraduate, İ.GÜNGÖR(Student), 2023  
Akın Ş., Egzersizle indüklenen HSP72'nin glukokortikoid kaynaklı iskelet kası atrofisinin önlenmesindeki rolü, Postgraduate, B.ÖZERKLİĞ(Student), 2021

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

- I. **Sedentary lifestyle induces oxidative stress and atrophy in rat skeletal muscle.**  
Gungor-Orhan I, Akin Ş., Powers S. K., Olgaz-Bingol S., Demirel H. A.  
Experimental physiology, 2025 (SCI-Expanded)
- II. **Galectin-3 levels in children with cystic fibrosis**  
Ademhan Tural D., EMİRALİOĞLU ORDUKAYA N., AKIN Ş., Alboga D., Ozsezen B., Nayir Buyuksahin H., GÜZELKAŞ İ., Kasikci M., SUNMAN B., GÜNGÖR İ., et al.  
European Journal of Pediatrics, vol.183, no.5, pp.2333-2342, 2024 (SCI-Expanded)
- III. **Long-term Dexamethasone Treatment Increases Cardiac Galectin-3 Levels.**  
Akin Ş., Gucuk-Ipek E., Hayta U., Gungor İ., Kubat G. B., Akin Y., Guray U., Demirel H. A.  
Cardiovascular drugs and therapy, vol.37, no.5, pp.1027-1029, 2023 (SCI-Expanded)
- IV. **Reply to the Letter to the Editor Titled "The Effects of Dexamethasone on Cardiovascular Disease: Friend or Foe?" by Han et al**  
AKIN Ş., Demirel H. A.  
CARDIOVASCULAR DRUGS AND THERAPY, vol.37, no.5, pp.845-846, 2023 (SCI-Expanded)
- V. **Exercise Prevents Glucocorticoid-Induced Myocardial 4-Hydroxynonenal Production.**  
Hayta U., Akin Ş., Gungor İ., Colluoglu I. T., Guray U., Akin Y., Demirel H. A.  
Cardiovascular drugs and therapy, no.10.1007/s10557-023-07506-4, 2023 (SCI-Expanded)
- VI. **Requirements for successful mitochondrial transplantation**

- Kubat G. B., Ulger O., Akin Ş.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.35, no.11, 2021 (SCI-Expanded)
- VII. **Possible Adaptation of the Adrenal Gland Hsp72 Expression to Hypoxic Stress**  
AKIN Ş., BAŞTUĞ M., ÇOLAK R., FIÇICILAR H., Sağlam B. S., Kosar N. S., Demirel H.  
HIGH ALTITUDE MEDICINE & BIOLOGY, vol.22, no.3, pp.293-299, 2021 (SCI-Expanded)
- VIII. **Possible value of galectin-3 on follow-up of cardiac remodeling during glucocorticoid treatment**  
AKIN Ş., Kubat G. B., Guray U., AKIN Y., Demirel H. A.  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, vol.35, no.4, 2021 (SCI-Expanded)
- IX. **Galectin-3: A New Biomarker for Atherosclerosis Management**  
Akin Y., Demirkan B., Suljevic S., Gucuk Ipek E.  
ANGIOLOGY, vol.71, no.10, pp.966, 2020 (SCI-Expanded)
- X. **Acute long-distance trail running increases serum IL-6, IL-15, and Hsp72 levels**  
Yargic M. P., Torgutalp S., AKIN Ş., BABAYEVA N., Torgutalp M., Demirel H. A.  
APPLIED PHYSIOLOGY NUTRITION AND METABOLISM, vol.44, no.6, pp.627-631, 2019 (SCI-Expanded)
- XI. **Short-term treadmill exercise in a cold environment does not induce adrenal Hsp72 and Hsp25 expression**  
AKIN Ş., NAITO H., Ogura Y., ICHINOSEKI-SEKINE N., KUROSAKA M., KAKIGI R., Demirel H. A.  
JOURNAL OF PHYSIOLOGICAL SCIENCES, vol.67, no.3, pp.407-413, 2017 (SCI-Expanded)
- XII. **Meloxicam and diclofenac do not change VEGF and PDGF-AB serum levels of platelet-rich plasma**  
Utku B., DÖNMEZ G., Erisgen G., AKIN Ş., Demirel H. A., KORKUSUZ F., Doral M. N.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.47, no.2, pp.570-576, 2017 (SCI-Expanded)
- XIII. **Effects of immobilization and whole-body vibration on rat serum Type I collagen turnover**  
DÖNMEZ G., DORAL M. N., SULJEVIC Ş., SARGON M. F., BİLGİLİ H., DEMİREL A. H.  
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.50, no.4, pp.452-457, 2016 (SCI-Expanded)
- XIV. **Evaluation of galectin-3 levels in acute coronary syndrome.**  
Gucuk Ipek E., Akin Suljevic S., Kafes H., Basyigit F., Karalok N., Guray Y., Dinc Asarcikli L., Acar B., Demirel H.  
Annales de cardiologie et d'angiologie, vol.65, no.1, pp.26-30, 2016 (SCI-Expanded)
- XV. **Spirolactone does not alter cystatin C levels in mildly symptomatic systolic heart failure patients**  
GUCUK E., Suljevic S. A., KARALOK N., GURAY Y., Demirel H.  
EUROPEAN JOURNAL OF HEART FAILURE, vol.16, pp.69, 2014 (SCI-Expanded)
- XVI. **Elevation of body temperature is an essential factor for exercise-increased extracellular heat shock protein 72 level in rat plasma**  
Ogura Y., Naito H., Akin Ş., Ichinoseki-Sekine N., Kurosaka M., Kakigi R., Sugiura T., Powers S. K., Katamoto S., Demirel H. A.  
AMERICAN JOURNAL OF PHYSIOLOGY-REGULATORY INTEGRATIVE AND COMPARATIVE PHYSIOLOGY, vol.294, 2008 (SCI-Expanded)
- XVII. **Elevation Of Body Temperature Is Associated With Exercise-Increased Extracellular Heat Shock Protein 72 Level In Rat Plasma**  
Ogura Y., NAITO H., AKIN Ş., ICHINOSEKI-SEKINE N., KUROSAKA M., KAKIGI R., Sugiura T., KATAMOTO S., Demirel H. A.  
MEDICINE AND SCIENCE IN SPORTS AND EXERCISE, vol.40, no.5, 2008 (SCI-Expanded)

## Articles Published in Other Journals

- I. **İskelet Kas Kütlesini Düzenleyen Moleküler Mekanizmalar**  
AKIN Ş., ÖZERKLİĞ B., TÜRKEL İ., DEMİREL A. H.  
Turk J Sports Med, vol.54, 2018 (Peer-Reviewed Journal)
- II. **Tüm Vücut Titreşimi İmmobilizasyon ile Azalan AMPK Aktivasyonunu Arttırır mı?**  
AKIN Ş., DÖNMEZ G., ÖZDEMİR M., DEMİREL A. H.  
Turk J Sports Med, vol.53, pp.174-181, 2018 (Peer-Reviewed Journal)

- III. **Eksantrik Egzersizler ve Spor Yaralanmalarından Korunmadaki Yeri**  
Utku B., AKIN Ş.  
Türkiye Klinikleri Spor Hekimliği Özel Sayısı, vol.3, pp.233-239, 2017 (Peer-Reviewed Journal)
- IV. **Sarkopeni ve Egzersiz**  
AKIN Ş., DEMİREL A. H.  
Türkiye Klinikleri Spor Hekimliği Özel Sayısı, vol.3, pp.136-142, 2017 (Peer-Reviewed Journal)
- V. **Sporcu Kızlarda Şiddetli Antrenman ve Yeme Bozukluğunun Yol Açtığı Sağlık Riskleri**  
AKIN Ş., DEMİREL A. H.  
Katki Pediatri Dergisi, vol.37, pp.593-599, 2017 (Peer-Reviewed Journal)
- VI. **İskelet Kası Uydu Hücreleri ve Kas Rejenerasyonundaki Yeri**  
AKIN Ş., DEMİREL A. H.  
Türkiye Klinikleri Spor Hekimliği Özel Sayısı, vol.3, pp.227-232, 2017 (Peer-Reviewed Journal)

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **The role of whole-body vibration on bed rest model-induced skeletal muscle atrophy and fiber type composition**  
Akn Ş.  
25th Annual Congress of the European College of Sports Science, Sevilla, Spain, 28 - 30 October 2020, pp.1-2
- II. **Titreşimin Remobilizasyon Döneminde İskelet Kası HSP Ekspresyonuna Etkisi.**  
AKIN Ş., TÜRKEL İ., ÖZERKLİĞ B., DÖNMEZ G., DEMİREL A. H.  
16th International Sport Sciences Congress, 30 October - 03 November 2018
- III. **İmmobilizasyon ve Remobilizasyonun Adrenal Bezi TNF $\alpha$  ve Hsp72 Düzeylerine Etkisi**  
AKIN Ş., TÜRKEL İ., ÖZERKLİĞ B., DÖNMEZ G., DEMİREL A. H.  
16.International Sport Sciences Congress, İstanbul, Turkey, 31 October - 03 November 2018, pp.1282-1285
- IV. **Whole Body Vibration Restores Immobilization-induced AMPK Activation**  
AKIN Ş., DÖNMEZ G., ÖZDEMİR M., DEMİREL A. H.  
15th International Sports Sciences Congress, 15 - 18 November 2017
- V. **Sıçan Medial Gastroknemius Kasında İmmobilizasyon ve Tüm Vücut Titreşiminin Miyozin Ağır Zinciri İzofomlarına Etkisi**  
ÖZDEMİR M., AKIN Ş., DÖNMEZ G., DEMİREL A. H.  
15. Uluslararası Spor Bilimleri Kongresi, Antalya, Turkey, 15 - 18 November 2017
- VI. **The Effects of Whole Body Vibration and Immobilization on Protein Synthesis and Degradation Pathways**  
AKIN Ş., DÖNMEZ G., ÖZDEMİR M., NAİTO H., POWERS S., DEMİREL A. H.  
22nd Annual Congress of the European College of Sport Science, MetropolisRuhr, Germany, 5 - 08 July 2017
- VII. **The Effect of Immobilisation and Whole Body Vibration on MHC Isoforms in Rat Skeletal Muscle**  
ÖZDEMİR M., AKIN Ş., DÖNMEZ G., DEMİREL A. H.  
34th World Congress of Sports Medicine, Slovenia, 29 September - 02 October 2016, vol.50, pp.111-11
- VIII. **İNSÜLİN DİRENCİNDE FİZİKSEL AKTİVİTENİN ÖNEMİ**  
DEMİREL A. H., AKIN Ş.  
Hacettepe Beslenme ve Diyetetik Günleri V. Mezuniyet Sonrası Eğitim Kursu, Turkey, 25 - 27 June 2015
- IX. **Türkiye fiziksel aktivite düzeyleri araştırması**  
AKIN Ş., SAYGIN A., KOŞAR Ş. N., DEMİREL A. H.  
14. Ulusal Spor Hekimliği Kongresi, Turkey, 13 - 14 December 2013
- X. **İlköğretim öğrencileri fiziksel aktivite araştırması**  
SAYGIN A., AKIN Ş., KOŞAR Ş. N., DEMİREL A. H.  
14. Ulusal Spor Hekimliği Kongresi, Turkey, 13 - 14 December 2013
- XI. **Spirolactone Reduces Galectin-3 Levels in Mildly Symptomatic Systolic Heart Failure Patients**  
INEK E. G., Suljevic S. A., Demirel H., KARALOK N., Güray Y.

Scientific Sessions and Resuscitation Science Symposium of the American-Heart-Association, Texas, United States Of America, 16 - 17 November 2013, vol.128

- XII. **Elevated Galectin-3 Levels are Related with Increased Volumes in Systolic Heart Failure Patients**  
IPEK E. G., Suljevic Ş., Kafes H., Başığit F., KARALOK N., Güray Y., ASARCIKLI L. D., Demirel H.  
29th Turkish Cardiology Congress of the Turkish-Society-of-Cardiology (TSC) with International Participation, Antalya, Turkey, 26 - 29 October 2013, vol.62
- XIII. **Evaluation of Galectin-3 Levels in Acute Coronary Syndrome and its Relation with the Burden of Atherosclerosis**  
IPEK E. G., Suljevic S. A., Kafes H., Başığit F., KARALOK N., Güray Y., ASARCIKLI L. D., Demirel H.  
29th Turkish Cardiology Congress of the Turkish-Society-of-Cardiology (TSC) with International Participation, Antalya, Turkey, 26 - 29 October 2013, vol.62
- XIV. **Chronic hypoxia does not cause the induction of heat shock protein 72 in rat adrenal gland**  
AKIN Ş., FIÇICILAR H., ÇOLAK R., BAŞTUĞ M., KOŞAR Ş. N., DEMİREL A. H.  
13th Annual Congress of European College of Sport Science., Estoril, Portugal, 9 July - 11 August 2008
- XV. **Kronik Hipoksi Sıçan Adrenal Bezinde Stres Proteini 72 Hsp72 İndüksiyonuna Yol Açmaz**  
AKIN Ş., FIÇICILAR H., ÇOLAK R., BAŞTUĞ M., KOŞAR Ş. N., DEMİREL A. H.  
11. Ulusal Spor Hekimliği Kongresi, Antalya, Turkey, 6 - 09 December 2007
- XVI. **Reliability of A 5m Multiple Shuttle Run Test and Its Relation to Repeated Wingate Test**  
AKIN Ş., KOŞAR Ş. N., DEMİREL A. H.  
The 10th ICHPERD-SD Europe Congress & The TSSA 8th International Sports Science Congress, Antalya, Turkey, 17 - 20 November 2004

## Supported Projects

AKIN Ş., DEMİREL A. H., Güngör İ., Project Supported by Higher Education Institutions, Tüm Vücut Titreşiminin Kullanılmamaya Bağlı İskelet Kası Oksidatif Hasarı Üzerine Etkisi, 2023 - Continues

Akın Ş., Nemutlu E., Onbaşlar İ., Korkusuz P., Project Supported by Higher Education Institutions, BGP15in dayanıklılık performansına ve kullanmamaya bağlı iskelet kası atrofisi üzerine etkisi (TÜBİTAK ek bütçe desteği), 2025 - 2026

Akın Ş., Demirel A. H., Onbaşlar İ., Olgaz Bingöl S., TUBITAK Project, BGP-15'in dayanıklılık performansına ve kullanmamaya bağlı iskelet kası atrofisi üzerine etkisi, 2023 - 2025

AKI F. T., AKIN Ş., DEMİREL A. H., ALTAN M., KÖSEMEHMETOĞLU K., MAMMADALİYEV T., Project Supported by Higher Education Institutions, Tüm Vücut Titreşiminin İmmobil Sıçanlarda Testis Morfolojisi ve Oksidatif Stres Üzerine Etkisi, 2023 - 2024

YILDIZ O. B., MÜMÜŞOĞLU S., AKIN Ş., DEMİREL A. H., SÖNMEZOĞLU KÜTÜK İ., ÇİFTÇİ T. T., Project Supported by Higher Education Institutions, Polikistik Over Sendromu Tanılı Hastaların Mitokondriyal Peptid Düzeylerinin Sağlıklı Bireylerle Karşılaştırılması, 2023 - 2024

Yargıç M. P., Akın Ş., TUBITAK Project, Elit Halter Sporcularında Kardiyak Fibrozis, 2022 - 2024

CİNEMRE Ş. A., KARAÇOBAN L., AKIN Ş., DERMAN O., DEMİREL A. H., Project Supported by Higher Education Institutions, AKUT YÜZME EGZERSİZİNİN SERUM MİYOKİN DÜZEYLERİNE ETKİSİ, 2022 - 2023

EMİRALİOĞLU ORDUKAYA N., ÖZÇELİK H. U., KİPER E. N., DOĞRU ERSÖZ D., YALÇIN E. E., DEMİREL A. H., AKIN Ş., ADEMİHAN TURAL D., ÖZSEZEN B., SUNMAN B., et al., Project Supported by Higher Education Institutions, Kistik Fibrozis Hastalığında Galectin3ün İnflamasyondaki Rolü, 2021 - 2023

Akın Ş., Demirel A. H., TUBITAK Project, Tüm Vücut Titreşiminin Kullanılmamaya Bağlı İskelet Kası Atrofisinin Önlenmesindeki Rolü, 2018 - 2020

DEMİREL A. H., AKIN Ş., YARGIÇ M. P., TORĞUTALP Ş. Ş., Project Supported by Higher Education Institutions, Akut Uzun Süreli Doğa Koşusunun Plazma Miyokin Seviyelerine Etkisi, 2017 - 2019

DEMİREL A. H., SULJEVIĆ Ş., Project Supported by Higher Education Institutions, İskelet Kasında Tüm Vücut Titreşimi ve İmmobilizasyonun Protein Sentez ve Yıkımında Rol Oynayan Sinyal Yolakları Üzerine Etkisi, 2015 - 2016

DEMİREL A. H., AKIN Ş., KOŞAR Ş. N., Project Supported by Higher Education Institutions, Uzun süreli yüzme egzersizinin genç ve yaşlı sıçanlarda kalp kası antioksidan savunma mekanizması ve sitokinler üzerine etkisi, 2014 - 2016

DEMİREL A. H., DÖNMEZ G., AKIN Ş., Project Supported by Higher Education Institutions, İmmobilizasyon ve Titreşim Uygulamasının Aşıl Tendonu Üzerine Etkisi, 2011 - 2016

## Scientific Refereeing

EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, February 2025  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, February 2025  
TUBITAK Project, 1002 - Quick Support Program, Tarsus University, Turkey, February 2025  
CIRCULATION, Journal Indexed in SCI-E, January 2025  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, January 2025  
TUBITAK Project, 1002 - Quick Support Program, Gaziantep University, Turkey, January 2025  
CARDIOVASCULAR DRUGS AND THERAPY, Journal Indexed in SCI-E, December 2024  
EXPERIMENTAL PHYSIOLOGY, Journal Indexed in SCI-E, December 2024  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, December 2024  
JOURNAL OF THE AMERICAN HEART ASSOCIATION, Journal Indexed in SCI-E, December 2024  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, November 2024  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, November 2024  
JOURNAL OF THE AMERICAN HEART ASSOCIATION, Journal Indexed in SCI-E, November 2024  
CARDIOVASCULAR DRUGS AND THERAPY, Journal Indexed in SCI-E, November 2024  
BMC PULMONARY MEDICINE, Journal Indexed in SCI-E, November 2024  
TUBITAK Project, 1002 - Quick Support Program, Gaziantep University, Turkey, November 2024  
TUBITAK Project, 1002 - Quick Support Program, Hacettepe University, Turkey, November 2024  
TUBITAK Project, 1002 - Quick Support Program, Manisa Celal Bayar University, Turkey, November 2024  
TUBITAK Project, 1002 - Quick Support Program, Ankara Yildirim Beyazıt University, Turkey, October 2024  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, September 2024  
JOURNAL OF THE AMERICAN HEART ASSOCIATION, Journal Indexed in SCI-E, September 2024  
TUBITAK Project, 3005 - Sosyal ve Beşeri Bilimlerde Yenilikçi Çözümler Araştırma Projeleri Destek Programı, Kayseri University, Turkey, September 2024  
TUBITAK Project, 1002 - Quick Support Program, Erzurum Technical University, Turkey, September 2024  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, August 2024  
DIABETES RESEARCH AND CLINICAL PRACTICE, Journal Indexed in SCI-E, August 2024  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Izmir Institute Of Technology, Turkey, August 2024  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ege University, Turkey, August 2024  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Cukurova University, Turkey, August 2024  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Inonu University, Turkey, August 2024  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Kütahya Health Sciences University, Turkey, August 2024  
CELL BIOCHEMISTRY AND BIOPHYSICS, Journal Indexed in SCI-E, July 2024  
CARDIOVASCULAR DRUGS AND THERAPY, Journal Indexed in SCI-E, July 2024  
TUBITAK Project, 3005 - Sosyal ve Beşeri Bilimlerde Yenilikçi Çözümler Araştırma Projeleri Destek Programı, Yozgat Bozok University, Turkey, July 2024  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Canakkale Onsekiz Mart University, Turkey, July 2024  
TUBITAK Project, 1002 - Quick Support Program, Tarsus University, Turkey, July 2024  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, June 2024  
CARDIOVASCULAR DRUGS AND THERAPY, Journal Indexed in SCI-E, June 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Inonu University, Turkey, June 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Manisa Celal Bayar University, Turkey, June 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Gaziantep University, Turkey, June 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Hacettepe University, Turkey, June 2024

CARDIOVASCULAR DRUGS AND THERAPY, Journal Indexed in SCI-E, May 2024

EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, May 2024

EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, May 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Akdeniz University, Turkey, May 2024

EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, April 2024

Research Project of the Presidency of Turkey Health Institutes (TÜSEB), Canakkale Onsekiz Mart University, Turkey, April 2024

CARDIOVASCULAR DRUGS AND THERAPY, Journal Indexed in SCI-E, March 2024

EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, March 2024

EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, March 2024

TUBITAK Project, 1002 - Quick Support Program, Eskisehir Osmangazi University, Turkey, March 2024

EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, February 2024

EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, February 2024

TUBITAK Project, 1002 - Quick Support Program, Firat University, Turkey, January 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Firat University, Turkey, January 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Firat University, Turkey, January 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Istanbul University, Turkey, January 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Bursa Uludağ University, Turkey, January 2024

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Canakkale Onsekiz Mart University, Turkey, December 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ege University, Turkey, December 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Istanbul University, Turkey, December 2023

JOURNAL OF THE AMERICAN COLLEGE OF CARDIOLOGY, Journal Indexed in SCI-E, November 2023

EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, October 2023

CIRCULATION: ARRHYTHMIA AND ELECTROPHYSIOLOGY, Journal Indexed in SCI-E, September 2023

TUBITAK Project, 3501 - National Young Researcher Career Development Program, Hacettepe University, Turkey, September 2023

CARDIOVASCULAR DRUGS AND THERAPY, Journal Indexed in SCI-E, August 2023

EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, August 2023

CARDIOVASCULAR DRUGS AND THERAPY, Journal Indexed in SCI-E, May 2023

Türkiye Klinikleri Spor Bilimleri Dergisi, National Scientific Refreed Journal, May 2023

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CARDIOVASCULAR DRUGS AND THERAPY, Journal Indexed in SCI-E, April 2023

STEROIDS, Journal Indexed in SCI-E, March 2023

TUBITAK Project, 1002 - Quick Support Program, N/A, Turkey, March 2023  
CARDIOVASCULAR DRUGS AND THERAPY, Journal Indexed in SCI-E, February 2023  
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CARDIOVASCULAR DRUGS AND THERAPY, Journal Indexed in SCI-E, November 2022  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ege University, Turkey, November 2022  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Kütahya Dumlupınar University, Turkey, November 2022  
CARDIOVASCULAR DRUGS AND THERAPY, Journal Indexed in SCI-E, October 2022  
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TUBITAK Project, 1002 - Quick Support Program, Turkey, July 2022  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, June 2022  
CARDIOVASCULAR DRUGS AND THERAPY, Journal Indexed in SCI-E, June 2022  
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TUBITAK Project, 1002 - Quick Support Program, Hacettepe University, Turkey, June 2022  
Project Supported by Higher Education Institutions, BAP Research Project, Selcuk University, Turkey, June 2022  
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TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkey, May 2022  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkey, May 2022  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, April 2022  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, April 2022  
TUBITAK Project, 1002 - Quick Support Program, Turkey, April 2022  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, February 2022  
Türkiye Klinikleri Spor Bilimleri Dergisi, National Scientific Refreed Journal, December 2021  
PAMUKKALE SPOR BİLİMLERİ DERGİSİ, National Scientific Refreed Journal, November 2021  
Türkiye Klinikleri Spor Bilimleri Dergisi, National Scientific Refreed Journal, October 2021  
JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, Journal Indexed in SCI-E, September 2021  
Türkiye Klinikleri Spor Bilimleri Dergisi, National Scientific Refreed Journal, June 2021  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, June 2021  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, May 2021  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, May 2021  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkey, May 2021  
TUBITAK Project, 1002 - Quick Support Program, Mugla Sıtkı Kocman University, Turkey, May 2021  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Kafkas University, Turkey, April 2021  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Kocaeli University, Turkey, March 2021  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, February 2021  
TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Turkey, October 2020  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, June 2020  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, June 2020  
EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, June 2020



TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Istanbul Medeniyet University, Turkey, June 2020

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Hitit University, Turkey, June 2020

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Inonu University, Turkey, May 2020

JOURNAL OF BIOCHEMICAL AND MOLECULAR TOXICOLOGY, Journal Indexed in SCI-E, March 2020

EUROPEAN JOURNAL OF PREVENTIVE CARDIOLOGY, Journal Indexed in SCI-E, April 2019

Spor Hekimliği Dergisi, National Scientific Refreed Journal, October 2018

Gazi Beden Eğitimi ve Spor Bilimleri Dergisi, National Scientific Refreed Journal, July 2018

Hacettepe Spor Bilimleri Dergisi, National Scientific Refreed Journal, October 2017

Journal of Cell Science & Therapy, Journal Indexed in SCI-E, August 2016

JOURNAL OF CELLULAR PHYSIOLOGY, Journal Indexed in SCI-E, April 2016

## **Metrics**

Publication: 39

Citation (WoS): 60

Citation (Scopus): 138

H-Index (WoS): 4

H-Index (Scopus): 7

## **Non Academic Experience**

Harvard Medical School

Semmelweis University

Juntendo University