УНИВЕРЗИТЕТ У КРАГУЈЕВЦУ
ФАКУЛТЕТ МЕДИЦИНСКИХ НАУКА
НАСТАВНО-НАУЧНОМ ВЕЋУ

Поштоване колеге,

обраћам Вам се молбом испред катедре за Физиологију са предлогом за избор у гостујућег (визитинг) професора нашег Факултета проф. др **Белму Туран (Belma Turan)**. Проф. Туран је шеф катедре за Биофизику Локман Хеким Универзитета из Анкаре (Lokman Hekim University, Ankara) и члан великог броја најеминентнијих научно-едукативних тела широм Турске. Осим тога, др Туран је глобално препозната већ неколико деценија као један од најутицајнијих истраживача из области кардиоваскулраних истраживања. У погледу сциентометријских података, између осталог треба поменути и то да је проф. Туран аутор десетина књига и поглавља, уредник више десетина престижних светских часописа, аутор преко 300 публикација на SCI/CC листи (*h*-index 33), ментор великог броја докторских дисертација, аутор два патента и позивни предавач на преко 100 симпозијума.

Будући да је проф. Туран глобално један од најеминентнијих истраживача из области кардиоваскуларне физиологије, избор у гостујућег професора би учинио реалним могућности успостављања наставно-научних пројеката, који би, имајући у виду светски познати реноме проф. Туран, немерљиво значио Факултету медицинских наука и Универзитету у Крагујевцу.

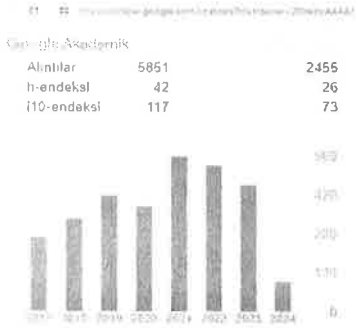
У прилогу Вам достављам биографију и библиографију проф. др Белме Туран.

С поштовањем,

ШЕФ КАТЕДРЕ ЗА
ФИЗИОЛОГИЈУ

Проф. др Гвозден Росић

Prof. BELMA TURAN



Personal Information

Mobile Phone: +90 0532 346 4459
Email: belma.turan@lokmanhekim.edu.tr
Web: https://avesis.lokmanhekim.edu.tr/belma.turan

International Researcher IDs
ScholarID: 2DnktrcAAAAJ
ORCID: 0000-0003-2583-9294
Publons / Web Of Science ResearcherID: AAG-8084-2020
ScopusID: 7006863023
Yoksis Researcher ID: 28627

Education Information

Doctorate, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey 1977 - 1982
Undergraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey 1972 - 1976

Foreign Languages

English, C1 Advanced

Certificates, Courses and Trainings

Health&Medicine, LOKMAN HEKİM ÜNİVERSİTESİ TIP FAKÜLTESİ LİSE BAHAR OKULU- KALBİN MİKROSKOBA YOLCULUĞU, LOKMAN HEKİM ÜNİVERSİTESİ, 2023
Health&Medicine, 2237 Bilimsel Eğitim Etkinliklerini Destekleme Programı Lisans Üstü Hemşirelik ve Ebelik Öğrencilerine Yönelik Epidemiyolojide Nedensellik Ve Gözlemsel Araştırmalar Eğitimi, Lokman hekim üniversites.i, 2022
Health&Medicine, Translasyonel Tıp Alanında Proje Hazırlama, Yazma ve Yürütme Eğitimi Ankara 2022, Lokman Hekim Üniversitesi, 2022

Dissertations

Doctorate, Kanda Bulunan Cu2 ve Fe3 Paragenetik Metal İyonları Özelliklerinden Yararlanılarak Normal ve Hasta İnsan Kanının ESR Yöntemiyle İncelenmesi, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1982

Research Areas

Biophysics

Academic Titles / Tasks

Professor, Lokman Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2020 - Continues
Professor, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1993 - 2020
Associate Professor, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1987 - 1993
Research Assistant, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1983 - 1984
Research Assistant, Ankara University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 1977 - 1983

Academic and Administrative Experience

BAP Scientific Commissioner, Lokman Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2022 - Continues
Head of Department, Lokman Hekim University, Sağlık Bilimleri Enstitüsü, Disiplinlerarası Hücresel Ve Moleküler Tıp Anabilim Dalı Anabilim Dalı, 2021 - Continues
Ethics Committee Member, Lokman Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2021 - Continues
Fakülte Yönetim Kurulu Üyesi, Lokman Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2021 - Continues
BAP Scientific Commissioner, Lokman Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2021 - Continues
BAP Coordinator, Lokman Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2021 - Continues
Chairman of the BAP Committee, Lokman Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2020 - Continues
Head of Department, Lokman Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2020 - Continues

Courses

BİYOFİZİK, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022, 2020 - 2021
BIOELECTRICAL INSTUREMENTS FOR MEASUREMENTS-OBSERVATIONS AND APPLICATIONS, Undergraduate, 2022 - 2023
Dönem 1 Biyofizik, Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
ÖĞRENCİ PROJELERİ HAZIRLAMA DERSİ , Undergraduate, 2022 - 2023
Biyofizik Dönem II, Undergraduate, 2023 - 2024
D2 Biyofizik, Undergraduate, 2023 - 2024
BİYOFİZİK (TIP), Undergraduate, 2023 - 2024, 2022 - 2023, 2021 - 2022
D3 Biyofizik, Undergraduate, 2023 - 2024
HÜCRE ELEKTROFİZYOLOJİSİ, Doctorate, 2023 - 2024
MAKROSKOPİK ANATOMİ VE TEMEL HÜCRE İNCELEME - GÖRÜNTÜLEME YÖNTEMLERİ HÜCRE METABOLİZMASI, Doctorate, 2023 - 2024
D3 B,iyofizik, Undergraduate, 2023 - 2024
Dönem II Biyofizik Türkçe ve İnglizce, Undergraduate, 2022 - 2023
Dönem 2 Biyofizik, Undergraduate, 2022 - 2023, 2021 - 2022
BİYOELEKTRİĞE GİRİŞ, Postgraduate, 2019 - 2020, 2014 - 2015, 2013 - 2014
DOLAŞIM SİSTEMİ BİYOFİZİĞİ, Postgraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
LİTERATÜR-SEMİNER, Doctorate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
BİYOFİZİK (TIP), Undergraduate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
UZMANLIK ALAN DERSİ, Doctorate, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013
BİYOFİZİK (İNGİLİZCE TIP), Undergraduate, 2019 - 2020, 2018 - 2019
TEZ ÇALIŞMASI, Doctorate, 2019 - 2020, 2018 - 2019, 2017 - 2018
İŞİTME VE KONUŞMA BİYOFİZİĞİ, Postgraduate, 2018 - 2019, 2017 - 2018
BİYOFİZİK (DİŞ HEKİMLİĞİ), Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015
BİYOPOTANSİYELLER, Doctorate, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2012 - 2013
ALAN UYGULAMASI, Doctorate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013

HÜCRE BİYOFİZİĞİ, Doctorate, 2016 - 2017
BİYOMEKANİĞE GİRİŞ, Postgraduate, 2015 - 2016, 2014 - 2015, 2012 - 2013
DUYU BİYOFİZİĞİ, Doctorate, 2015 - 2016, 2013 - 2014
MEDİKAL FİZİK (VETERNERLİK), Undergraduate, 2015 - 2016
AKIŞKANLAR BİYOFİZİĞİ, Doctorate, 2015 - 2016, 2013 - 2014
MOLEKÜLER BİYOFİZİK, Doctorate, 2014 - 2015
BİYOMEKANİĞE GİRİŞ, Doctorate, 2013 - 2014
BİYOFİZİK(SUNUM), Undergraduate, 2013 - 2014, 2012 - 2013
MOLEKÜLER BİYOLOJİK YÖNTEMLER, Doctorate, 2013 - 2014
BİYOFİZİK, Undergraduate, 2013 - 2014, 2012 - 2013
BİYOMEDİKAL ENSTRÜMANTASYON, Doctorate, 2012 - 2013
TEMEL BİYOMEDİKAL ENSTRÜMANTASYON, Postgraduate, 2012 - 2013
KAS BİYOFİZİĞİ, Doctorate, 2012 - 2013

Advising Theses

Turan B., Magnolol ve Honokiol Kompleksin İnsülin Dirençli Kardiyomiyositlerdeki Etkilerinin Elektrofizyolojik ve Biyokimyasal Yöntemlerle İncelenmesi, Postgraduate, G.Kazan(Student), Continues
Turan B., İndüklenmiş Pluripotent Kök Hücre Eldesinde Çinkonun Rolü, Postgraduate, K.GENÇ(Student), 2022
Turan B., İnsülin Direnci Geliştirilmiş H9C2 Hücre Hatlarında Epigenetik Değişimlerin ÇinkoTransporterları Üzerindeki Rolü, Postgraduate, İ.AKTAY(Student), 2022
TURAN B., Lipoik asitin yaşlı memeli kalp fonksiyonuna etkisinin yaşlanma modeli geliştirilmiş ventriküler H9C2 hücre hattında mitokondri fonksiyonu incelenerek değerlendirilmesi, Postgraduate, G.SENCAR(Student), 2021
TURAN B., Memeli atriyal hücrelerinde ATP-duyarlı katyon kanallarının yaşlanmaya bağlı kalp fonksiyon değişikliklerindeki rolünün incelenmesi, Doctorate, S.DEĞİRMENCİ(Student), 2021
TURAN B., KEREVİTTE (Astacus leptodactylus) BULUNAN VOLTAJ KAPILI Na+ KANALININ HOMOLOJİ VE MOLEKÜLER DİNAMİK YÖNTEMLERİYLE MODELLENMESİ, Doctorate, H.AKTAŞ(Student), 2021
TURAN B., Çinko-taşıyıcıları ve mitokondri ilişkisinin yaşlanmaya bağlı kalp fonksiyon bozukluğundaki rolünün incelenmesi, Doctorate, Y.OLĞAR(Student), 2018
TURAN B., İnsülin direnci gelişmiş sıçan kardiyomiyositlerinde sarkolemmal iyon kanallarının fonksiyon ve yapısının elektrofizyolojik ve moleküler biyolojik tekniklerle incelenmesi, Doctorate, A.DURAK(Student), 2017
TURAN B., Ventriküler kardiyomiyositlerde hücre içi serbest ZN+2 artışının K+-kanal akımlarına etkisinin incelenmesi, Postgraduate, S.DEĞİRMENCİ(Student), 2016
TURAN B., Çinko ve selenyumun antioksidan özelliklerinin oksidatif stres indüklü DNA radikallerinin immün-spin-yakalama yöntemi kullanılarak incelenmesi, Postgraduate, V.DELETİOĞLU(Student), 2015
TURAN B., Diyabet kaynaklı kalp fonksiyon bozukluğunda hücre içi iyon derişimleri ile fosfodiesterazların aktiviteleri arasındaki ilişkinin tip 2 obez-sıçan modelinde incelenmesi, Doctorate, E.NUR(Student), 2015
TURAN B., İzole memeli ventriküler miyositlerinde sodyum-hidrojen değiş-tokuşcusunun hipoksik duyarlılığı ATP'nin rolü, Doctorate, H.BURAK(Student), 2014
TURAN B., Kalp fonksiyon bozukluğunda rol oynayan hücre içi Zn2+ derişimi ve kontrolsüz sarkoplazmik retikulum Ca2+ sızıntısı arasındaki ilişkinin elektrofizyolojik ve biyokimyasal tekniklerle incelenmesi, Doctorate, E.TUNCAY(Student), 2014
TURAN B., Suda çözünen nanokitosan sentezi, Doctorate, A.GEÇER(Student), 2010
TURAN B., Diyabetik kardiyomiyopatide MikroRNA'ların rolü, Postgraduate, S.SERDAR(Student), 2010
TURAN B., Kardiyomiyositlerde hücre içi sodyum homeostazında rol oynayan faktörlerin incelenmesi, Doctorate, A.BİLGİNOĞLU(Student), 2010
TURAN B., Yaşlanmaya bağlı kalp fonksiyon değişikliklerinde beta adrenerjik sistemin rolünün elektrofizyolojik yöntemlerle incelenmesi, Postgraduate, A.AYTAÇ(Student), 2008
TURAN B., Diyabetik kardiyomiyopatide seçici olmayan beta blokör etkilerinin elektrofizyolojik yöntemlerle incelenmesi, Postgraduate, E.TUNCAY(Student), 2008

TURAN B., Matriks metalloproteazların diyabetik sıçanların endotel bağımlı damar fonksiyonlarındaki rolü, Postgraduate, E.NUR(Student), 2008
TURAN B., Diyabetik sıçan kalbi kalsiyum homeostazını düzenleyen mekanizmaların incelenmesi, Doctorate, N.YARAŞ(Student), 2007
TURAN B., Deneysel diyabette gözlenen vasküler fonksiyon bozukluklarında sodyum selenat uygulamasının etki mekanizmalarının incelenmesi, Postgraduate, E.TANRIVERDİ(Student), 2007
TURAN B., Yaşlanmanın kalpteki beta-adrenerjik reseptör blokör yanıtları üzerindeki etkisinin incelenmesi, Postgraduate, P.ŞAM(Student), 2006
TURAN B., Diyabetik kardiyomiyopatide β-adrenerjik reseptör yanıtları, Postgraduate, A.BİLGİNOĞLU(Student), 2005
TURAN B., Deneysel diyabetik kardiyomiyopatide hücre içi serbest iyon derişimi, Doctorate, M.AYAZ(Student), 2004
TURAN B., Anjiotensin 2 reseptörünün deneysel diyabetik sıçan kalbi elektriksel aktivitesindeki rolü, Doctorate, S.ÖZDEMİR(Student), 2004
TURAN B., E vitamininin deneysel diyabetik sıçanların atriyal aktiviteleri üzerindeki etkilerinin elektrofizyolojik yöntemlerle incelenmesi, Postgraduate, T.TUNÇER(Student), 2000
TURAN B., Hücre dışı adenozin trifosfat uygulamasının izole kardiyak miyositlerdeki etkilerinin tüm-hücre Patch Clamp yöntemi ile incelenmesi, Doctorate, M.UĞUR(Student), 2000
TURAN B., Selenyumun deneysel diyabetik sıçan kalbi ventrikül kasının elektriksel ve mekaniksel aktivitesi üzerine etkileri, Postgraduate, M.AYAZ(Student), 1999
TURAN B., Selenyum ve E vitamini eksikliği: Papiller kasın elektrofizyolojik ve mekaniksel fonksiyonları, Postgraduate, M.KILIÇ(Student), 1997
TURAN B., Ventrikül kasılmasında oksidan stresin rolünün elektrofizyolojik olarak incelenmesi, Doctorate, Ö.HOTOMAROĞLU(Student), 1996

Jury Memberships

Post Graduate, Post Graduate, The American University in Cairo, November, 2023
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Lokman Hekim Üniversitesi, November, 2023
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Lokman Hekim Üniversitesi, November, 2023
Post Graduate, Post Graduate, The American University in Cairo, November, 2023
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Lokman Hekim Üniversitesi, October, 2023
Doctorate, Doctorate, Lokman Hekim Üniversitesi, September, 2023
Doctorate, Doctorate, Lokman Hekim Üniversitesi, July, 2023
Doctorate, Doctorate, Hacettepe Üniversitesi, July, 2023
Doctorate, Doctorate, The American University in Cairo, June, 2023
Associate Professor Exam, Associate Professor Exam, Lokman Hekim Üniversitesi, May, 2023
Appointment to Academic Staff-Professorship, Appointment to Academic Staff-Professorship, Lokman Hekim Üniversitesi, January, 2023
Doctorate, Doctorate, Lokman Hekim University, December, 2022
Associate Professor Exam, Associate Professor Exam, Lokman Hekim Üniversitesi, December, 2022
Committee Of Expert, Committee Of Expert, Lokman Hekim Üniversitesi, November, 2022
Doctorate, Doctorate, Lokman Hekim Üniversitesi, September, 2022
Post Graduate, Post Graduate, Ankara Üniversitesi, April, 2022
Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Karamanoğlu Mehmetbey Üniversitesi, February, 2022
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, January, 2022

Post Graduate, Post Graduate, The American University in Cairo, November, 2021
Appointment to Academic Staff-Professorship, Appointment Academic Staff, Sağlık Bilimleri Üniversitesi, September, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, June, 2021
PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, January, 2021
Doctorate, Doctorate, The American University in Cairo, March, 2020

Taught Courses And Trainings

Turan B., Diyabet, 2022 - 2022

Research Infrastructure Information

Turan B., 6550 MÜKEMMELLİYET MERKEZLERİ ALT YAPI OLUŞTURMA , December 2022
Turan B., Moleküler ve Hücre Araştırma Laboratuvarının kurulması, January 2022

Published journal articles indexed by SCI, SSCI, and AHCI

I. **Cardioprotective role of a magnolol and honokiol complex in the prevention of doxorubicin-mediated cardiotoxicity in adult rats**
Aktay I., BİTİRİM C. V., OLĞA R Y., DURAK A., TUNCAY E., BİLLUR D., AKÇALI K. C., TURAN B.
Molecular and Cellular Biochemistry, vol.479, no.2, pp.337-350, 2024 (SCI-Expanded)

II. **The Role of Zinc on Liver Fibrosis by Modulating ZIP14 Expression Throughout Epigenetic Regulatory Mechanisms**
Aksoy-Ozer Z. B., BİTİRİM C. V., TURA N B., AKÇALI K. C.
Biological Trace Element Research, 2024 (SCI-Expanded)

III. **An increase in intercellular crosstalk and electrotonic coupling between cardiomyocytes and nonmyocytes reshapes the electrical conduction in the metabolic heart characterized by short QT intervals in ECGs.**
Billur D., Olgar Y., Durak A., Yozgat A. H., Unay S., Tuncay E., Turan B.
Cell biochemistry and function, 2023 (SCI-Expanded)

IV. **Overexpression of Slc30a7/ZnT7 increases the mitochondrial matrix levels of labile Zn2+ and modifies histone modification in hyperinsulinemic cardiomyoblasts**
TUNCAY E., Aktay I., TURAN B.
Journal of Trace Elements in Medicine and Biology, vol.78, 2023 (SCI-Expanded)

V. **Morphological and Functional Analysis of Cardiac Ameliorations in Elderly Rats Supplemented with a Magnolol Extract Complex Análisis Morfológico y Funcional de las Mejoras Cardíacas en Ratas Ancianas Suplementadas con un Complejo de Extracto de Magnolol**
BİLLUR D., Aktay I., Bayram P., BİTİRİM C. V., TURAN B.
Internat ional Journal of Morphology, vol.41, no.3, pp.915-925, 2023 (SCI-Expanded)

VI. **The cardioprotective role of sirtuins is mediated in part by regulating KATP channel surface expression**
TUNCAY E., Gando I., Huo J., Yepuri G., Sampler N., TURAN B., Yang H., Ramasamy R., Coetzee W. A.
American journal of p hysiology. Cell physiology, vol.324, no.5, 2023 (SCI-Expanded)

VII. **Liraglutide provides cardioprotection through the recovery of mitochondrial dysfunction and oxidative stress in aging hearts**

DURAK A., TURAN B.
Journal of Physiology and Biochemistry, vol.79, no.2, pp.297-311, 2023 (SCI-Expanded)

VIII. **Comparisons of pleiotropic effects of SGLT2 inhibition and GLP-1 agonism on cardiac glucose intolerance in heart dysfunction**
TURAN B., DURAK A., OLĞAR Y., TUNCAY E.
Molecu lar and Cellular Biochemistry, vol.477, no.11, pp.2609-2625, 2022 (SCI-Expanded)

IX. **Intracellular Redistribution of Left Ventricular Connexin 43 Contributes to the Remodeling of Electrical Properties of the Heart in Insulin-resistant Elderly Rats**
BİLLUR D., OLĞAR Y., TURAN B.
Journal of Histochemistry and Cytochemistry, vol.70, no.6, pp.447-462, 2022 (SCI-Expanded)

X. **Bimodal Effects of P2Y12 Antagonism on Matrix Metalloproteinase–Associated Contractile Dysfunction in İnsulin-Resistant Mammalian Heart**
OLĞA R Y., TUNCAY E., BİLLUR D., Turan B.
Biological Trace Element Research, vol.200, no.5, pp.2195-2204, 2022 (SCI-Expanded)

XI. **STIM1-Orai1 interaction mediated calcium influx activation contributes to cardiac contractility of insulin-resistant rats**
DURAK A., OLĞAR Y., Genc K., TUNCAY E ., AKAT F., DEĞİRMENCİ S., Turan B.
BMC CARDIOVASCULAR DISORDERS, vol.22, no.1, 2022 (SCI-Expanded)

XII. **Cardioprotective effect of extracellular vesicles derived from ticagrelor-pretreated cardiomyocyte on hyperglycemic cardiomyocytes through alleviation of oxidative and endoplasmic reticulum stress**
BİTİRİM C. V., Ozer Z. B., Aydos D., Genc K., Demirsoy S., AKÇALI K. C., Turan B.
SCIENTIFIC REPORTS, vol.12, no.1, 2022 (SCI-Expanded)

XIII. **Insulin acts as an atypical KCNQ1/KCNE1-current activator and reverses long QT in insulin-resistant aged rats by accelerating the ventricular action potential repolarization through affecting the β3-adrenergic receptor signaling pathway**
OLĞAR Y., DURAK A., BİTİRİM C. V., TUNCAY E., Turan B.
Journal of Cellular Physiology, vol.237, no .2, pp.1353-1371, 2022 (SCI-Expanded)

XIV. **Modulatory role of OKG on delayed rectifier potassium channels in ventricular cardiomyocytes from metabolic syndrome rats**
TUNCAY E., OLĞAR Y., DURAK A., BİTİRİM C. V., Turan B.
BIOPHYSICAL JOURNAL, vol.121, no.3, 2022 (SCI-Expanded)

XV. **Insulin-induced recovery in KCNQ1/KCNE1-current accelerates the ventricular action potential repolarization in insulin-resistant aged-rats via affecting beta(3)-adrenergic receptors**
OLĞAR Y., DURAK A., BİTİRİM C. V., TUNCAY E., Turan B.
BIOPHYSICAL JOURNAL, vol.121, no.3, pp.87, 2022 (SCI-Expanded)

XVI. **Glucagon-like peptide-1 receptor agonist treatment of high carbohydrate intake-induced metabolic syndrome provides pleiotropic effects on cardiac dysfunction through alleviations in electrical and intracellular Ca2+ abnormalities and mitochondrial dysfunction**
DURAK A., AKKUŞ E., GÖKÇAY CANPOLAT A., TUNCAY E., ÇORAPÇIOĞLU D., Turan B.
Clinical and Experimental Pharmacology and Physiology, vol.49, no.1, pp.46-59, 2022 (SCI-Expanded)

XVII. **IMproving Preclinical Assessment of Cardioprotective Therapies (IMPACT) criteria: guidelines of the EU-CARDIOPROTECTION COST Action**
Lecour S., Andreadou I., Bøtker H. E., Davidson S. M., Heusch G., Ruiz-Meana M., Schulz R., Zuurbier C. J., Ferdinandy P., Hausenloy D. J., et al.
Basic Research in Cardiolo gy, vol.116, no.1, 2021 (SCI-Expanded)

XVIII. **Ticagrelor alleviates high-carbohydrate intake induced altered electrical activity of ventricular cardiomyocytes by regulating sarcoplasmic reticulum–mitochondria miscommunicatio m**
OLĞAR Y., DURAK A., Degirmenci S., TUNCAY E., BİLLUR D., ÖZDEMİR S., Turan B.
Molecular and Cellular Biochemistry, vol.476, no.10, pp.3827-3844, 2021 (SCI-Expanded)

XIX. **Evaluation of the Effects of Aging on the Aorta Stiffness in Relation with Mineral and Trace Element Levels: an Optimized Method via Custom-Built Stretcher Device**

Aydemir D., Salman N., Karimzadehkhouei M., Alaca B. E., TURAN B., Ulusu N. N.
Biological Trace Element Research, vol.199, no.7, pp.2644-2652, 2021 (SCI-Expanded)

XX. **Molecular and Electrophysiological Role of Diabetes-Associated Circulating Inflammatory Factors in Cardiac Arrhythmia Remodeling in a Metabolic-Induced Model of Type 2 Diabetic Rat**
Zayas-Arrabal J., Alquiza A., TUNCAY E., Turan B., Gallego M., Casis O.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, vol.22, no.13, 2021 (SCI-Expanded)

XXI. **Mitochondrial ROS and mitochondria-targeted antioxidants in the aged heart**
Bou-Teen D., Kaludercic N., Weissman D., Turan B., Maack C., Di Lisa F., Ruiz-Meana M.
FREE RADICAL BIOLOGY AND MEDICINE, vol.167, pp.109-124, 2021 (SCI-Expanded)

XXII. **Interrelated In Vitro Mechanisms of Sibutramine-Induced Cardiotoxicity**
Alyu F., OLĞAR Y., DEĞİRMENCİ S., Turan B., ÖZTÜRK Y.
Cardiovascular Toxicology, vol.21, no.4, pp.322-335, 2021 (SCI-Expanded)

XXIII. **The role of labile Zn2+ and Zn2+-transporters in the pathophysiology of mitochondria dysfunction in cardiomyocytes**
Turan B., TUNCAY E.
MOLECULAR AND CELLULAR BIOCHEMISTRY, vol.476, no.2, pp.971-989, 2021 (SCI-Expanded)

XXIV. **The Relationship Between Metabolic Syndrome Development and Tissue Trace Elements Status and Inflammatory Markers**
Akdas S., TURAN B., DURAK A., ARIBAL AYRAL P., YAZIHAN N.
Biological Trace Element Research, vol.198, no.1, pp.16-24, 2020 (SCI-Expanded)

XXV. **Ageing-associated increase in SGLT2 disrupts mitochondrial/sarcoplasmic reticulum Ca2+ homeostasis and promotes cardiac dysfunction**
OLĞAR Y., TUNCAY E., DEĞİRMENCİ S., BİLLUR D., Dhingra R., Kirshenbaum L., TURAN B.
Journal of Cellular and Molecular Medicine, vol.24, no.15, pp.8567-8578, 2020 (SCI-Expanded)

XXVI. **Olive oil attenuates oxidative damage by improving mitochondrial functions in human keratinocytes**
YAZIHAN N., Akdas S., OLĞAR Y., Biriken D., TURAN B., ÖZKAYA M. T.
Journal of Functional Foods, vol.71, 2020 (SCI-Expanded)

XXVII. **Titin and CK2α are New Intracellular Targets in Acute Insulin Application-Associated Benefits on Electrophysiological Parameters of Left Ventricular Cardiomyocytes From Insulin-Resistant Metabolic Syndrome Rats**
DURAK A., BİTİRİM C. V., TURAN B.
Cardiovascular Drugs an d Therapy, vol.34, no.4, pp.487-501, 2020 (SCI-Expanded)

XXVIII. **MitoTEMPO provides an antiarrhythmic effect in aged-rats through attenuation of mitochondrial reactive oxygen species**
OLĞAR Y., BİLLUR D., TUNCAY E., TURAN B.
Experimental Gerontology, vol.136, 2020 (SCI-Expanded)

XXIX. **Ticagrelor reverses the mitochondrial dysfunction through preventing accumulated autophagosomes-dependent apoptosis and ER stress in insulin-resistant H9c2 myocytes**
OLĞAR Y., TUNCAY E., BİLLUR D., DURAK A., ÖZDEMİR S., TURAN B.
Molecular and Ce llular Biochemistry, vol.469, no.1-2, pp.97-107, 2020 (SCI-Expanded)

XXX. **The role of mitochondrial reactive oxygen species, NO and H2S in ischaemia/reperfusion injury and cardioprotection**
Andreadou I., Schulz R., Papapetropoulos A., TURAN B., Ytrehus K., Ferdinandy P., Daiber A., Di Lisa F.
Journal of Cellular and Molecular Medicine, vol.24, no.12, pp.6510-6522, 2020 (SCI-Expanded)

XXXI. **Altered mitochondrial metabolism in the insulin-resistant heart**
Makrecka-Kuka M., Liepinsh E., Murray A. J., Lemieux H., Dambrova M., Tepp K., Puurand M., Käämbre T., Han W. H., de Goede P., et al.
Acta Physiologica, vol.228, no.3, 2020 (SCI-Expanded)

XXXII. **Differential expression of genes participating in cardiomyocyte electrophysiological remodeling via membrane ionic mechanisms and Ca2+-handling in human heart failure**
Kepenek E. S., ÖZÇINAR E., TUNCAY E., AKÇALI K. C., AKAR A. R., TURAN B.

Molecular and Cellular Biochemistry, vol.463, no.1-2, pp.33-44, 2020 (SCI-Expanded)

XXXIII. **Azoramide improves mitochondrial dysfunction in palmitate-induced insulin resistant H9c2 cells**
Okatan E. N., OLĞAR Y., TUNCAY E., TURAN B.
Molecular and Cellular Biochemistry, vol.461, no.1-2, pp.65-72, 2019 (SCI-Expa nded)

XXXIV. **ß 3 -adrenergic receptor activation plays an important role in the depressed myocardial contractility via both elevated levels of cellular free Zn 2+ and reactive nitrogen species**
TUNCAY E., OLĞAR Y., DURAK A., D EĞİRMENCİ S., BİTİRİM C. V., TURAN B.
Journal of Cellular Physiology, vol.234, no.8, pp.13370-13386, 2019 (SCI-Expanded)

XXXV. **Mitochondria-targeting antioxidant provides cardioprotection through regulation of cytosolic and mitochondrial Zn2+ levels with re-distribution of Zn2+-transporters in aged rat cardiomyocytes**
OLĞAR Y., TUNCAY E., TURAN B.
International Journal of Molecular Sciences, vol.20, no.15, 2019 (SCI-Expanded)

XXXVI. **A Brief Overview from the Physiological and Detrimental Roles of Zinc Homeostasis via Zinc Transporters in the Heart**
TURAN B.
Biological Trace Element Research, vol.188, no.1, pp.160-176, 2019 (SCI-Expanded)

XXXVII. **Zn 2 + -transporters ZIP7 and ZnT7 play important role in progression of cardiac dysfunction via affecting sarco((endo))plasmic reticulum-mitochondria coupling in hyperglycemic cardiomyocytes**
TUNCAY E., BİTİRİM C. V., OLĞAR Y., DURAK A., Rutter G. A., TURAN B.
Mitochondrion, vol.44, pp.41-52, 2019 (SCI-Expanded)

XXXVIII. **The contribution of phosphodiesterases to cardiac dysfu nction in rats with metabolic syndrome induced by a high-carbohydrate diet**
Okatan E. N., TURAN B.
Canadian Journal of Physiology and Pharmacology, vol.97, no.11, pp.1064-1072, 2019 (SCI-Expanded)

XXXIX. **A sodium-glucose cotransporter 2 (SGLT2) inhibitor dapagliflozin comparison with insulin shows important effects on zn2+-transporters in cardiomyocytes from insulin-resistant metabolic syndrome rats through inhibition of oxidative stress**
OLĞAR Y., TURAN B.
Canadian Journal of Physiology and Pharmacology, vol.97, no.6, pp.528-535, 201 9 (SCI-Expanded)

XL. **Effects of timolol treatment on pancreatic antioxidant enzymes in streptozotocin-induced diabetic rats: An experimental and computational study**
Ulusu N. N., GÖK M., Erman B., TURAN B.
Journal of Medical Biochemistry, vol.38, no.3, pp.306-316 , 2019 (SCI-Expanded)

XLI. **Pioglitazone provides beneficial effect in metabolic syndrome rats via affecting intracellular Na + Dyshomeostasis**
BİLGİNOĞLU A., Selcuk M. F. T., NAKKAŞ H., TURAN B.
Journal of Bioenergetics and Biomembranes, vol.50, no.6, pp.437-445, 2018 (SCI-Expanded)

XLII. **A SGLT2 inhibitor dapagliflozin suppresses prolonged ventricular-repolarization through augmentation of mitochondrial function in insulin-resistant metabolic syndrome rats**
DURAK A., OLĞAR Y., DEĞİRMENCİ S., AKKUŞ E., TUNCAY E., TURAN B .
Cardiovascular Diabetology, vol.17, no.1, 2018 (SCI-Expanded)

XLIII. **Aging related functional and structural changes in the heart and aorta: MitoTEMPO improves aged-cardiovascular performance**
OLĞAR Y., DEĞİRMENCİ S., DURAK A., BİLLUR D., CAN B., Mutlu G. K., Inan E. A., TURAN B.
Experimental Gerontology, vol.110, pp.172-181, 2018 (SCI-Expanded)

XLIV. **Cytosolic increased labile Zn2+ contributes to arrhythmogenic action potentials in left ventricular cardiomyocytes through protein thiol oxidation and cellular ATP depletion**
DEĞİRMENCİ S., OLĞAR Y., DURAK A., TUNCAY E., TURAN B.
Journal of Trace Elements in Medicine and Biology, vol.48, pp.202-212, 2018 (SCI-Expanded)

XLV. **Demonstration of subcellular migration of CK2α localization from nucleus to sarco(endo)plasmic reticulum in mammalian cardiomyocytes under hyper glycemia**

BİTİRİM C. V., TUNCAY E., TURAN B.
Molecular and Cellular Biochemistry, vol.443, no.1-2, pp.25-36, 2018 (SCI-Expanded)

XLVI. **Intermittent hypoxia induces beneficial cardiovascular remodeling in left ventricular function of type 1 diabetic rat**
AKAT F., FIÇICILAR H., DURAK A., TUNCAY E., D ursun A. D., TOPAL ÇELİKKAN F., SABUNCUOĞLU B., TURAN B., BAŞTUĞ M.
Anatolian Journal of Cardiology, vol.19, no.4, pp.259-266, 2018 (SCI-Expanded)

XLVII. **Increased free Zn2+ correlates induction of sarco(endo)plasmic reticulum stress via altered expression levels of Zn2+-transporters in heart failure**
OLĞAR Y., DURAK A., TUNCAY E., BİTİRİM C. V., ÖZÇINAR E., İNAN M. B., Tokcaer-Keskin Z., AKÇALI K. C., AKAR A. R., TURAN B.
Journal of Cellular and Molecular Medicine, vol.22, no.3, pp.1944-1956, 2018 (SCI-Expanded)

XLVIII. **Induction of endoplasmic reticulum stress and changes in expression levels of Zn2+-transporters in hypertrophic rat heart**
OLĞAR Y., ÖZDEMİR S., TURAN B.
Molecular and Cellular Biochemistry, vol.440, no.1-2, pp.209-219, 2018 (SCI-Expanded)

XLIX. **Impact of labile zinc on heart function: From physiology to pathophysiology**
TURAN B., TUNCAY E.
Intern ational Journal of Molecular Sciences, vol.18, no.11, 2017 (SCI-Expanded)

L. **Rho-kinase inhibition reverses impaired Ca2+ handling and associated left ventricular dysfunction in pressure overload-induced cardiac hypertrophy**
OLĞAR Y., Celen M. C., Yamasan B. E., Ozturk N., TURAN B., ÖZDEMİR S.
Cell Calcium, vol.67, pp.81-90, 2017 (SCI-Expanded)

LI. **European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS)**
Egea J., Fabregat I., Frapart Y. M., Ghezzi P., Görlach A., Kietzmann T., Kubaichuk K., Knaus U. G., Lopez M. G., Olaso-Gonzalez G., et al.
Redox Biology, vol.13, pp.94-162, 2017 (SCI-Expanded)

LII. **Cardioprotective Action of Intermittent Hypoxia on Left Ventricle Function in Type I Diabetic Rats**
AKAT F., Ficicrilar H., BAŞTUĞ M., TUNCAY E., DURAK A., Dursun A. D., Celikkan F. T., SABUNCUOĞLU B., TURAN B.
ACTA PHYSIOLOGICA, vol.221, pp.22, 2017 (SCI-Expanded)

LIII. **Hyperglycemia-induced changes in ZIP7 and ZnT7 expression cause Zn2+ release from the sarco(endo)plasmic reticulum and mediate ER stress in the heart**
TUNCAY E., BİTİRİM C. V., DURAK A., Carrat G. R. J., Taylor K. M., Rutter G. A., TURAN B.
Diabetes, vol.66, no.5, pp.1346-1358, 2017 (SCI-Expanded)

LIV. **Onset of decreased heart work is correlated with increased heart rate and shortened QT interval in high-carbohydrate fed overweight rats**
DURAK A., OLĞAR Y., TUNCAY E., Karaomerlioglu I., KAYKI MUTLU G., ARIOĞLU İNAN E., ALTAN V. M., TURAN B.
Canadian Journal of Physiology and Pharmacology, vol.95, no.11, pp.1335-1342, 2017 (SCI-Expanded)

LV. **Interplay Between Cytosolic Free Zn2+ and Mitochondrion Morphological Changes in Rat Ventricular Cardiomyocytes**
BİLLUR D., TUNCAY E., Okatan E. N., OLĞAR Y., Durak A. T., DEĞİRMENCİ S., CAN B., TURAN B.
Biological Trace Element Research, vol.174, no.1, pp.177-188, 2016 (SCI-Expanded)

LVI. **Both Reactive ROS and RNS Contribute to Intracellular Free Zn2+ Regulation in Cardiomyocytes Via Zinc Transporter ZIP7 Under Hyperglycemia**
TUNCAY E., Bitirim V., DURAK A., Rutter G. A., TURAN B.
FREE RADICAL BIOLOGY AND MEDICINE, vol.100, 2016 (SCI-Expanded)

LVII. **Enhanced Antioxidant-Defense Preserves Cardiac Dysfunction via Regulation of Cytosolic Levels of Zn and Ca Ions in Hyperglycemic Cardiomyocytes**
TURAN B., TUNCAY E.
FREE RADICAL BIOLOGY AND MEDICINE, vol.100, 2016 (SCI-Expanded)

LVIII. **A comparative summary on antioxidant-like actions of timolol with other antioxidants in diabetic cardiomyopathy**
TURAN B.
Current Drug Delivery, vol.13, no.3, pp.418-423, 2016 (SCI-Expanded)

LIX. **Electrophysiological basis of metabolic-syndrome-induced cardiac dysfunction**
Okatan E. N., Durak A. T., TURAN B.
Canadian Journal of Physiology and Pharmacology, vol.94, no.10, pp.1064-1073, 2016 (SCI-Expanded)

LX. **Intracellular Zn2+ Increase in Cardiomyocytes Induces both Electrical and Mechanical Dysfunction in Heart via Endogenous Generation of Reactive Nitrogen Species**
TUNCAY E., TURAN B.
Biological Trace Element Research, vol.169, no.2, pp.294-302, 2016 (SCI-Expanded)

LXI. **Effects of metabolic syndrome on masseter muscle of male Wistar rats**
TÜKEL H. C., ALPTEKİN Ö., TURAN B., Delilbaşi E.
European Journal of Oral Sciences, vol.123, no.6, pp.432-438, 2015 (SCI-Expanded)

LXII. **Immuno-spin trapping detection of antioxidant/pro-oxidant properties of zinc or selenium on DNA and protein radical formation via hydrogen peroxide**
Deletioglu V., TUN CAY E., Toy A., Atalay M., TURAN B.
Molecular and Cellular Biochemistry, vol.409, no.1-2, pp.23-31, 2015 (SCI-Expanded)

LXIII. **Profiling of cardiac β-adrenoceptor subtypes in the cardiac left ventricle of rats with metabolic syndrome: Comparison with streptozotocin-induced diabetic rats**
Okatan E. N., TUNCAY E., Hafez G., TURAN B.
Canadian Journal of Physiology and Pharmacology, vol.93, no.7, pp.517-525, 2015 (SCI-Expanded)

LXIV. **Regulation of cardiac β3-adrenergic receptors in hyperglycemia**
TURAN B., TUNCAY E.
Indian Journal of Biochemistry and Biophysics, vol.51, no.6, pp.483-492 , 2014 (SCI-Expanded)

LXV. **Regulation of Cardiac beta(3)-Adrenergic Receptors in Hyperglycemia**
Turan B., TUNCAY E.
INDIAN JOURNAL OF BIOCHEMISTRY & BIOPHYSICS, vol.51, no.6, pp.483-492, 2014 (SCI-Expanded)

LXVI. **Beta-blocker timolol alleviates hyperglycemia-induced cardiac damage via inhibition of endoplasmic reticulum stress**
Cicek F. A., Toy A., TUNCAY E., CAN B., TURAN B.
Journal of Bioenergetics and Biomembranes, vol.46, no.5, pp.377-387, 2014 (SCI-Expanded)

LXVII. **Mitochondrial and ER-targeted eCALWY probes reveal high levels of free Zn2+**
Chab osseau P., TUNCAY E., Meur G., Bellomo E. A., Hessels A., Hughes S., Johnson P. R. V., Bugliani M., Marchetti P., TURAN B., et al.
ACS Chemical Biology, vol.9, no.9, pp.2111-2120, 2014 (SCI-Expanded)

LXVIII. **Increased oxidative stress triggers marked intracellular zinc elevation in cardiomyocytes under hyperglycaemia**
TUNCAY E., Lyon A., Rutter G. A., TURAN B.
DIABETIC MEDICINE, vol.31, pp.55, 2014 (SCI-Expanded)

LXIX. **Sex Differences and Diabetes Mellitus in Cardiovascular Function**
ÖZDEMİR S., YARAŞ N., Turan B.
DIABETIC CARDIOMYOPATHY: BIOCHEMICAL AND MOLECULAR MECHANISMS, vol.9, pp.159-176, 2014 (SCI-Expanded)

LXX. **Diabetic Cardiomyopathy Biochemical and Molecular Mechanisms Preface**
TURAN B., Dhalla N. S.
DIABETIC CARDIOMYOPATHY: BIOCHEMICAL AND MOLECULAR MECHANISMS, vol.9, 2014 (SCI-Expanded)

LXXI. **Enhancement of cellular antioxidant-defence preserves diastolic dysfunction via regulation of both diastolic Zn2+ and Ca2+ and prevention of RyR2-leak in hyperglycemic cardiomyocytes**
TUNCAY E., Okatan E. N., Toy A., TURAN B.
Oxidative Medicine and Cellular Longevity, vol.2014, 2014 (SCI-Expanded)

LXXII. **Improvement of functional recovery of donor heart following cold static storage with doxycycline cardioplegia**
Ozcinar E., Okatan E. N., TUNCAY E., ERYILMAZ S., TURAN B.
Cardiovascular Toxicology, vol.14, no.1, pp.64-73, 2014 (SCI-Expanded)

LXXIII. **A Critical Balance Between Oxidative Stress and Antioxidant Defense in Cardiovascular System Under Hyperglycemia: A Summary of Experimental Studies**
Ayaz M., Turan B.
DIABETIC CARDIOMYOPATHY: BIOCHEMICAL AND MOLECULAR MECHANISMS, vol.9, pp.123-141, 2014 (SCI-Expanded)

LXXIV. **Regulation of cardiac β3-adrenergic receptors in hyperglycemia**
TURAN B., TUNCAY E.
Indian Journal of Geo-Marine Sciences, vol.51, no.6, pp.483-492, 2014 (SCI-Expanded)

LXXV. **Comparative investigation of kidney mesangial cells from increased oxidative stress-induced diabetic rats by using different microscopy techniques**
Sargin A. K., CAN B., TURAN B.
Molecular and Cellular Biochemistry, vol.390, no.1-2, pp.41-49, 2014 (SCI-Expanded)

LXXVI. **Long-term treatment with a beta-blocker timolol attenuates renal-damage in diabetic rats via enhancing kidney antioxidant-defense system**
Gokturk H., Ulusu N. N., GÖK M., TUNCAY E., CAN B., TURAN B.
Molecular and Cellular Biochemistry, vol.395, no.1-2, pp.177-186, 2014 (SCI-Expanded)

LXXVII. **Preface**
TURAN B., Dhalla N. S.
Diabetic Cardiomyopathy: Biochemical and Molecular Mechanisms, vol.9, pp.1-416, 2014 (SCI-Expanded)

LXXVIII. **Cardioprotective effect of selenium via modulation of cardiac ryanodine receptor calcium release channels in diabetic rat cardiomyocytes through thioredoxin system**
Okatan E. N., TUNCAY E., TURAN B.
Journal of Nutritional Biochemistry, vol.24, no.12, pp.21 10-2118, 2013 (SCI-Expanded)

LXXIX. **Relationship Between Downregulation of miRNAs and Increase of Oxidative Stress in the Development of Diabetic Cardiac Dysfunction: Junctin as a Target Protein of miR-1**
Yildirim S. S., Akman D., Cataluc ci D., TURAN B.
Cell Biochemistry and Biophysics, vol.67, no.3, pp.1397-1408, 2013 (SCI-Expanded)

LXXX. **ß-Blocker Timolol Prevents Arrhythmogenic Ca2+ Release and Normalizes Ca2+ and Zn2+ Dyshomeostasis in Hyperglycemic Rat Heart**
TUNCAY E., Okatan E. N., Vassort G., TURAN B.
PLoS ONE, vol.8, no.7, 2013 (SCI-Expanded)

LXXXI. **Intracellular levels of Na+ and TTX-sensitive Na+ channel current in diabetic rat ventricular cardiomyocytes**
Bilginoglu A., KANDİLCİ H. B., TURAN B.
Cardiovascular Toxicology, vol.13, no.2, pp.138-147, 2013 (SCI-Expanded)

LXXXII. **Role of ROCK upregulation in endothelial and smooth muscle vascular functions in diabetic rat aorta**
Cicek F. A., KANDİLCİ H. B., TURAN B.
Cardiovascular Diabetology, vol.12, no.1, 2013 (SCI-Expanded)

LXXXIII. **EFFECTS OF MATRIX METALLOPROTEINASE INHIBITOR DOXYCYCLINE IN COLD STORED DONOR HEARTS: AN EXPERIMENTAL MODEL**
ÖZÇINAR E., TUNCAY E., Okatan E. N., ERYILMAZ S., TURAN B., Uysalel A.
INTERNATIONAL JOURNAL OF CARDIOLOGY, vol.163, 2013 (SCI-Expanded)

LXXXIV. **Resveratrol and diabetic cardiac function: focus on recent in vitro and in vivo studies**
Turan B., TUNCAY E., Vassort G.
JOURNAL OF BIOENERGETICS AND BIOMEMBRANES, vol.44, no.2, pp.281-296, 2012 (SCI-Expanded)

LXXXV. **Cardioprotective Roles of Selenium in Diabetes**
Turan B., Vassort G.

NUTRITIONAL AND THERAPEUTIC INTERVENTIONS FOR DIABETES AND METABOLIC SYNDROME, pp.331-340, 2012 (SCI-Expanded)

LXXXVI. **Cardioprotective effect of propranolol on diabetes-induced altered intracellular Ca 2+ signaling in rat**
TUNCAY E., Zeydanli E. N., TURAN B.
Journal of Bioenergetics and Biomembranes, v ol.43, no.6, pp.747-756, 2011 (SCI-Expanded)

LXXXVII. **Ryanodine receptor: A new therapeutic target to control diabetic cardiomyopathy**
TURAN B., Vassort G.
Antioxidants and Redox Signaling, vol.15, no.7, pp.1847-1861, 2011 (SCI-Expanded)

LXXXVIII. **Vitamin E in oxidant stress-related cardiovascular pathologies: Focus on experimental studies**
TURAN B., Vassort G.
Current Pharmaceutical Design, vol.17, no.21, pp.2155-2169, 2011 (SCI-Expanded)

LXXXIX. **Doxycycline ameliorates vascular endothelial and contractile dysfunction in the thoracic aorta of diabetic rats**
Zeydanli E. N., KANDİLCİ H. B., TURAN B.
Cardiovascular Toxicology, vol.11, no.2, pp.134-147, 2011 (SCI-Expanded)

XC. **Treatments with sodium selenate or doxycycline offset diabetes-induced perturbations of thioredoxin-1 levels and antioxidant capacity**
Atalay M., Bilginoglu A., Kokkola T., Oksala N., TURAN B.
Molecular and Cellular Biochemistry, vol.351, no.1-2, pp.125-131, 2011 (SCI-Expanded)

XCI. **Profound cardioprotection with timolol in a female rat model of aging-related altered left ventricular function**
Sozmen N. N., TUNC AY E., Bilginoglu A., TURAN B.
Canadian Journal of Physiology and Pharmacology, vol.89, no.4, pp.277-288, 2011 (SCI-Expanded)

XCII. **Intracellular free zinc during cardiac excitationcontraction cycle: Calcium and redox dependencies**
TUNCAY E., Bilginoglu A., Sozmen N. N., Zeydanli E. N., UĞUR M., Vassort G., TURAN B.
Cardiovascular Research, vol.89, no.3, pp.634-642, 2011 (SCI-Expanded)

XCIII. **Age-related regulation of excitation-contraction coupling in rat heart**
KANDİLCİ H. B., TUNCAY E., Zeydanli E. N., Sozmen N. N., TURAN B.
Journal of Physiology and Biochemistry, vol.67, no.3, pp.317-330, 2011 (SCI-Expanded)

XCIV. **Role of antioxidants in redox regulation of diabetic cardiovascular complications**
TURAN B.
Current Pharmaceutical Biotechnology, vol.11, no.8, pp.819-836, 2010 (SCI-Expanded)

XCV. **Antioxidant treatment protects diabetic rats from cardiac dysfunction by preserving contractile protein targets of oxidative stress**
Aydemir-Koksoy A., Bilginoglu A., Sariahmetoglu M., Schulz R., TURAN B.
Journal of Nutritional Biochemistry, vol.21, no.9, pp.827-833, 2010 (SCI-Expanded)

XCVI. **Cardioprotective effects of 44Bu, a newly synthesized compound, in rat heart subjected to ischemia/reperfusion injury**
Basgut B., Kayki G., Bartosova L., ÖZAKCA GÜNDÜZ I., Seymen A., KANDİLCİ H. B., UĞUR M., TURAN B., ÖZÇELİKAY A. T.
European Journal of Pharmacology, vol.640, no.1-3, pp.117-123, 2010 (SCI-Expanded)

XCVII. **Protective role of antioxidants in diabetes-induced cardiac dysfunction**
Vassort G., TURAN B.
Cardiovascular Toxicology, vol.10, no.2, pp.73-86, 2010 (SCI-Expanded)

XCVIII. **Selenium restores defective beta-adrenergic receptor response of thoracic aorta in diabetic rats**
Zeydanli E. N., Bilginoglu A., Tanriverdi E., GÜRDAL H., TURAN B.
Molecula r and Cellular Biochemistry, vol.338, no.1-2, pp.191-201, 2010 (SCI-Expanded)

XCIX. **Trimethyl chitosan nanoparticles enhances dissolution of the poorly water soluble drug Candesartan-Cilexetil**
GEÇER A., YILDIZ N., Çalımlı A., TURAN B.

Macromolecular Research, vol.18, no.10, pp.986-991, 2010 (SCI-Expanded)

C. **Omega-3E treatment regulates matrix metalloproteinases and prevents vascular reactivity alterations in diabetic rat aorta**
Zeydanli E. N., TURAN B.
Canadian Journal of Physiology and Pharmacology, vol.87, no.12 , pp.1063-1073, 2009 (SCI-Expanded)

CI. **Effects of β-adrenergic receptor blockers on cardiac function: A comparative study in male versus female rats**
TUNCAY E., Seymen A. A., Sam P., GÜRDAL H., TURAN B.
Canadian Journal of Physiology and Pharmacology, vol.87, no.4, pp.310-317, 2009 (SCI-Expanded)

CII. **Antioxidants but not doxycycline treatments restore depressed beta-adrenergic responses of the heart in diabetic rats**
Bilginoglu A., Seymen A., TUNCAY E., Zeydanli E., Aydemir-Koksoy A., TURAN B.
Cardiovascular Toxicology, vol.9, no.1, pp.21-29, 2009 (SCI-Expanded)

CIII. **Introduction Introduction**
TURAN B., Vassort G.
Canadian Journal of Physiology and Pharmacology, vol.87, no.2, 2009 (SCI-Expanded)

CIV. **Angiotensin II receptor blockage prevents diabetes-induced oxidative damage in rat heart**
ÖZDEMİR S., Tandogan B., Ulusu N., TURAN B.
Folia Biologica, vol.55, no.1, pp. 11-16, 2009 (SCI-Expanded)

CV. **Protective action of doxycycline against diabetic cardiomyopathy in rats**
Yaras N., Sariahmetoglu M., Bilginoglu A., Aydemir-Koksoy A., Onay-Besikci A., TURAN B., Schulz R.
British Journal of Pharmacology, vol.155, no.8, pp.1174-1184, 2008 (SCI-Expanded)

CVI. **Selenium inhibits proliferation signaling and restores sodium//potassium pump function of diabetic rat aorta**
Aydemir-Koksoy A., TURAN B.
Biological Trace Element Research, vol.126, no.1-3, pp.237-245, 2008 (SCI-Expanded)

CVII. **Effects of selenium supplementation on rat heart apex and right ventricle myocardia by using FTIR spectroscopy: A cluster analysis and neural network approach**
Toyran N., Severcan F., Severcan M., TURAN B.
Food Chemistry, vol.110, no.3, pp.590-597, 2008 (SCI-Expanded)

CVIII. **Sex-related effects on diabetes-induced alterations in calcium release in the rat heart**
Yaras N., TUNCAY E., PURALI N., Sahinoglu B., Vassort G., TURAN B.
American Journal of Physiology - Heart and Circulatory Physiology, vol.293, no.6, 2007 (SCI-Expanded)

CIX. **The role of gender differences in beta-adrenergic receptor responsiveness of diabetic rat heart**
Bilginoglu A., Amber Cicek F., UĞUR M., GÜRDAL H., TURAN B.
Molecular and Cellular Biochemistry, vol.305, no.1-2, pp.63-69, 2007 (SCI-Expanded)

CX. **Gender related differential effects of Omega-3E treatment on diabetes-induced left ventricular dysfunction**
TUNCAY E., Seymen A. A., Tanriverdi E., Yaras N., Tandogan B., Ulusu N. N., TURAN B.
Molecular and Cellular Biochemistry, vol.304, no.1-2, pp.255-263, 2007 (SCI-Expanded)

CXI. **Resveratrol-induced depression of the mechanical and electrical activities of the rat heart is reversed by glyburide: Evidence for possible KATP channels activation**
Buluc M., Ayaz M., TURAN B., DEMİREL YILMAZ E.
Archives of Pharmacal Research, vol.30, no.5, pp.603-607, 2007 (SCI-Expanded)

CXII. **Selenium alters the lipid content and protein profile of rat heart: An FTIR microspectroscopic study**
Toyran N., TURAN B., Severcan F.
Archives of Biochemistry and Biophysics, vol.458, no.2, pp.184-193, 2007 (SCI-Expanded)

CXIII. **Restoration of diabetes-induced abnormal local Ca2+ release in cardiomyocytes by angiotensin II receptor blockade**
Yaras N., Bilgi noglu A., Vassort G., TURAN B.
American Journal of Physiology - Heart and Circulatory Physiology, vol.292, no.2, 2007 (SCI-Expanded)

CXIV. **Investigation of diabetes-induced effect on apex of rat heart myocardium by using cluster analysis and neural network approach: An FTIR study**
Toyran N., Severcan F., Severcan M., TURAN B.
Spectroscopy, vol.21, no.5-6, pp.269-278, 2007 (SCI-Expanded)

CXV. **Early alterations in myocardia and vessels of the diabetic rat heart: An FTIR microspectroscopic study**
Toyran N., Lasch P., Naumann D., TURAN B., Severcan F.
Biochemical Journal, vol.397, no.3, pp.427-436, 2006 (SCI-Expanded)

CXVI. **Sodium selenite protects against diabetes-induced alterations in the antioxidant defense system of the liver**
Ayaz M., Celik H. A., AYDIN H. H., TURAN B.
Diabetes/Metabolism Research and Reviews, vol.22, no.4, pp.295-299, 2006 (SCI-Expanded)

CXVII. **Selenium prevents diabetes-induced alterations in [Zn2+] i and metallothionein level of rat heart via restoration of cell redox cycle**
Ayaz M., TURAN B.
American Journal of Physiology - Heart and Circulatory Physiology, vol.290, no.3, 2006 (SCI-Expanded)

CXVIII. **Effects of diabetes on ryanodine receptor Ca release channel (RyR2) and Ca2+ homeostasis in rat heart**
Yaras N., UĞUR M., Ozdemir S., GÜRDAL H., PURALI N., Lacampagne A., Vassort G., TURAN B.
Diabetes, vol.54, no.11, pp.3082-3088, 2005 (SCI-Expanded)

CXIX. **NATO Advanced Research Workshop 2005: Introduction**
TURAN B., Slezak J.
Experimental and Clinical Cardiology, vol.10, no.3, pp.141, 2005 (SCI-Expanded)

CXX. **Altered mechanical and electrical activities of the diabetic heart: Possible use of new therapeutics?**
TURAN B., UĞUR M., Ozdemir S., Yaras N.
Experimental and Clinical Cardiology, vol.10, no.3, pp.189-195, 2005 (SCI-Expanded)

CXXI. **Selenium improves cardiac function by attenuating the activation of NF-κB due to ischemia-reperfusion injury**
TURAN B., Saini H. K., Zhang M., Prajapati D., Elimban V., Dhalla N. S.
Antioxidants and Redox Signaling, vol.7, no.9-10, pp.1388-1397, 2005 (SCI-Expanded)

CXXII. **Pentoxifylline attenuates cardiac dysfunction and reduces TNF-α level in ischemic-reperfused heart**
Zhang M., Xu Y., Saini H. K., TURAN B., Liu P. P., Dhalla N. S.
American Journal of Physiology - Heart and Circulatory Physiology, vol.289, no.2 58-2, 2005 (SCI-Expanded)

CXXIII. **Selenium treatment protects diabetes-induced biochemical and ultrastructural alterations in liver tissue**
CAN B., Ulusu N. N., Kilinç K., Acan N. L., Saran Y., TURAN B.
Biological Trace Element Research, vol.105, no.1-3, pp.135-150, 2005 (SCI-Expanded)

CXXIV. **Beneficial effects of selenium on some enzymes of diabetic rat heart**
Ulus u N. N., TURAN B.
Biological Trace Element Research, vol.103, no.3, pp.207-215, 2005 (SCI-Expanded)

CXXV. **Treatment with AT1 receptor blocker restores diabetes-induced alterations in intracellular Ca2+ transients and contractile function of rat myocardium**
Ozdemir S., UĞUR M., GÜRDAL H., TURAN B.
Archives of Biochemistry and Biophysics, vol.435, no.1, pp.166-174, 2005 (SCI-Expanded)

CXXVI. **TNF-α as a potential mediator of cardiac dysfunction due to intracellular Ca 2+-overload**
Zhang M., Xu Y., Saini H. K., TURAN B., Liu P. P., Dhalla N. S.
Biochemical and Biophysical Research Communications, vol.327, no.1, pp.57-63, 2005 (SCI-Expanded)

CXXVII. **Selenium-induced alterations in ionic currents of rat cardiomyocytes**
Ayaz M., Ozdemir S., Yaras N., Vassort G., TURAN B.
Biochemical and Biophysical Research Communications, vol.327, no.1, pp.163-173, 2005 (SCI-Expanded)

CXXVIII. Interpretation of relevance **of sodium-calcium exchange in action potential of diabetic rat heart by**

mathematical model

Yaras N., TURAN B.

Molecular and Cellular Biochemistry, vol.269, no.1, pp.121-129, 2005 (SCI-Expanded)

CXXIX. **Effect of selenite treatment on ultrastructural changes in experimental diabetic rat bones.**

Ozdemir S., Ayaz M., CAN B., TURAN B.

Biological trace element research, vo l.107, no.2, pp.167-179, 2005 (SCI-Expanded)

CXXX. **Effects of selenium on altered mechanical and electrical cardiac activities of diabetic rat**

Ayaz M., Ozdemir S., UĞUR M., Vassort G., TURAN B.

Archives of Biochemistry and Biophysics, vol.426, no.1, pp.83-90, 2004 (SCI-Expanded)

CXXXI. **Alterations in zinc status and tissue structures of heparin-induced osteoporotic rabbits**

TURAN B., Zaloglu N., Saran Y., KONUKSEVEN E. İ., KOÇ E.

Trace Elements and Electrolytes, vol.21, no.1, pp.33-40, 2004 (SCI-Expanded)

CXXXII. **Selenium combined with vitamin E and vitamin C restores structural alterations of bones in heparin-induced osteoporosis**

TURAN B., CAN B., Delilbasi E.

Clinical Rheumatology, vol.22, no.6, pp.432-436, 2003 (SCI-Expanded)

CXXXIII. **Vegetable Oils Used as Vitamin E Vehicle Affect the Electrical Activity of the Rat Heart**

ÖZDEMİR S., Ayaz M., Tuncer T., UĞUR M., TURAN B.

Physiological Research, vol.52, no.6, pp.767-771, 2003 (SCI-Expanded)

CXXXIV. **Zinc-induced changes in ionic currents of cardiomyocytes**

TURAN B.

Biological Trace Element Research, vol.94, no.1, pp.49-59, 2003 (SCI-Expanded)

CXXXV. **Inhibition of glutathione reductase by cadmium ion in some rabbit tissues and the protective role of dietary selenium**

Ulusu N. N., Acan N. L., TURAN B., Tezcan E. F.

Biological Trace Element Research, vol.91, no.2, pp.151-156, 2003 (SCI-Expanded)

CXXXVI. **Fourier transform infrared spectroscopic studies of diabetic rat heart crude membranes**

Severcan F., Kaptan N., TURAN B.

Spectroscopy, vol.17, no.2-3, pp.569-577, 2003 (SCI-Expanded)

CXXXVII. **Effect of sodium selenite treatment on platelet aggregation of streptozotocin-induced diabetic rats**

Ersöz G., Yakaryilm az A., TURAN B.

Thrombosis Research, vol.111, no.6, pp.363-367, 2003 (SCI-Expanded)

CXXXVIII. **FTIR spectroscopic investigation of mineral structure of streptozotocin induced diabetic rat femur and tibia**

Boyar H., TURAN B., Severcan F.

Spectroscopy, vol.17, no.2-3, pp.627-633, 2003 (SCI-Expanded)

CX XXIX. **Toxic concentrations of selenite shortens repolarization phase of action potential in rat papillary muscle**

UĞUR M., Ayaz M., Ozdemir S., TURAN B.

Biological Trace Element Research, vol.89, no.3, pp.227-238, 2002 (SCI-Expanded)

CXL. **Protective effect of selenium treatment on diabetes-induced myocardial structural alterations**

Ayaz M., CAN B., ÖZDEMİR S., TURAN B.

Biological Trace Element Research, vol.89, no.3, pp.215-226, 2002 (SCI-Expanded)

CXLI. **Effects of selenium on the structure of the mandible in experimental diabetics.**

Delilbasi C., Demiralp S., TURAN B.

Journal of oral science, vol.44, no.2, pp.85-90, 2002 (SCI-Expanded)

CXLII. **Adenosine triphosphate alters the selenite-induced contracture and negative inotropic effect on cardiac muscle contractions**

UĞUR M., TURAN B.

Biological Trace Elemen t Research, vol.79, no.3, pp.235-245, 2001 (SCI-Expanded)

CXLIII. **A comparative study on effect of dietary selenium and vitamin E on some antioxidant enzyme**

activities of liver and brain tissues
TURAN B., Acan N., Ulusu N., Tezcan E.
Biological Trace Element Research, vol.81, no.2, pp.141-152, 2001 (SCI-Expanded)

CXLIV. **Fourier transform infrared study of the effect of diabetes on rat liver and heart tissues in the C-H region**
Severcan F., Toyran N., Kaptan N., TURAN B.
Talanta, vol.53, no.1, pp.55-59, 2000 (SCI-Expanded)

CXLV. **A biomechanical and spectroscopic study of bone from rats with selenium deficiency and toxicity**
TURAN B., BAYARI S., Balcik C., Severcan F., Akkas N.
BioMetals, vol.13, no.2, pp.113-121, 2000 (SCI-Expanded)

CXLVI. **The effect of selenium on glutathione redox cycle enzymes of some rabbit tissues**
Ulusu N., Acan N., TURAN B., Tezcan E.
Trace Elements and Electrocytes, vol.17, no.1, pp.25-29, 2000 (SCI-Expanded)

CXLVII. **Dietary selenium and vitamin E intakes alter β-adrenergic response of L-type Ca-current and β-adrenoceptor-adenylate cyclase coupling in rat heart**
SAYAR K., UĞUR M., GÜRDAL H., ONARAN H. O., Hotomaroglu O., TURAN B.
Journal of Nutrition, vol.130, no.4, pp.733-740, 2000 (SCI-Expanded)

CXLVIII. **Prevention of selenite-induced opacification and biochemical changes in the rat pup lens through amiloride pretreatment**
Yilmaz G., TURAN B., Celebi N., Yilmaz N., Yilmaz E.
Current Eye Research, vol.20, no.6, pp.454-461, 2000 (SCI-Expanded)

CXLIX. **Disulfonic stilbene prevents selenite-induced cataract in rat pup lens**
Yilmaz G., DEMİREL YILMAZ E., TURAN B.
Biological Trace Element Research, vol.75, no.1-3, pp.129-138, 2000 (SCI-Expanded)

CL. **Effect of high dietary selenium on the ultrastructure of cardiac muscle cells in the rabbit**
TURAN B., Saran Y., Can B., Cengiz Guven M., Sayal A.
Medical Science Research, vol.27, no.12, pp.795-799, 1999 (SCI-Expanded)

CLI. **Cardiac dysfunction induced by low and high diet antioxidant levels comparing selenium and vitamin E in rat**
TURAN B., Hotomaroglu Ö., KILIÇ M., DEMİREL YILMAZ E.
Regulatory Toxicology and Pharmacology, vol.29, no.2 I, pp.142-150, 1999 (SCI-Expanded)

CLII. **The effect of selenium and vitamin E on microvascular permeability of rat organs**
DEMİREL YILMAZ E., Dinçer D., Yilmaz G., TURAN B.
Biological Trace Element Research, vol.64, no.1-3, pp.161-168, 1998 (SCI-Expanded)

CLIII. **The effect of altered selenium and Vitamin E nutritional status on learning and memory of third-generation rats**
BAŞTUĞ O., Ayhan S., TURAN B.
Biological Trace Element Research, vol.64, no.1-3, pp.151-160, 1998 (SCI-Expanded)

CLIV. **Tissue and concentration-dependent effects of sodium selenite on muscle contraction**
TURAN B., KOÇ E., Hotomaroglu Ö., Kiziltan E., Yildirim S., DEMİREL YILMAZ E.
Biological Trace Element Research, vol.62, no.3, pp.265-280, 1998 (SCI-Expanded)

CLV. **Cardiac dysfunction induced by oxidants: Alteration of β-adrenergic stimulation**
TURAN B., Hotomaroglu O., DEMİREL YILMAZ E., Vassort G.
FASEB Journal, vol.11, no.3, 1997 (SCI-Expanded)

CLVI. **Effect of dietary selenium and vitamin E on the biomechanical properties of rabbit bones**
TURAN B., Balcik C., Akkas N.
Clinical Rheumatology, vol.16, no.5, pp.441-449, 1997 (SCI-Expanded)

CLVII. **Deficiency and toxicity of selenium alter the acetylcholine stimulated contraction of isolated rabbit ileum**
TURAN B., KOÇ E., Zaloglu N.
Trace Elements and Electrocytes, vol.14, no.1, pp.13-18, 1997 (SCI-Expanded)

CLVIII. **Dietary selenium- and vitamin E-Induced alterations in some rabbit tissues**
TURAN B., Kaloglu N., Koc E., Saran Y., Akkas N.
Biological Trace Element Research, vol.58, no.3, pp.237-253, 1997 (SCI-Expanded)

CLIX. **Effect of medication on biomechanical properties of rabbit bones: Heparin induced osteoporosis**
Akkas N., Yeni Y., TURAN B., DELİLBAŞI E. A., Gunel U.
Clinical Rheumatology, vol.16, no.6, pp.585-595, 1997 (SCI-Expanded)

CLX. **Oxidant increase intracellular free Zn2+ concentration in rabbit ventricular myocytes**
TURAN B., Bliss H., Dés ilets M.
American Journal of Physiology - Heart and Circulatory Physiology, vol.272, no.5 41-5, 1997 (SCI-Expanded)

CLXI. **Oxidant effects of selenite on rat ventricular contractility and Ca movements**
TURAN B., Désilets M., Açan L. N., Hotomaroglu Ö., Vannier C., Vassort G.
Cardiovascular Research, vol.32, no.2, pp.351-361, 1996 (SCI-Expanded)

CLXII. **Zinc-calcium interaction in heparin-induced osteoporotic rabbit plasma**
TURAN B., DELİLBAŞI E. A., Sinav B., Akkas N.
Trace Elements and Electrocytes, vol.13, no.3, pp.138-142, 1996 (SCI-Expanded)

CLXIII. **The effects of selenium supplementation on antioxidative enzyme activities and plasma and erythrocyte selenium levels**
TURAN B., Dalay N., Afrasyap L., Delilbasi E., Sengun Z., Sayal A., Isimer A.
Acta Physiologica Hungarica, vol.81, no.1, pp.87-93, 1993 (SCI-Expanded)

CLXIV. **The effect of selenium supplementation on the nmr proton relaxation time t, in plasma**
TURAN B., Yilmaz A., Dalay N.
Spectroscopy Letters, vol.25, no.8, pp.1405-1410, 1992 (SCI-Expanded)

CLXV. **Serum selenium and glutathione-peroxidase activities and their interaction with toxic metals in dialysis and renal transplantation patients**
TURAN B., Delilbai E., Dalay N., Sert e., Afrasyap L., Sayal A.
Biological Trace Element Research, vol.33, no.1-3, pp.95-102, 1992 (SCI-Expanded)

CLXVI. **A Possible Relationship between Serum Satellite DNA and Cellular Antioxidative Mechanism**
TURAN B., Dalay N., Delilba§t E.
Spectroscopy Letters, vol.24, no.6, pp.865-871, 1991 (SCI-Expanded)

CLXVII. **Selenium and Behçet's disease**
Delilbaşi E., TURAN B., Yücel E., Şaşmaz R., Işimer A., Sayal A.
Biological Trace Element Research, vol.28, no.1, pp.21-25, 1991 (SCI-Expanded)

CLXVIII. **The comparative investigation of infrared laser effects on the levels of copper and zinc in various tissues**
DELİLBAŞI E. A., TURAN B., YÜCEL E., Temizer A., Kir S.
Clinical Physics and Physiological Measurement, vol.9, no.4, pp.375-377, 1988 (SCI-Expanded)

Articles Published in Other Journals

I. **MAGNOLIA BARK EKSTRAKTI UYGULAMASININ YAŞLI FARE KALP FONKSİYON YETERSİZLİĞİNDEKİ İYİLEŞTİRİCİ ETKİLERİ**
ÜNAY Beyhan İ., TURAN B.
Kocaeli Tıp Dergisi, vol.25, no.2, pp.227-233, 2024 (Peer-Reviewed Journal)

II. **Alterations in Antioxidant Defense Systems and Metal Profiles in the Liver of Rats with Metabolic Syndrome Induced with High-Sucrose Diet**
ALPTEKİN Ö., TÜKEL S. S., TURAN B., KUYUCU Y.
Journal of the Turkish Chemical Society, Section A: Chemistry, vol.9, no.1, pp.13-20, 2022 (Scopus)

III. **SGLT2 inhibitörü Dapagliflozinin Hiperglisemi-Aracılı Kalp Fonksiyon Bozukluğu Üzerindeki Etkisinin Moleküler Temellerinin İncelenmesi**
Dural A., ŞAR Y., DEĞİRMENCİ S., Ertürk N., AKBAŞ M. T., AYGÜN A., DENİZ M. C., ERCİYAS M. F., YAZAR B. T.,

YILMAZ S., et al.
Journal Ankara University Faculty of Medicine, vol.71, no.3, pp.131-138, 2018 (Peer-Reviewed Journal)

IV. **An im[illegible]cation on effects of pioglitazone in the heart function from rats with metabolic syndrome by us[illegible]ectrophysiological techniques**
TURAN
Ankara [illegible]versitesi Tıp Fakültesi Mecmuası, vol.68, no.1, 2015 (Peer-Reviewed Journal)

V. **Pioglitazon[illegible]mun Metabolik Sendromlu Suçam Kalp Fonksiyonuna Etkisinin Elektrofizyolojik Yöntemlerle İncelenmesi**
TURAN
Ankara [illegible]ersitesi Tıp Fakültesi Mecmuası, vol.68, no.1, 2015 (Peer-Revi ewed Journal)

VI. **High-[illegible]hydrate diet-induced myocardial remodelling in rats**
OKATAN N., KIZIL Ş., NAKKAŞ H., CAN B., TURAN B.
Current [illegible]earch: Cardiology, vol.2, no.1, pp.5-10, 2015 (Peer-Reviewed Journal)

VII. **Antio[illegible]a treatments improve diabetes induced endothelium-dependent vascular dysfunction**
Zeyda[illegible] TURAN B.
Erciye[illegible] Dergisi, vol.31, no.3, pp.193-200, 2009 (ESCI)

VIII. **The e[illegible] of long-term heparin application on ACh-induced isolated ileum contractility and struc[illegible]**
KOÇ E., [illegible]u N., Saran Y., TURAN B.
Neuro[illegible], vol.7, no.1, pp.33-43, 1999 (Scopus)

IX. **The [illegible] of in vivo selenium supplementation on the amplitude of the spontaneous contractions and [illegible]ponses to acetylcholine in isolated rabbit ileum.**
Dalay [illegible]AN B., KOÇ E., Afrasyap L., Delilbaşi E.
N eur[illegible]y (Budapest, Hungary), vol.1, no.1, pp.83-90, 1993 (Scopus)

X. **Near [illegible]red laser light has effects on the levels of various metals in skeletal muscle: Is it comp[illegible]harmless?**
TURA[illegible]ilbasi E., YÜCEL E., Temizer A., Rann H.
Laser [illegible]Life Sciences, vol.3, no.2, pp.83-88, 1989 (Scopus)

Books & Chapters

I. **Card[illegible]lar consequences of metabolic disturbances in women**
Tura[illegible]
in: B[illegible]Women's Heart Health (Advances in Biochemistry in Health and Disease, 26), Lorrie Kirshenbaum (Edito[illegible]Rabinovich-Nikitin (Editor), Editor, Springer Nature, New York, pp.1-446, 2023

II. **Cross[illegible]tween abnormal electrical activity and angiotensin II cell signaling in the hyperglycemic mam[illegible]heart**
Turan[illegible]
in: Th[illegible]Angiotensin System in Cardiovascular Disease, Naranjan S. Dhalla (Editor),Sukhwinder K. Bhullar (Edit[illegible]eet K. Shah (Editor), Editor, Springe r-Verlag , Zürich, pp.39-62, 2023

III. **New[illegible]tic agents in obesity-related cardiovascular disorders: Molecular and cellular insights**
Turan[illegible]
in: Ce[illegible]al Biochemical Mechanisms of Obesity, Paramjit S. Tappia,Bram Ramjiawan,Naranjan S. Dhall, Editor, Sprin[illegible]lag , Basel, pp.1-414, 2021

IV. **Role[illegible]um-glucose co-transporters on cardiac dysfunction in overweight metabolic syndrome mam[illegible]**
Turan[illegible]
in: Bi[illegible]gy of Cardiovascular Dysfunction in Obesity, Paramjit S. Tappia,Sukhwinder K. Bhullar,Naranjan S. Dhalla[illegible]Springer, London/Berlin , New York, pp.125-144, 2020

V. **Oxid[illegible]ases and Labile Zinc in Heart 17Dysfunction Under Hyperglycemia**

TURA
in: Ox Stressin HeartDiseases, , Editor, SPRINGER, pp.397-412, 2019

VI. **Zinc ng in Aging Heart Function**
TURA LSUR D., OLĞAR Y.
in: Zi guding, Toshiyuki Fukada, Taiho Kambe, Editor, Springer Nature Singapore Pte Ltd, pp.139-164, 2019

VII. **Diab Cardiomyopathy Biochemical and Molecular Mechanisms**
Tura Editor), Dhalla N. S. (Editor)
Sprin ature, New York, 2014

Referee gress / Symposium Publications in Proceedings

I. **The ro ic modulation of mixed-mode electrical conduction**
Tura
9th E ction meeting of the International Aca demy of Cardiovascular Sceiences, Timisoara, Romania, 4 - 07 O 2023, pp.72

II. **GLP- agonist attenuates**
Tura
9th E ction meeting of the IACS, Timisoara, Romania, 4 - 07 October 2023, pp.102

III. **Com pleiotropic effects of SGLT2 inhibition**
Tura
9th E ction meeting of IAC S, Timisoara, Romania, 4 - 07 October 2023, pp.86

IV. **Acti tein Kinase-G Negatively Regulates the KCNQ1 Channel Current**
Tura
5 th l 34th National Biophysics Congress, İzmir, Turkey, 6 - 09 September 2023, pp.80

V. **Red of Connexin 43**
Tura
9th I ongress of pathophysiology, Belgrade, Serbia, 4 - 06 July 2023, pp.63

VI. **Diff ts of GLP-1 receptor agonist applications on the remodeling of aging-heart**
Tura
h Eu n Meeting of the International Academy of Cardiovascular Sciences, Szeged, Hungary, 28 Sept tober 2022

VII. **Cor pleiotropic-effects of SGLT2 inhibition and GLP-1 agonism on cardiac glucose inte heart dysfunction**
Tura
Adva ascular Science and Medicine Through Diversity, Equity, and Inclusion Supported by Education, Rese nology Innovatio n, Winnipeg, Canada, 6 - 09 September 2022

VIII. **The sulin resistance on membrane ion transport mechanisms in mammalian cardiac cells**
Tura
4th I 3rd National Biophysics Congress 2022 , Adıyaman, Turkey, 31 July - 03 September 2022

IX. **Co altered expression levels of Zm2+-transporters ZnT7 and ZnT8 to cellular oxidative str rdiometabolic disturbances of ventricular cardiomyocytes**
Tura
Inte ence on Trace elements and minerals 2022, Aachen, Germany, 5 - 10 June 2022

X. **Zn portamt role on mitochondrial dysfunction in hyperglycemic cardiomyocytes**
Tura
Inte rence on Trace Elements and Minerals, Aachen, Germany, 5 - 10 June 2022

XI. **Ca effect of a GLP-1 receptor agonist in insulin-resistant heart through improvements in C sis and mitochondrial function**
Tura
9th I ECTION COST Action Final MC/WG meeting , Coimbra, Portugal, 2 - 04 April 2022

XII. **Ins… …n atypical KCNQ1/KCNE1-current activator and reverses long QT in insulinresistant** **agc… …lerating the ventricular action potential repolarization through affecting the β3-** **adr… …tor signaling pathway**
Tur…
Bio… …ety 66th Annual meeting, California, United States Of America, 19 - 23 February 2022, vol.121, no.3
XIII. **Me… …e of OKG on delayed rectifier potassium channels in ventricular cardiomyocytes from me… …ome rats**
Tur…
Bio… …66th Annual meeting, California, United States Of America, 19 - 23 February 2022, vol.121, no.2
XIV. **Ins… …es cardioprotection by reversing the depressed KCNQ1-current in ventricular car… …s from aged-rats through modification of cGMP-dependent protein kinase.**
Tur…
8th … …TECTION COST Action WG Meeting, Barcelona, Spain, 11 - 13 October 2021
XV. **Me… …diovascular benefits of SGLT2 inhibitors in insulin-resistant mammall heartt**
Tur…
Int… …peration in Research - "Pathophysiology at the Heart of Medicine" , Timisoara, Romania, 9 - 10 De…
XVI. **Be… …s of insulin application on depressed heart function of the elderly rats through pr… …ong QT-interwalls of ECGs**
Tu…
7t… …E EUROPEAN SECTION AND8th MEETING OF THE NORTH AMERICAN SECTION OF THE IN… …CADEMY OF CARDIOVASCULAR SCIENCES (IACS) "CARDIOPROTECTION AND CA… …E DISEASES: FROM BENCH TO BEDSIDE", Banja Luka, Bosnia And Herzegovina, 20 - 23 Se…
XVII. **Mi… …ce Zn2+ Changes can Play an Important Role in Aging-associated Cardiac D… …ugh Increases in Mitochondria associated ROS Production**
TU… …., TUNCAY E.
26… …g of the Society-for-Redox-Biology-and-Medicine (SFRBM), Nevada, United States Of America, 01… …l.145
XVIII. **P2… …m provides cardioprotection against palmitic acid induced autophagy in cardiac de… 19… …lls**
Bİ… …, O… …Y., TUNCAY E., TURAN B.
5th … RD… …JECTION COST Action MC and WG Meeting, 16 - 18 September 2019
XIX. **Re… …nd zinc-transporters in insulin-resistant mammalian heart function**
Ol… …., TURAN B.
Th… …International Society for Zinc Biology, Kyoto, Japan, 9 - 13 September 2019
XX. **Eff… …2 inhibitor on intracellular ion levels and mitochondrial membrane potential in ve… lar … cell line**
DE… …NC… …OY A., OLĞAR Y., Tuncay E., TURAN B.
JO… …h E… …ngress10th ICBP – IUPAP congress, Madrid, Spain, 20 - 24 July 2019, vol.48, pp.1-264
XXI. **Lo… …c markers in the liver of rats with metabolic syndrome.**
AL… …, S. S., TURAN B., KUYUCU Y.
2n… …urasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), 28 - 29 June 20…
XXII. **Lo… f m… …ic markers in the liver of rats with metabolic syndrome**
AL… …Ö… …L S. S., TURAN B., KUYUCU Y.
2n… …at… …urasian Conference onBiological and Chemical Sciences(EurasianBioChem 2019), Ankara, Tu… … July 2019
XXIII. **IN… …OTEIN KINASE G PRESERVES PROLONGED VENTRICULAR ACTION POTENTIALS VIA**

IMPR[illegible]NT OF SLOW-ACTIVATED VOLTAGE-DEPENDENT K-CHANNEL CURRENTS IN AGED RAT CARD[illegible]YOCYTES
OLĞAR[illegible]TUNCAY E., TURAN B.
63th An[illegible]eeting Biophsical Society, Baltimore, United States Of America, 2 - 06 March 2019

XXIV. Sirtuin[illegible]ively Regulate K-ATP Channels, Which Contributes to their Cardioprotective Role
TUNCA[illegible]L., Gando I., TURAN B., Ramasamy R., Coetzee W. A.
63rd A[illegible]eeting of the Biophysical-Society, Maryland, United States Of America, 2 - 06 March 2019, vol.116

XXV. REGU[illegible]OF MITOCHONDRIAL ZN2 LEVEL BY ZN2 TRANSPORTER ZIP7 EFFECTS SARC[illegible]NDOPLASMIC RETICULUM S(E)R-MITOCHONDRIA COUPLING IN HYPERGLYCEMIA
TUNCAY[illegible]İRİM C. V., OLĞAR Y., TOY A., TURAN B.
13 th Co[illegible]ce on Mitochondirial Physiology MİP2018/ MitoEAGLE, Jurmala, Latvia, 18 - 21 September 2018

XXVI. Mitoch[illegible]-Targeted Antioxidants in Aging related functional changes in the heart and aorta: Mito[illegible]ves aged-cardiovascular performance
OLĞAR[illegible]RMENCİ S., DURAK A., TURAN B.
13 th C[illegible]ce on Mitochondirial Physiology MİP2018/ MitoEAGLE, Jurmala, Latvia, 18 - 21 September 2018

XXVII. Role[illegible]the mitochondria-associated oxidative stress in aging heart function
TURAN[illegible]
13 th Co[illegible]ce on Mitochondirial Physiology MİP2018/ MitoEAGLE, Jurmala, Latvia, 18 - 21 September 2018

XXVIII. Cell[illegible]olecular mechanisms underline the insufficient cardiac function in elderly ma[illegible]
TUR[illegible]
XXX C[illegible]erican and Caribbean Cardiology Congress and the IX Cuban Cardiology Congress, HAVANA, Cuba, 5 - 08[illegible]2 18

XXIX. An[illegible]al investigation of impact of the metabolic syndrome on myocardial structure at tissue and cel[illegible]s.
BİL[illegible]M P., CAN B., TURAN B.
30[illegible]Co[illegible]nerican and Caribbean Congress on Cardiology, 9th Cuban Cardiology Congress, 5 - 08 June 2018

XXX. Hip[illegible]e Diet-Induced Insulin Resistance Causes Apoptosis at Rats' Cortical Neurons
KIZ[illegible]M., NAKKAŞ H., BİLLUR D., TOY A., OLĞAR Y., TURAN B., CAN B.
1st I[illegible]Food and Medicine Congress, 24 - 27 May 2018

XXXI. The[illegible]ge Diet Affects Memory and Learning
BAY[illegible]LLUR D., KIZIL Ş., ÇALIŞKAN H., CAN B., TOY A., OLĞAR Y., TURAN B.
1st I[illegible]od and Medicine Congress, 24 - 27 May 2018

XXXII. Ba[illegible]Zinc-transproters in Heart Health and Accociated Pathology
TUR[illegible]N
5th E[illegible]n meeting of the International Academy of Cardiovascular Sciences (IACS-ES), Slovakia, 23 - 26 May[illegible]

XXXIII. His[illegible]Cardiovascular Research in Turkey
TUR[illegible]
R3[illegible]" in Winnipeg Canada Institute of Cardiovascular Sciences (0th Anniversary of the start of res[illegible]re[illegible]St. Boniface Hospital Albrechtsen Research Centre), Winnipeg, Canada, 20 - 21 April 2018

XXXIV. b3-A[illegible]eptor Regulation of Cardiac Ion Channels inOverweight Insulin Resistant Rats
TOY[illegible]UNCAY E., TURAN B.
62th A[illegible]ting Biophsical Society, San-Francisco, Costa Rica, 17 - 21 February 2018

XXXV. be[illegible]c Receptor Regulation of Cardiac Ion Channels in Overweight Insulin Resistant Rats
DUR[illegible], TUNCAY E., TURAN B.
62n[illegible]g of the Biophysical-Society, San-Francisco, Costa Rica, 17 - 21 February 2018, vol.114

XXXVI. The[illegible]on cardiac function in streptozotoin diabetic rats
AR[illegible]OĞAN B. R., MÜDERRİSOĞLU A. E., KARAÖMERLİOĞLU İ., YEŞİLYURT Z. E., DEĞİRMENCİ S., TUR[illegible]V. M.
Pha[illegible]Z, Londrina, Brazil, 11 - 13 December 2017

XXXVII. **Th… on cardiac function in streptozotocin diabetic rats**
AR… AYKI MUTLU G., ERDOĞAN B. R., Müderrisoğlu A. E., KARAÖMERLİOĞLU İ., Yeşilyurt Z. E., DE… AN B., ALTAN V. M.
Pha… 7, Londrina, Brazil, 11 - 13 December 2017

XXXVIII. **Th… OCK Pathway in Impaired Ca2 Homeostasis of Hypertrophic Heart**
ÖZ… AN B. E., OLĞAR Y., TURAN B.
Ass… e Universities 1st International Health Sciences Congress, Edirne, Turkey, 23 - 25 November 201…

XXXIX. **Im… rdiomyocytes**
TU…
33. … eting of the German Soci ety for Minerals and Tarce Elements (GMS), Aachen, Germany, 28 - 30 Sep… .16

XL. **EF… İTAZONE ON INTRACELLULAR NA HOMEOSTASIS IN METABOLIC SYNDROME-IN… YOPATHY IN MALE RATS**
BİL… AN B.
19… ATIONAL CONFERENCE OF BIOPHYSICS, ROMA, Italy, 18 - 19 September 2017

XLI. **Ca… Action of Intermittemt Hypoxia on Left Ventricle Function of Type 1 Diabetic Rats**
AKA… L., BAŞTUĞ M., TUNCAY E., DURAK A., DURSUN A. D., TOPAL ÇELİKKAN F., SABUNCUOĞLU B., TU…
FE… ing of The Federation of European Physiolog ical Societies and Austrian Physiological Society, Vi… 5 September 2017

XLII. **Ya… Kalbin Elektriksel Aktivitesinde Gözlenen Değişikliklerin İyonik Temelleri**
Ol… AN B.
28… İZİK KONGRESİ, Turkey, 6 - 09 September 2017

XLIII. **Ka… siyon Bozukluklarıyla ilgili Mekanizmaların Aydınlatılmasında Elektrofizyolojik ve … olekül er Yaklaşımların Önemi**
TU…
28… Kongresi (Uluslararası Katılımlı), İstanbul, Turkey, 6 - 09 September 2017

XLIV. **Ka… siyon Bozukluklarıyla ilgili Mekanizmaların Aydınlatılmasında Elektrofizyolojik ve … lekül er Yaklaşımların Önemi**
TU…
28… k Kongresi, İstanbul, Turkey, 6 - 09 September 2017

XLV. **Th… ellular Free Zn2 Increase on K Currents and Arrhythmia in Ventricular Ca…**
DI… Y., TURAN B.
Ulu… 29. Ulusal Biyofizik Kongresi, İstanbul, Turkey, 6 - 09 September 2017

XLVI. **De… Receptor Activation Have Cardioprotective Effect in Insulin Resistant Ov…**
TU…
5 … he International Academy of Cardiovascular Sciences (IACS): Nort American Section, Fl… f America, 31 August - 02 September 2017

XLVII. **Ex… inc transporters in human failing heart**
TO… LĞAR Y., TURAN B., ÖZÇINAR E., TUNCAY E., İNAN M. B.
34… uropeanSection of the International Society for Heart Research,July 24–37, 2017, Hamburg, Ge… 2017

XLVIII. **Ti… phosphate pathway enzymes**
UL… URAN B.
31… of the Protein-Society, 24 - 27 July 2017

XLIX. **Im… e Zn2+ alters action potential parameters via activation of KATP-channels in ra… myocytes**
DI… AR Y., TUNCAY E., TURAN B.

34[illegible] Meeting, European Section of the International Society for Heart Research, Hamburg, Germany, 24 - 27 [illegible] vol.109, pp.1-62

L. **Alt[illegible] t func[illegible]m im high sucrose fed overweight rats: in vivo amd in vitro investigations**
AR[illegible] E., toy[illegible]urak a., olgar y., tuncay e., KAYKI MUTLU G., KARAÖMERLİOĞLU İ., ALTAN V. M., TURAN B.
DC[illegible] Meeti[illegible] 22 June - 24 July 2017

LI. **Al[illegible] rt Fu[illegible]n In HighSucrose-fed Overweight Rats: In Vivo And In Vitro Investigations**
AR[illegible] N E., T[illegible] Durak A., Olgar Y., Tuncay E., KAYKI MUTLU G., KARAÖMERLİOĞLU İ., ALTAN V. M., TURAN B.
DC[illegible] Meetin[illegible] Milan, Italy, 22 - 24 June 2017

LII. **Me[illegible] ıdron[illegible]lişkili kardiyovasküler sistem bozukluklarının incelenmesindebiyofiziksel ya[illegible] eta? [illegible]renoresptörlerin rolü**
TU[illegible]
Ana[illegible] ersites[illegible]zacılık Sempozyumu, Eskişehir, Turkey, 1 - 02 June 2017

LIII. **Sil[illegible] n ka[illegible]omiyositlerdeki potasyum akımlarına etkisi**
AL[illegible] R Y., TU[illegible]AN B., ÖZTÜRK Y.
An[illegible] rsitesi[illegible]zacılık Sempozyumu, Eskişehir, Turkey, 1 - 02 June 2017

LIV. **Ro[illegible] rans[illegible]tters in Mammalian Heart under Physiological and Pathological Conditions**
TO[illegible] Y., T[illegible]N B., AKÇALI K. C., ÖZDEMİR S., ÖZÇINAR E.
bio[illegible] iety, [illegible]ebruary 2017 - 15 February 2107

LV. **Re[illegible] Tran[illegible]ters in Mammalian Heart under Physiological and Pathological Conditions**
TOY[illegible] Y., TU[illegible]AY E., BİTİRİM V. C., ÖZÇINAR E., İNAN M . B., AKÇALI K. C., ÖZDEMİR S., AKAR A. R., TURAN B.
Bio[illegible] ciety [illegible] Annual Meeting, NEW ORLEANS, United States Of America, 11 - 15 February 2017, vol.112, pp

LVI. **Re[illegible] c[illegible]asmic reticulum and mithochodrial free Zn2 level wiht ZIP7 in hyperglycemic ca[illegible]**
TU[illegible] TİRİ[illegible] TOY A., CARRAT G. R. J., RUTTER G. A., TURAN B.
CO[illegible] n Coo[illegible]ation in Science and Technology Zinc-Net Management Committee Meeting And Zinc-Ne[illegible] onfere[illegible], 21 - 22 November 2016

LVII. **Zi[illegible] tes a[illegible]ndoplasmic Reticulum Stress in Human Failling Heart**
TU[illegible] [illegible]A., "[illegible]AN B.
CO[illegible] Co[illegible]ation in Science and Technology Zinc-Net Management Committee Meeting and Zinc-Ne[illegible] onfe[illegible], 21 - 22 November 2016

LVIII. **An[illegible] "ion [illegible]e Distribution of Zinc Transporters in Failing Hearts of Mammalians**
TU[illegible]
3r[illegible] Section[illegible]eeting of the International Academy of Cardiovascular Scien ces (IACS-ES), Marsilya, Fr[illegible] [illegible]016, vol.3, pp.99-100

LIX. **Ca[illegible] [illegible] subtypes in diabetes Regulation of cardiac 3 adrenergic receptors**
TU[illegible]
13[illegible] [illegible]oference and Medicare Expo, Birmingham, United Kingdom, 8 - 10 August 2016, vol.7, pp[illegible]

LX. **In[illegible] on [illegible]ross talk between 3 Adrenergic receptor and Zn2 signalling in diabetic ca[illegible]**
TU[illegible] [illegible]KATAN E. N.
6t[illegible] [illegible]xidative Stress, Calcium Signaling and TRP Channels, 24 - 27 May 2016, vol.8, pp.504

LXI. **Re[illegible] [illegible]ular free Zn2 in ventricular cardiomyocytes with subcellular organellers**
TU[illegible] [illegible]ER G. A., TURAN B.
6t[illegible] [illegible]xidative Stress, Calcium Signaling and TRP Channels, 24 - 27 May 2016, vol.8, pp.471

LXII. **An[illegible] [illegible]e effects of intermittent hypoxia in sterptozotocin induced diabetic cardiac fu[illegible]**
DU[illegible] [illegible]E., OLĞAR Y., AKAT F., TANYELİ A., GÜZEL D., TOPAL ÇELİKKAN F., BAŞTUĞ M., FIÇICILAR

H.,

6t xidative Stress, Calcium Signaling and TRP Channels, 24 - 27 May 2016, vol.8, pp.471-472

LXIII. A **naling molecule free Zn2 mediates endoplasmic reticulum stress in**

hy nyocytes

TU

6th xidativ e Stress, Calcium Signaling and TRP Channels, 24 - 27 May 2016, vol.8, pp.456-457

LXIV. Ar **egulation of intracellular free Zn2 in ventricular cardiomyocytes**

Ol Y A., DEĞİRMENCİ S., BİLLUR D., CAN B., TURAN B.

Co -Net/ The Cost Action for Zinc Biology Dieta ry supplements vs food biofortification and

th an and animal health outcomes, SOYFA, Bulgaria, 22 - 23 March 2016

LXV. In **increase induces marked changes in mitochondrial function and ultrastructure**

in

TU ., BİLLUR D ., CAN B., TURAN B.

Co stZinc-Net / The Cost Action for Zinc Biology Dietary supplements vs food biofortification

ar human and animal health outcomes, SOYFA, Bulgaria, 22 - 23 March 2016

LXVI. B **d Hyperinsulinemia Induce Changes in Voltage Dependent KD Channel**

Cu **ricular Cells**

D Y., TOY A., TURAN B.

6(hysical Society, Los-Angeles, Chile, 27 February - 02 March 2016

LXVII. Ay **Electrical Activities and Micrornas of Left VentricularCardiomyocytes**

Is rt Heart

O RAN B.

6(hysical Society, Los-Angeles, Chile, 27 February - 02 March 2016

LXVIII. A **ectrical Activity and Sarcolemmal KD Channels inCardiomyocytes from Insulin**

Re

TC ENCİ S., TUNCAY E., TURAN B.

6(hysical Society, Los-Angeles, Chile, 27 February - 02 March 2016

LXIX. A **3 Adrenoceptor Activation and IntracellularFree Zinc Ion Increase**

C **ycemia Induced CardiacER Stress**

T N B.

6(hysical Society, Los-Angeles, Chile, 27 February - 02 March 2016

LXX. R **tion of Cytosolic Free Zm2D Level im MammaliamCardiomyocytesErkam Tuncay1**

V **ul Toy1 Zeynep Tokcaer Keskin1**

T TOY A., TOKCAER KESKİN Z., AKÇALI K. C., RUTTER G. A., TURAN B.

6(hysical Society, Los-Angeles, Chile, 27 February - 02 March 2016

LXXI. A **ctrical Activity and Sarcolemmal K+-Channels in Cardiomyocytes from**

In **eart**

T ENCİ S., TUNCAY E., TURAN B.

6(he Biophysical-Society, Los-Angeles, Chile, 27 February - 02 March 2016, vol.110

LXXII. A **eta 3-Adrenoceptor Activation and Intracellular Free Zinc Ion Increase**

C **ycemia-Induced Cardiac ER-Stress**

T B.

6(e Biophysical-Society, Los-Angeles, Chile, 27 February - 02 March 2016, vol.110

LXXIII. B **d Hyperinsulinemia Induce Changes in Voltage-Dependent K+ Channel**

C **ricular Cells**

D ., Toy A., TURAN B.

6(e Biophysical-Society, Los-Angeles, Chile, 27 February - 02 March 2016, vol.110

LXXIV. R **ion of Cytosolic Free Zm2+ Level in Mammalian Cardiomyocytes**

T Toy A., Keskin Z. T., Akcali K. C., Rutter G. A., TURAN B.

6(e Biophysical-Society, Los-Angeles, Chile, 27 February - 02 March 2016, vol.110

LXXV. th **rter zip7 im regulation of intracellular free ZN 2 level in cardiomyocytes**

er
S rence and skills workshop, 2 - 04 November 2015

LXXVI. R re mc ion in excitation contraction coupling of the left ventricular
ca
TUR
IST nces in tarce element research in health and disease., Dubrovnik, Croatia, 18 - 22
O

LXXVII. E sis of metabolic syndrome induced cardiovascular disorders
T
Se ecti Meeting of the International Academy of Cardiovascular Sciences: Heart diseases, how
ne ead o new treatment., Belgrade, Serbia, 8 - 10 October 2015

LXXVIII. R o nun Patolojik Kardiyak Hipertrofide Bozulan Miyositlerin Ca 2 Regülasyonunu
Etkis
TUR
2 NGRESİ, Malatya, Turkey, 29 September - 03 October 2015

LXXIX. K cre İçi Zn 2 Depolarının Floresans Görüntüleme Tekniği İle Görüntülenmesi
TURAN
2 UI İ NGRESİ, Malatya, Turkey, 29 September - 03 October 2015

LXXX. H c2 attında Glukoz ve İnsülinin Voltaj Bağımlı Kanal Akımlarına Etkilerinin
İncel
T
2 NGRESİ, Malatya, Turkey, 29 September - 03 October 2015

LXXXI. Y la Kalbin Elektriksel Aktivitesinde Gözlenen Değişmelerin İyonik Temelleri
TURAN
2 UI İ NGRESİ, Malatya, Turkey, 29 September - 03 October 2015

LXXXII. Yüks cnem Metabolik Sendromlu Sıçanlarda Oluşan Kalp Fonksiyon Bozukluğunda
Sark nun Rolü
T
2 NGRESİ, Malatya, Turkey, 29 September - 03 October 2015

LXXXIII. K rdiy dc cre İçi Zn ı Depolarının Floresans Görüntüleme Tekniği ile Görüntülenmesi
TURAN
2 UI NGRESİ, Malatya, Turkey, 29 September - 03 October 2015

LXXXIV. ZIP7 emiinin Sarkoplazmik Retikuluma Lokalizasyonunun ve Endoplazmik Retikulum
S sterilmesi
T
2 NGRESİ, Malatya, Turkey, 29 September - 03 October 2015

LXXXV. D pr lar c reticulum activity underlies Ca dyshomeostasis in a rat model of metabolic
sy de hodiesterases
T
An ernational Academy of Cardiovascular Sciences: North American Section, OMAHA, United
S September 2015, vol.2, pp.126

LXXXVI. c of beta blockers mediated by scavenging reactive oxygen and nitrogen
s
T RA
in n pharmaceutical sciences, 9 - 12 June 2016

LXXXVII. e rome on antioxidant enzymes activities of masseter muscle from male rats
AL T N B.
in osiu n pharmaceutical sciences, 9 - 12 June 2015

LXXXVI II. R ul ce Zn2+ on Electrical and Mechanical Activities of the Heart
D , TURAN B.
E y eting, Massachusetts, United States Of America, 28 March - 01 April 2015, vol.29

LXXXIX. b… **…ptor Activation and Endoplasmic Reticulum Stress via Modulation of In…ra … Z… …in Hyperglycemic Cardiomyocytes**
T… A… E., T… A., Cicek F.
Ex…eri …y … …g, Massachusetts, United States Of Ameri ca, 28 March - 01 April 2015, vol.29

XC. D… …c **Reticulum Activity Underlies Ca2 Dyshomeostasis in A Rat Model of M…a …**
O… …AN B.
2… …imental biology meeting, BOSTON, United States Of America, 28 March - 01 April 2015

XCI. Dy… …s **of …partmentalised intracellular free Zn2 concentrationsin rat ventricular ca… ic …**
e… …p …sander l., TURAN B., guy r.
2… …imental biology meeting, BOSTON, United States Of America, 28 March - 01 April 2015

XCII. M… …**lar free Zn2 and Ca2 changes in cardiomyocytes from metabolic syndrome ra…**
T… …RMENCİ S., TURAN B.
2… …ng c… …imental biology meeting, BOSTON, United States Of America, 28 March - 01 April 2015

XCIII. B… …c P… …**tor Activation and Endoplasmic Reticulum Stress via Modulation of Ir… … Z… …Hyperglycemic Cardiomyocytes**
T… …, ÇİÇEK F.
2… …imental biology meeting, BOSTON, United States Of America, 28 March - 01 April 2015

XCIV. T… **…etween Endoplasmic Reticulum Stress Oxıdative stress and Mitochondrial d… …cytes and H9c2 Cells under Hyperglycemia**
g… …Y A. …AN B.
2… …mental biology meeting, BOSTON, United States Of Am erica, 28 March - 01 April 2015

XCV. P… …e **Zn2 on Electrical and Mechanical Activities of the Heart**
D… …RAN B.
2… …imental biology meeting, BOSTON, United States Of America, 28 March - 01 April 2015

XCVI. D… …**blockers in diabetic cardiomyopathy restoration of the failing heart linked to…**
T… …
Ir… …on heart failure: Progress and Prospects, Kerala, India, 12 - 14 March 2015

XCVII. R… …**receptor subtypes in dewelopment off diabetic cardiomyopathy**
T… …
7… …e on "Recent Advances in Cardiovascular Sciences", Noida, India, 10 - 11 March 2015

XCVIII. P… …**sıçanlarda kardiyomiyositlerin ışık mikroskobunda değerlendirilmesi.**
N… …N E. N., CAN B., TURAN B.
X… …Kongresi, Turkey, 27 - 30 May 2014

XCIX. A… …**cium Ion Regulation Plays Important Role in High Carbohdyrate Intake Ir… …deling**
O… …T… …P.
5… …Biophysical-Society, San-Francisco, Costa Rica, 15 - 19 February 2014, vol.106

C. I… …**n Increase Triggers Hyperglycemia-Induced Cardiomyocyte Dysfunction th… …iculum Stress**
T… …A. …, TURAN B.
5… …Biophysical-Society, San-Francisco, Costa Rica, 15 - 19 February 2014, vol.106

CI. Y… …dr …**ti etkisinin sıçan kalbi ince-yapı bulguları ile gösterilmesi.**
N… …P E. N., CAN B., TURAN B.
2… …ni Kongresi, Turkey, 28 - 31 May 2013

CII. A… …**tors induces increase in intracellular free Zn2 via NO signaling pathway in h… …cytes**
T…

nual Meeting, United States Of America, 2 - 06 February 2013

CIII. **mt Defence Preserves RyR2 Function of Hyperglycemic Cardiomyocytes via llular Zn2+ and Ca2+ Homeostasis**

Biophysical-Society, Pennsylvania, United States Of America, 2 - 06 February 2013,

CIV. **moceptors Induces Increase in Intracellular Free Zinc Ion via No Signaling Cardiomyocytes**

iophysical-Society, Pennsylvania, United States Of America, 2 - 06 February 2013,

CV. **ia miR-199a in vascular dysfunction of thoracic aorta from diabetic rats**

g 2011, Washington, Kiribati, 9 - 13 April 2011, vol.25

CVI. **and vitamin E on the biomechanical properties of bones and skeletal**

E., Akkas N.

l Biennial Joint Conference on Engineering Systems Design and Analysis , ESDA. Part 7

- 04 July 1996, vol.77, pp.113-116

CVII. **tics of osteoporotic bones in rabbits: An experimental study**

Delilbasi E., Irfanoglu B., Akkas N.

ial European Joint Conference on Engineering Systems Design and Analysis. Part 1

July 1994, vol.64, pp.91-95

Other

I. **sulin on long QT-interval via recoveries in K+-channel currents in**

II. **a+-channel isoforms can contribute to age-dependent remodelling in the**

III. **Elektriksel ve Mekanik Aktivitelerine Antiagregan Ajan Tikagrelorun**

IV. **lp Fonksiyon Bozukluğunda Mitokondriihedefli Antioksidan Mitotempo itif leri**

V. **n Değişiklikleri ve miRNA'lar**

VI. **in Metabolik Sendromlu Sıçan Ventrikül Hücrelerinin Elektriksel in Konsantrasyona Bağlı İncelenmesi**

Supp

TURAN gher Education Institutions, Memeli atriyal hücrelerinde aTP-duyarlı katyon
kanall nan lp fonksiyon değişikliklerindeki rolünün incelenmesi, 2019 - Continues
Turan rted ject, Bridging the gap between cardiac and vascular regeneration, 2024 - 2027
Turan te r Pr ject, EUropean network to tackle METAbolic alterations in HEART failure (EU-
METAl
Turan İn aracılı tedavilerde mitokondri, 2023 - 2026
Turan İn direnci gelişmiş kardiyomiyositlerde, 2023 - 2026
Turan tif ve restoratif Tıp Araştırmaları, 2021 - 2025
Ünay S unca AK Project, Fizyolojik Yaşlanmaya Veya Kemoterapi Tedavisine Bağlı Gelişen Periferik
Nörop küle asının Nöronal Hücrelerde İncelenmesi, 2023 - 2024
Oflaz C d by Higher Education Institutions, An investigation on protective role of a natural
supple honokiol on the insufficient heart function by using electrophysiological and
biochc 2022 - 2024
Atıcı Y M. M., Oflaz O., Göktaş G., Üner S., Turan B., Türk C., Sağıroğlu E., Göktaş T., et al.,
Projec ion Institutions, İnsülin direnci gibi toplumları yakından ilgilendiren sendromların
altında lizn lenmesinde temel tıp araştırmaları ve uygulamaları: Preklinik araştırmaların
yapıla el zy lış histolojik, biyokimyasal ve moleküler tekniklerin kullanılması, 2021 - 2024
Turan ted ct, CA19137 - Sudden cardiac arrest prediction and resuscitation network: Improving
the qu PAR 2024
Turan rted t, Uluslararası toplantılara katılım, Türkiye'de 2020 de COST toplantısını
gerçel tora e 3 aya kadar EU dan burs sağlamak, uluslararası makale yayınlama, 2019 - 2024
Turan ted t, Uluslararası toplantılara katılım, Türkiye'de 2020 de COST toplantısını
gerçel tor ne 3 aya kadar EU dan burs sağlamak, uluslararası makale yayınlama, 2017 - 2023
Akın B S., Gölbaşı Z., Turan B., Bilgili N., Okyay P., Üner S., Kitiş Y., Tanyer D., et al., TUBITAK
Projec d Ob Studies in Epidemiology for Graduate Nursing and Midwifery Students, 2022 - 2022
Turan Proje irenci gelişmiş yaşlı sıçan kalp fonksiyon bozukluğunda insülin uygulamasının
rolünü oloji er-biyokimyasal yaklaşımlarla incelenmesi, 2019 - 2022
Turan Proj şıyıcıları ve Mitokondri İlişkisinin Yaşlanmaya Bağlı Kalp Fonksiyon Bozukluğundaki
Rolün si, 2
Can B am , Billur D., Turan B., Durak A., Olğar Y., Project Supported by Higher Education
Institu lik çan Kortikal Nöronlarında Endoplazmik Retikulum Stresiyle İlgili Faktörlerin
Araştı - 201
Billur , Kızıl Durak A., Can B., Turan B., Project Supported by Higher Education Institutions,
Metab lu S okampusun Nörogenezine Etkili Faktörlerin İncelenmesi, 2016 - 2018
TURA ıpp er Education Institutions, İnsülin direnci gelişmiş sıçan kardiyomiyositlerinde iyon
kanal yon elektrofizyolojik ve moleküler biyolojik tekniklerle incelenmesi, 2016 - 2018
Turan Pro fik kardiyomiyositlerde Beta3 adrenerjik reseptör aktivasyonunun hücre içi Ca2 ve
Na ho ceri n incelenmesi, 2015 - 2018
Turan Proje n Ve Kuersetinin Metabolik Sendromlu Sıçan Kardiyomiyositlerinde Hücre Içi Na
Home erini i, 2015 - 2017
Turan Proj iyositlerde endoplazmik retikulum stresi hücre içi serbest Zn2 regülasyonu ve
mitok n kalp fonksiyon bozukluğu patolojisindeki rolünün incelenmesi, 2013 - 2017
Turan Pro myositlerde Endoplazmik Retikülüm stresi hücre içi serbest Zn Regülasyonu ve
mitok n kalp fonksiyon bozukluğu patolojisindeki rolünün incelenmesi, 2013 - 2017
TURA ern ng Programs, Kardiyomiyositlerde endoplazmik retikulum stresi, hücre içi serbest
Zn2 r mito ndaki çapraz ilişkinin kalp fonksiyon bozukluğu patolojisindeki rolünün
incele 201
TURA Pr fik Kalp Yetmezliği Modelinde Rho Kinaz ın Rolünün Elektrofizyolojik Yöntemlerle
İncel

Tura pp r Education Institutions, Streptozotosin İle İndüklenen Diyabetik
Kardi Ara tent)Hipoksinin Etkilerinin Fonksiyonel ve Moleküler Tekniklerle İncelenmesi, 2013
- 201
TURA pp her Education Institutions, Streptozotosin İle İndüklenen Diyabetik
Kardi e Ara ent Hipoksinin Etkilerinin Fonksiyonel Ve Moleküler Tekniklerle İncelenmesi, 2013 -
2016
TURA Supp her Education Institutions, Kardiyomiyosit ve nöronal kültüre hücrelerde hücre içi
serbe laştırmalı olarak incelenmesi, 2012 - 2014
Tura s normal ve hiperglisemik HL 1 kardiyomiyositlerinde Na H değiş tokuşcusu ve Na
HCO syonu üzerine etkileri Hücreiçi sinyal yolaklarında miRNA ların ve S nitrolizasyonun
rolü,
Tura Suppo r Education Institutions, Hipoksinin fare HL 1 kardiyomiyositlerinde H homeostazı
üzeri ileri, 2011 - 2012
Tura betik kardiyomiyopatide yeni bir tedavi hedefi Ryanodin reseptörleri, 2008 - 2011
Tura yositlerde Hücreiçi Zn2 Homeostazı Hücreiçi Serbest Zn2 ve Matriks
Meta için Kalbi Uyarılma Kasılma Çiftlenimindeki Rolü, 2008 - 2011
Tura bet kardiyomiyopatide tedavi için yeni ilaç hedefleri, 2006 - 2008
Tura skanlığı (Kalkınma Bakanlığı) Projesi, iki foton floresan laser mikroskoskopi hücresel
görü
Tura etik sıçan kardiyomiyositlerinde beta adrenerjik reseptör yanıtları, 2005 - 2007
Tura kanlığı (Kalkınma Bakanlığı) Projesi, Hücreiçi iyon görüntüleme sistemi, 2000 - 2001
Tura nların diyabette gözlenen çeşitli organ fonksiyon bozukluklarına etkilerinin
elek moleküler biyofizik yöntemlerle incelenmesi, 1997 - 1999
Tura ve marda endotel ve kas hücresi ilişkisinin incelenmesi, 1994 - 1997
TUR v marda endotel ve kas hücresi ilişkilerinin incelenmesi, 1994 - 1997
Tura fonksiyon bozukluğunda rol alan kontrolsüz sarkoplazmik retikulum Ca2 sızıntısı ile ilgili
mole

Act arr ls

ANA OL Y, Assistant Editor/Section Editor, 2021 - Continues
BIO RCH, Assistant Editor/Section Editor, 2020 - Continues
MOL MISTRY, Assistant Editor/Section Editor, 2020 - Continues
FRO Editor/Section Editor, 2020 - Continues
Ank mittee Member, 2020 - Continues
Car ditor/Section Editor, 2000 - Continues

Me tific Organizations

Inte lar Sciences European Section, Board Member, 2010 - Continues, Hungary
Inte lar Sciences, Principal Member, 2005 - Continues, Canada
Int , Principal Member, 2003 - Continues, Germany
Am r, 1995 - Continues, United States Of America
Tür ber, 1987 - Continues, Turkey

Sci

Re del etik kurul, Lokman Hekim University, Turkey, December 2023

Res Sağlık Bilim. Fak., Lokman Hekim University, Turkey, November 2023
Res Ergoterapi, Lokman Hekim University, Turkey, September 2023
Res sağlık Bilim. Fak., Lokman Hekim University, Turkey, September 2023
Res Ankara hastanesi, Lokman Hekim University, Turkey, September 2023
Res sağlık Bilim. Fak., Lokman Hekim University, Turkey, September 2023
Res ra Üniv. Kök Hücre Enst., Lokman Hekim University, Turkey, August 2023
JOU rnal, July 2023
AC SCI Journal, July 2023
HIS CI Journal, July 2023
BIO RCH, SCI Journal, July 2023
JOU LYSIS, SCI Journal, July 2023
Res an Hekim Üniversitesi Dil ve Konuşma Terapisi Bölümü, Lokman Hekim University,
Turk
Rese n Hekim Üniv. Sağlık Bilimleri Fakültesi, Lokman Hekim University, Turkey, July
2023
Res n Hekim Üniversitesi KBB AD, AKAY Hastanesi , Lokman Hekim University,
Turk
BIO RCH, SCI Journal, June 2023
BIO OLECULAR BASIS OF DISEASE, SCI Journal, June 2023
CAN Y AND PHARMACOLOGY, SCI Journal, May 2023
JOUR CI Journal, May 2023
JOUR DICINE AND BIOLOGY, SCI Journal, May 2023
TUB g Researcher Career Development Program, Lokman Hekim University, Turkey,
May
Res el etik kurul, Lokman Hekim University, Turkey, May 2023
Res Pl Sağlık Bilim. Fak., Lokman Hekim University, Turkey, May 2023
Rese ra 29 Mayıs Devlet Hastanesi, Lokman Hekim University, Turkey, May 2023
BULI Y AND MEDICINE, SCI Journal, April 2023
JOU DICINE AND BIOLOGY, SCI Journal, April 2023
FR urnal, April 2023
AN , SCI Journal, April 2023
Res ğlık Bilimleri fakültesi, Lokman Hekim University, Turkey, April 2023
AC S National Scientific Refreed Journal, March 2023
BIOL CH, SCI Journal, March 2023
JOU DICINE AND BIOLOGY, SCI Journal, March 2023
Rese ğ/Necatibey mesleki ve teknik Anadolu lisesi, Lokman Hekim University, Turkey,
M
Re n Hekim Üniv. Ankara Hastanesi, Lokman Hekim University, Turkey, March 2023
FR ICINE, SCI Journal, February 2023
CAR urnal, February 2023
AN , SCI Journal, February 2023
JOU ACE ICINE AND BIOLOGY, SCI Journal, February 2023
BI ACE CH, SCI Journal, February 2023
AN JRNA , SCI Journal, January 2023
HI D HIS I Journal, January 2023
JO ACE ICINE AND BIOLOGY, SCI Journal, January 2023
TU t, 35 g Researcher Career Development Program, Lokman Hekim University, Turkey,
Ja
PL journ
JO RACE ICINE AND BIOLOGY, SCI Journal, October 2022
CA RNAL AND PHARMACOLOGY, SCI Journal, October 2022

C/ ,AR T Journal, October 2022
BI RACE F CH, SCI Journal, October 2022
AI URNAI ', SCI Journal, August 2022
AI URNAI ', SCI Journal, August 2022
TU ct, 223 pporting International Researchers, Lokman Hekim University, Turkey, August 20
Ko rgisi . fic Refreed Journal, July 2022
AI URNAI ', SCI Journal, June 2022
H e Proj e Project, KAROLINSKA INSTITUTET , Sweden, June 2022
H e Proj e Project, UNIVERSITAETSMEDIZIN BERLIN , Germany, June 2022
H e Proj e Project, INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE , France, Ju
H e Proj e Project, CENTRE HOSPITALIER REGIONAL ET UNIVERSITAIRE DE BR , France, Ju
BI ACE I CH, SCI Journal, May 2022
JO RACE I CINE AND BIOLOGY, SCI Journal, April 2022
BI ACE I CH, SCI Journal, April 2022
JO RDIO LATIONAL RESEARCH, SCI Journal, April 2022
Ar itesi Ti uasi, National Scientific Refreed Journal, April 2022
BI ACE I CH, SCI Journal, March 2022
A tesi T muasi, National Scientific Refreed Journal, March 2022
BI ACE I CH, SCI Journal, March 2022
JO ACE I CINE AND BIOLOGY, SCI Journal, March 2022
M D CE ISTRY, National Scientific Refreed Journal, March 2022
AI URNAI ', SCI Journal, March 2022
A itesi T uasi , National Scientific Refreed Journal, March 2022
T t, 223 search Scholarship Program, Bahcesehir University, Turkey, March 2022
B ACE E CH, SCI Journal, February 2022
C AR T rnal, February 2022
C AR R nal, February 2022
C AR T urnal, February 2022
M D CE ISTRY, SCI Journal, January 2022
B ACE E CH, SCI Journal, January 2022
C AR RE rnal, January 2022
F IOLO E, SCI Journal, January 2022
A RNAI ', SCI Journal, January 2022
A RNAI ', SCI Journal, January 2022
A RNA ', SCI Journal, January 2022
T t, 100 Program, Yozgat Bozok University, Turkey, October 2021
T t, 100 pporting Scientific and Technological Research Projects, Karadeniz Technical U cy, Oc

S su

Ü ct Co Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey, 2023 - C
Ü ct Co n Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey, 2023 - C
A tesi, F a cy, Lokman Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey, 2

Ü ct Co y, n Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey, 2021 -
C e
Ü ct Co n Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Turkey, 2021 -
C s
H N -I 2022- sultancy, Lokman Hekim University, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü,
T 022

T nt O

T 4.U rarar izik Kongresi, Adıyaman, 2022, Scientific Congress, Adıyaman, Turkey, Eylül 2022
T T ilim k gözlemsel araştırmalarda önemi , Workshop Organization, Ankara, Turkey,
M
T asyonc roje Hazırlama, Yazma ve Yürütme Eğitimi Ankara 2022, Workshop Organization,
A Şubat

S fic ear Group Memberships

C ersita este, İtalya, https://www.icgeb.org/, 2024 - Continues
E ochs Würzburg, Almanya, https://www.cost.eu/actions/CA22169/, 2023 - Continues

M

P
C 966
C 37
H 30
H : 33

C Sy ities

A Mar oe Meeting Action CA22169 - EU-METAHEART, Audience, Brussels, Belgium,
2
In ienti edicine, Invited Speaker, Ankara, Turkey, 2022
8 ction nternational Academy of Cardiovascular Sciences , Invited Speaker, Szeged,
H
N Mee onal Society for Heart Research and International Academy of Cardiovascular
Sc In Speak nada, 2022
4 33r sics Congress 2022 , Moderator, Adıyaman, Turkey, 2022
4 33r ysics Congress 2022 , Panelists, Adıyaman, Turkey, 2022
9 COTI ion Final MC/WG meeting , Invited Speaker, Coimbra, Portugal, 2022
6 Soci g, Attendee, California, United States Of America, 2022
P at th ne, Invited Speaker, Timisoara, Romania, 2021
C physical activity in old age [PhysAgeNet], Audience, Piran, Slovenia, 2021
2 Med shop, Audience, London, England, 2021
3 k Ke , Adana, Turkey, 2021
8 COTI on WG Meeting, Invited Speaker, Barcelona, Spain, 2021
7 HE ION AND8th MEETING OF THE NORTH AMERICAN SECTION OF THE
IN ACA VASCULAR SCIENCES (IACS), Invited Speaker, Banja Luka, Bosnia And

H

R n Activities

In öğrencileri, Turkey, Ankara, 2023 - 2023
Ir , Turkey, Ankara, 2023 - 2023
In lekim Üniversitesi, Turkey, Ankara, 2022 - 2023
In lekim, Turkey, Ankara, 2022 - 2023
In lekim Üniversitesi, Turkey, Ankara, 2022 - 2023
In lekim Üniv. Tıp Fakültesi, Turkey, Ankara, 2022 - 2023
In lekim Üniversitesi Tıp fakültesi, Turkey, Ankara, 2022 - 2023
Ir lekim Üniversitesi, Turkey, Ankara, 2022 - 2023
Ir lekim Üniversitesi, Turkey, Ankara, 2022 - 2023
In üniversitesi, Turkey, Ankara, 2022 - 2022
In üniv., Turkey, Ankara, 2022 - 2022
Ir Üniv., Turkey, Ankara, 2022 - 2022