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Anabilim Dalı Akademik Kurul Üyesi, Ankara Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, 2020 - Devam Ediyor

Verdiği Dersler

Doku Biyolojisi, Lisans, 2022 - 2023, 2021 - 2022
Biyofizikte temel elektrofizyolojik yöntemler, Lisans, 2022 - 2023, 2021 - 2022
Vücut yapısı ve işlev bilgisi, Lisans, 2022 - 2023, 2021 - 2022
Advances in Cardiovascular System Biophysics , Lisans, 2022 - 2023, 2021 - 2022
Tissue Biology, Lisans, 2022 - 2023
Dolaşım ve Solunum Sistemleri, Lisans, 2022 - 2023
Dolaşım biyofiziği, Yüksek Lisans, 2022 - 2023, 2021 - 2022, 2020 - 2021
BASIC ELEKTROPHYSIOLOGICAL APPLICATIONS IN BIOPHYSICS, Lisans, 2022 - 2023, 2021 - 2022, 2020 - 2021
Vücut Yapısı ve İşlev Bilgisi I , Lisans, 2022 - 2023
Tez Çalışması, Yüksek Lisans, 2021 - 2022
Cell biology, Lisans, 2022 - 2023, 2021 - 2022
Nöronal Haberleşme, Doktora, 2022 - 2023, 2021 - 2022, 2020 - 2021
Uzmanlık alan dersi YL, Yüksek Lisans, 2021 - 2022
Uzmanlık alan dersi, Doktora, 2022 - 2023
Hücre Biyolojisi, Lisans, 2022 - 2023
Seminer, Doktora, 2022 - 2023
Medikal Fizik, Lisans, 2016 - 2017
Biyofizik, Lisans, 2016 - 2017

Yönetilen Tezler

, Tuncay E., İnsülin Direnci Geliştirilmiş H9C2 Hücre Hatlarında Epigenetik Değişimlerin ÇinkoTransporterları Üzerindeki Rolü, Yüksek Lisans, İAKTAY(Öğrenci), 2022

Jüri Üyelikleri

Tez Savunma (Doktora), Tez Savunma (Doktora), Ankara Üniversitesi, Haziran, 2024
Tez Savunma (Doktora), Tez Savunma (Doktora), Ankara Üniversitesi, Haziran, 2024
Doktora Yeterlik Sınavı, Doktora Yeterlik Sınavı, Gazi Üniversitesi, Mayıs, 2023
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Doktora Tez İzleme Komitesi (TİK) Üyeliği, Doktora Tez İzleme Komitesi (TİK) Üyeliği, Ankara Üniversitesi, Ocak, 2023
Doktora Tez İzleme Komitesi (TİK) Üyeliği, Doktora Tez İzleme Komitesi (TİK) Üyeliği, Ankara Üniversitesi, Ocak, 2023

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Antibacterial efficacy of silver nanoparticles, sodium hypochlorite, chlorhexidine, and hypochlorous acid on dentinal surfaces infected with *Enterococcus faecalis***
ÖNCÜ A., ÇELİKTEK B., AYDIN B., AMASYA ÇELİKTEK G., TUNCAY E., Eskiler G. G., AÇIK L., SEVİMAY F. S.
MICROSCOPY RESEARCH AND TECHNIQUE, sa.9, ss.2094-2102, 2024 (SCI-Expanded)
- II. **An Overexpression of SLC30A6 Gene Contributes to Cardiomyocyte Dysfunction via Affecting Mitochondria and Inducing Activations in K-Acetylation and Epigenetic Proteins**
Aktay I., BİLLUR D., TUNCAY E., TURAN B.
Biochemical Genetics, cilt.62, sa.4, ss.3198-3214, 2024 (SCI-Expanded)
- III. **Cardioprotective role of a magnolol and honokiol complex in the prevention of doxorubicin-mediated cardiotoxicity in adult rats**
Aktay I., BİTİRİM C. V., OLĞAR Y., DURAK A., TUNCAY E., BİLLUR D., AKÇALI K. C., TURAN B.
Molecular and Cellular Biochemistry, cilt.479, sa.2, ss.337-350, 2024 (SCI-Expanded)
- IV. **Clinical evaluation of DIAGNOVIR SARS-CoV-2 ultra-rapid antigen test performance compared to PCR-based testing**
Seymen A. A., Gulden E., Ozgur E., Ortaç B., Akdemir I., Cinar G., Saricaoğlu E. M., Guney-Esken G., Akkus E., Can F., et al.
SCIENTIFIC REPORTS, cilt.13, sa.1, 2023 (SCI-Expanded)
- V. **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, cilt.41, sa.8, ss.1526-1542, 2023 (SCI-Expanded)
- VI. **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, cilt.78, 2023 (SCI-Expanded)
- VII. **The cardioprotective role of sirtuins is mediated in part by regulating K(ATP) channel surface expression.**
Tuncay E., Gando I., Huo J., Yepuri G., Samper N., Turan B., Yang H., Ramasamy R., Coetzee W. A.
American journal of physiology. Cell physiology, 2023 (SCI-Expanded)
- VIII. **Editorial: Insulin resistance and cardiovascular disease**
Stewart A. J., TUNCAY E., Pitt S. J., Rainbow R. D.
Frontiers in Endocrinology, cilt.14, 2023 (SCI-Expanded)
- IX. **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.
MOLECULAR AND CELLULAR BIOCHEMISTRY, cilt.477, sa.11, ss.2609-2625, 2022 (SCI-Expanded)
- X. **Functional evaluation of the tachycardia patient-derived iPSC cardiomyocytes carrying a novel pathogenic SCN5A variant**
Sahoglu S. G., Kazci Y. E., Tuncay E., Torun T., Akdeniz C., Tuzcu V., Cagavi E.
JOURNAL OF CELLULAR PHYSIOLOGY, cilt.237, sa.10, ss.3900-3911, 2022 (SCI-Expanded)
- XI. **Bimodal Effects of P2Y(12) Antagonism on Matrix Metalloproteinase-Associated Contractile Dysfunction in Insulin-Resistant Mammalian Heart**
OLĞAR Y., TUNCAY E., BİLLUR D., Turan B.
BIOLOGICAL TRACE ELEMENT RESEARCH, cilt.200, sa.5, ss.2195-2204, 2022 (SCI-Expanded)
- XII. **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, cilt.22, sa.1, 2022 (SCI-Expanded)

- XIII. **Astaxanthin Enhances Gingival Wound Healing following High Glucose-Induced Oxidative Stress**
Aras Tosun D., Önder C., Akdogan N., Kurgan Ş., Aktay I., Tuncay E., Orhan K.
BIOMED RESEARCH INTERNATIONAL, cilt.2022, 2022 (SCI-Expanded)
- XIV. **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 beta(3)-adrenergic receptor signaling pathway**
OLĞAR Y., DURAK A., Bitirim C. V., TUNCAY E., Turan B.
JOURNAL OF CELLULAR PHYSIOLOGY, cilt.237, sa.2, ss.1353-1371, 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, cilt.121, sa.3, ss.87, 2022 (SCI-Expanded)
- XVI. **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, cilt.121, sa.3, 2022 (SCI-Expanded)
- XVII. **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., Çorapçıoğlu D., Turan B.
CLINICAL AND EXPERIMENTAL PHARMACOLOGY AND PHYSIOLOGY, cilt.49, ss.46-59, 2022 (SCI-Expanded)
- XVIII. **Ticagrelor alleviates high-carbohydrate intake induced altered electrical activity of ventricular cardiomyocytes by regulating sarcoplasmic reticulum-mitochondria miscommunication**
OLĞAR Y., DURAK A., Degirmenci S., TUNCAY E., BİLLUR D., ÖZDEMİR S., Turan B.
MOLECULAR AND CELLULAR BIOCHEMISTRY, cilt.476, sa.10, ss.3827-3844, 2021 (SCI-Expanded)
- XIX. **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, cilt.22, sa.13, 2021 (SCI-Expanded)
- XX. **The role of labile Zn²⁺ and Zn²⁺-transporters in the pathophysiology of mitochondria dysfunction in cardiomyocytes**
Turan B., TUNCAY E.
MOLECULAR AND CELLULAR BIOCHEMISTRY, cilt.476, sa.2, ss.971-989, 2021 (SCI-Expanded)
- XXI. **Ageing-associated increase in SGLT2 disrupts mitochondrial/sarcoplasmic reticulum Ca(2+)homeostasis and promotes cardiac dysfunction**
OLĞAR Y., TUNCAY E., Degirmenci S., BİLLUR D., Dhingra R., Kirshenbaum L., Turan B.
JOURNAL OF CELLULAR AND MOLECULAR MEDICINE, cilt.24, sa.15, ss.8567-8578, 2020 (SCI-Expanded)
- XXII. **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, cilt.136, 2020 (SCI-Expanded)
- XXIII. **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 CELLULAR BIOCHEMISTRY, cilt.469, sa.1-2, ss.97-107, 2020 (SCI-Expanded)
- XXIV. **Altered mitochondrial metabolism in the insulin-resistant heart**
Makrecka-Kuka M., Liepinsh E., Murray A. J., Lemieux H., Dambrova M., Tepp K., Puurand M., Kaambre T., Han W. H., de Goede P., et al.

ACTA PHYSIOLOGICA, cilt.228, sa.3, 2020 (SCI-Expanded)

- XXV. **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, cilt.463, sa.1-2, ss.33-44, 2020 (SCI-Expanded)
- XXVI. **Azoramide improves mitochondrial dysfunction in palmitate-induced insulin resistant H9c2 cells**
Okatan E. N., OLĞAR Y., TUNCAY E., Turan B.
MOLECULAR AND CELLULAR BIOCHEMISTRY, cilt.461, sa.1-2, ss.65-72, 2019 (SCI-Expanded)
- XXVII. **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, cilt.20, sa.15, 2019 (SCI-Expanded)
- XXVIII. **beta(3)-adrenergic receptor activation plays an important role in the depressed myocardial contractility via both elevated levels of cellular free Zn²⁺ and reactive nitrogen species**
TUNCAY E., OLĞAR Y., DURAK A., Degirmenci S., BİTİRİM C. V., Turan B.
JOURNAL OF CELLULAR PHYSIOLOGY, cilt.234, sa.8, ss.13370-13386, 2019 (SCI-Expanded)
- XXIX. **Zn²⁺-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, cilt.44, ss.41-52, 2019 (SCI-Expanded)
- XXX. **A SGLT2 inhibitor dapagliflozin suppresses prolonged ventricular-repolarization through augmentation of mitochondrial function in insulin-resistant metabolic syndrome rats**
DURAK A., OLĞAR Y., Degirmenci S., AKKUŞ E., TUNCAY E., Turan B.
CARDIOVASCULAR DIABETOLOGY, cilt.17, 2018 (SCI-Expanded)
- XXXI. **Demonstration of subcellular migration of CK2 alpha localization from nucleus to sarco(endo)plasmic reticulum in mammalian cardiomyocytes under hyperglycemia**
BİTİRİM C. V., TUNCAY E., Turan B.
MOLECULAR AND CELLULAR BIOCHEMISTRY, cilt.443, sa.1-2, ss.25-36, 2018 (SCI-Expanded)
- XXXII. **Intermittent hypoxia induces beneficial cardiovascular remodeling in left ventricular function of type 1 diabetic rat**
AKAT F., FIÇICILAR H., DURAK A., TUNCAY E., Dursun A. D., TOPAL ÇELİKKAN F., SABUNCUOĞLU B., Turan B., BAŞTUĞ M.
ANATOLIAN JOURNAL OF CARDIOLOGY, cilt.19, sa.4, ss.259-266, 2018 (SCI-Expanded)
- XXXIII. **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 KESKİN Z., AKÇALI K. C., AKAR A. R., Turan B.
JOURNAL OF CELLULAR AND MOLECULAR MEDICINE, cilt.22, sa.3, ss.1944-1956, 2018 (SCI-Expanded)
- XXXIV. **Cytosolic increased labile Zn²⁺ contributes to arrhythmogenic action potentials in left ventricular cardiomyocytes through protein thiol oxidation and cellular ATP depletion**
DEĞİRMENÇİ S., OLĞAR Y., DURAK A., TUNCAY E., Turan B.
JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, cilt.48, ss.202-212, 2018 (SCI-Expanded)
- XXXV. **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., Mutlu G., ARIOĞLU İNAN E., Altan V. M., Turan B.
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, cilt.95, sa.11, ss.1335-1342, 2017 (SCI-Expanded)
- XXXVI. **Impact of Labile Zinc on Heart Function: From Physiology to Pathophysiology**
Turan B., TUNCAY E.
INTERNATIONAL JOURNAL OF MOLECULAR SCIENCES, cilt.18, sa.11, 2017 (SCI-Expanded)
- XXXVII. **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., Gorlach A., Kietzmann T., Kubaichuk K., Knaus U. G., Lopez M. G., Olaso-Gonzalez G., et al.

REDOX BIOLOGY, cilt.13, ss.94-162, 2017 (SCI-Expanded)

- XXXVIII. **Cardioprotective Action of Intermittent Hypoxia on Left Ventricle Function in Type I Diabetic Rats**
Akut F, Ficicilar H, Baştuğ M., Tuncay E., Durak A., Dursun A. D., Celikkan F. T., Sabuncuoglu B., Turan B.
ACTA PHYSIOLOGICA, cilt.221, ss.22, 2017 (SCI-Expanded)
- XXXIX. **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, cilt.66, sa.5, ss.1346-1358, 2017 (SCI-Expanded)
- XL. **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, cilt.100, 2016 (SCI-Expanded)
- XLI. **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, cilt.100, 2016 (SCI-Expanded)
- XLII. **Interplay Between Cytosolic Free Zn²⁺ and Mitochondrion Morphological Changes in Rat Ventricular Cardiomyocytes**
BİLLUR D., TUNCAY E., Okatan E. N., OLĞAR Y., Durak A., DEĞİRMENCİ S., CAN B., Turan B.
BIOLOGICAL TRACE ELEMENT RESEARCH, cilt.174, sa.1, ss.177-188, 2016 (SCI-Expanded)
- XLIII. **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, cilt.169, sa.2, ss.294-302, 2016 (SCI-Expanded)
- XLIV. **Immuno-spin trapping detection of antioxidant/pro-oxidant properties of zinc or selenium on DNA and protein radical formation via hydrogen peroxide**
Deletioğlu V., TUNCAY E., Toy A., Atalay M., Turan B.
MOLECULAR AND CELLULAR BIOCHEMISTRY, cilt.409, sa.1-2, ss.23-31, 2015 (SCI-Expanded)
- XLV. **Profiling of cardiac beta-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, cilt.93, sa.7, ss.517-525, 2015 (SCI-Expanded)
- XLVI. **Regulation of Cardiac beta(3)-Adrenergic Receptors in Hyperglycemia**
Turan B., TUNCAY E.
INDIAN JOURNAL OF BIOCHEMISTRY & BIOPHYSICS, cilt.51, sa.6, ss.483-492, 2014 (SCI-Expanded)
- XLVII. **Regulation of cardiac β3-adrenergic receptors in hyperglycemia**
Turan B., TUNCAY E.
Indian Journal of Biochemistry and Biophysics, cilt.51, sa.6, ss.483-492, 2014 (SCI-Expanded)
- XLVIII. **Beta-blocker timolol alleviates hyperglycemia-induced cardiac damage via inhibition of endoplasmic reticulum stress**
ÇİÇEK F., Toy A., TUNCAY E., CAN B., Turan B.
JOURNAL OF BIOENERGETICS AND BIOMEMBRANES, cilt.46, sa.5, ss.377-387, 2014 (SCI-Expanded)
- XLIX. **Long-term treatment with a beta-blocker timolol attenuates renal-damage in diabetic rats via enhancing kidney antioxidant-defense system**
Gokturk H., Uluşu N. N., GÖK M., TUNCAY E., CAN B., Turan B.
MOLECULAR AND CELLULAR BIOCHEMISTRY, cilt.395, sa.1-2, ss.177-186, 2014 (SCI-Expanded)
- L. **Mitochondrial and ER-Targeted eCALWY Probes Reveal High Levels of Free Zn²⁺**
Chabosseau 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, cilt.9, sa.9, ss.2111-2120, 2014 (SCI-Expanded)

- LI. 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, cilt.14, sa.1, ss.64-73, 2014 (SCI-Expanded)
- LII. Increased oxidative stress triggers marked intracellular zinc elevation in cardiomyocytes under hyperglycaemia**
TUNCAY E., Lyon A., Rutter G. A., Turan B.
DIABETIC MEDICINE, cilt.31, ss.55, 2014 (SCI-Expanded)
- LIII. Regulation of cardiac β 3-adrenergic receptors in hyperglycemia**
Turan B., TUNCAY E.
Indian Journal of Geo-Marine Sciences, cilt.51, sa.6, ss.483-492, 2014 (SCI-Expanded)
- LIV. Enhancement of Cellular Antioxidant-Defence Preserves Diastolic Dysfunction via Regulation of Both Diastolic Zn^{2+} and Ca^{2+} and Prevention of RyR2-Leak in Hyperglycemic Cardiomyocytes**
TUNCAY E., Okatan E. N., Toy A., Turan B.
OXIDATIVE MEDICINE AND CELLULAR LONGEVITY, cilt.2014, 2014 (SCI-Expanded)
- LV. 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, cilt.24, sa.12, ss.2110-2118, 2013 (SCI-Expanded)
- LVI. beta-Blocker Timolol Prevents Arrhythmogenic Ca^{2+} Release and Normalizes Ca^{2+} and Zn^{2+} Dyshomeostasis in Hyperglycemic Rat Heart**
TUNCAY E., Okatan E. N., Vassort G., Turan B.
PLOS ONE, cilt.8, sa.7, 2013 (SCI-Expanded)
- LVII. 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, cilt.44, sa.2, ss.281-296, 2012 (SCI-Expanded)
- LVIII. 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, cilt.43, sa.6, ss.747-756, 2011 (SCI-Expanded)
- LIX. Age-related regulation of excitation-contraction coupling in rat heart**
KANDILCI H. B., TUNCAY E., Zeydanli E. N., Sozmen N. N., Turan B.
JOURNAL OF PHYSIOLOGY AND BIOCHEMISTRY, cilt.67, sa.3, ss.317-330, 2011 (SCI-Expanded)
- LX. Profound cardioprotection with timolol in a female rat model of aging-related altered left ventricular function**
Sozmen N. N., TUNCAY E., Bilginoglu A., Turan B.
CANADIAN JOURNAL OF PHYSIOLOGY AND PHARMACOLOGY, cilt.89, sa.4, ss.277-288, 2011 (SCI-Expanded)
- LXI. Intracellular free zinc during cardiac excitation-contraction cycle: calcium and redox dependencies**
TUNCAY E., Bilginoglu A., Sozmen N. N., Zeydanli E. N., UĞUR M., Vassort G., Turan B.
CARDIOVASCULAR RESEARCH, cilt.89, sa.3, ss.634-642, 2011 (SCI-Expanded)
- LXII. Intracellular Zn^{2+} Release Modulates Cardiac Ryanodine Receptor Function and Cellular Activity**
Zeydanli E. N., TUNCAY E., Seymen A. A., Bilginoglu A., Sozen N., UĞUR M., Vassort G., Turan B.
BIOPHYSICAL JOURNAL, cilt.98, sa.3, 2010 (SCI-Expanded)
- LXIII. Effects of beta-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, cilt.87, sa.4, ss.310-317, 2009 (SCI-Expanded)
- LXIV. 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, cilt.9, sa.1, ss.21-29, 2009 (SCI-Expanded)

LXV. BENEFICIAL EFFECTS WITH BETA-ADRENERGIC RECEPTOR BLOCKERS ON ALTERED INTRACELLULAR Ca²⁺ IN DIABETIC RAT HEART

TUNCAY E., Seymen A. A., Turan B.

JOURNAL OF PHYSIOLOGICAL SCIENCES, cilt.59, ss.124, 2009 (SCI-Expanded)

LXVI. Sex-related effects on diabetes-induced alterations in calcium release in the rat heart

YARAŞ N., TUNCAY E., Purali N., Sahinoglu B., Vassort G., Turan B.

AMERICAN JOURNAL OF PHYSIOLOGY-HEART AND CIRCULATORY PHYSIOLOGY, cilt.293, sa.6, 2007 (SCI-Expanded)

LXVII. Gender related differential effects of Omega-3E treatment on diabetes-induced left ventricular dysfunction

TUNCAY E., Seymen A. A., Tanriverdi E., YARAŞ N., Tandogan B., Ulusu N. N., Turan B.

MOLECULAR AND CELLULAR BIOCHEMISTRY, cilt.304, sa.1-2, ss.255-263, 2007 (SCI-Expanded)

Diğer Dergilerde Yayınlanan Makaleler

I. Journal of Ankara University Faculty of Medicine

Akat F., Aryan L., Şık S., Arnous E. A., Tuncay E.

Ankara Üniversitesi Tıp Fakültesi Mecmuası, cilt.77, sa.2, ss.128-136, 2024 (Hakemli Dergi)

II. Investigation of the Effect of the Antiaggregant Agent Ticagrelor on the Electrical and Mechanical Activities of Rat Heart With Type 1 Diabetes

DURAK A., TUNCAY E., DEĞİRMENCİ S., TURAN B.

Ankara Üniversitesi Tıp Fakültesi Mecmuası, 2021 (Hakemli Dergi)

III. Pioglitazonun Metabolik Sendromlu Sıçan Kalp Fonksiyonuna Etkisinin Elektrofizyolojik Yöntemlerle İncelenmesi

DURAK A., TUTAR SELÇUK M. F., OLĞAR Y., OKATAN E. N., DEĞİRMENCİ S., aksu s., bıçakçı e., bıçakçı e., DOĞAN M., TUNCAY E., et al.

Ankara Üniversitesi Tıp Fakültesi Mecmuası, 2015 (Hakemli Dergi)

Kitap & Kitap Bölümleri

I. Toxic Effects of Intracellular Free Zinc Ion in Cardiomyocytes via Zinc-Transporters: Structural and Functional Changes in Mitochondria

Turan B., Billur D., Tuncay E.

Environmental Factors in the Pathogenesis of Cardiovascular Diseases, Dragan M. Djuric, Devendra K. Agrawal, Editör, Springer Nature, Zürich, ss.259-281, 2024

II. High Carbohydrate Diet-Induced Metabolic Syndrome in the Overweight Body: Association between Organ Dysfunction and Insulin Resistance

Tuncay E.

Personalized Nutrition as Medical Therapy for High-Risk Diseases, Nilanjana Maulik, Editör, CRC, New York, Florida, ss.153-182, 2020

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

I. The Zn²⁺-Transporter ZnT6 Plays Important Role on Regulation of Cytosolic Free Zn²⁺ Through Modulation of Mitochondrial Zn²⁺ in Hyperglycemic Cardiomyocytes

TUNCAY E., Turan B.

Annual Meeting on Experimental Biology, California, Amerika Birleşik Devletleri, 4 - 07 Nisan 2020, cilt.34

- II. **Insulin Similar to Activator of KCNQ1 Channel Recovers the Prolonged Repolarization of Ventricular Cardiomyocytes from Insulin Resistant Aged Rats**
Turan B., OLĞAR Y., DURAK A., TUNCAY E.
Annual Meeting on Experimental Biology, California, Amerika Birleşik Devletleri, 4 - 07 Nisan 2020, cilt.34
- III. **Mitochondrial Free Zn²⁺ Changes can Play an Important Role in Aging-associated Cardiac Dysfunction Through Increases in Mitochondria associated ROS Production**
Turan B., OLĞAR Y., TUNCAY E.
26th Annual Meeting of the Society-for-Redox-Biology-and-Medicine (SFRBM), Nevada, Amerika Birleşik Devletleri, 01 Ocak 2019, cilt.145
- IV. **Effects of a SGLT2 inhibitor on intracellular ion levels and mitochondrial membrane potential in ventricular H9c2 cell line**
Degirmenci S., Durak A., OLĞAR Y., TUNCAY E., Turan B.
Joint 12th EBSA European Biophysics Congress / 10th IUPAP International Conference on Biological Physics (ICBP), Madrid, İspanya, 20 - 24 Temmuz 2019, cilt.48
- V. **Inhibitor of Protein Kinase G Preserves Prolonged Ventricular Action Potentials via Improvement of Slow-Activated Voltage-Dependent K⁺-Channel Currents in Aged Rat Cardiomyocytes**
Turan B., OLĞAR Y., TUNCAY E.
63rd Annual Meeting of the Biophysical-Society, Maryland, Amerika Birleşik Devletleri, 2 - 06 Mart 2019, cilt.116
- VI. **Sirtuins Positively Regulate K-ATP Channels, Which Contributes to their Cardioprotective Role**
TUNCAY E., Yang H., Gando I., Turan B., Ramasamy R., Coetzee W. A.
63rd Annual Meeting of the Biophysical-Society, Maryland, Amerika Birleşik Devletleri, 2 - 06 Mart 2019, cilt.116
- VII. **beta 3-Adrenergic Receptor Regulation of Cardiac Ion Channels in Overweight Insulin Resistant Rats**
DURAK A., OLĞAR Y., TUNCAY E., Turan B.
62nd Annual Meeting of the Biophysical-Society, San-Francisco, Kostarika, 17 - 21 Şubat 2018, cilt.114
- VIII. **Zn - Transporters ZIP7 and ZNT7 Play Important Role in Progression of Cardiac Dysfunction via Affecting S(ER)-Mitochondria Coupling in Hyperglycemic Rat Heart**
BİTİRİM C. V., DURAK A., TURAN B., TUNCAY E.
International Congress of the Molecular Biology Association of Turkey, İstanbul, Türkiye, 08 Eylül 2017
- IX. **Role of Zinc Transporters in Mammalian Heart under Physiological and Pathological Conditions**
DURAK A., OLĞAR Y., TUNCAY E., BİTİRİM C. V., ÖZÇINAR E., İNAN M. B., AKÇALI K. C., ÖZDEMİR S., AKAR A. R., Turan B.
58th Annual Meeting of the Biophysical-Society, San-Francisco, Kostarika, 15 - 19 Şubat 2014, cilt.112
- X. **An Investigation on Electrical Activity and Sarcolemmal K⁺-Channels in Cardiomyocytes from Insulin-Resistant Rat Heart**
Toy A., OLĞAR Y., Degirmenci S., TUNCAY E., Turan B.
60th Annual Meeting of the Biophysical-Society, Los-Angeles, Şili, 27 Şubat - 02 Mart 2016, cilt.110
- XI. **Association Between beta 3-Adrenoceptor Activation and Intracellular Free Zinc Ion Increase Contributes to Hyperglycemia-Induced Cardiac ER-Stress**
TUNCAY E., Toy A., Turan B.
60th Annual Meeting of the Biophysical-Society, Los-Angeles, Şili, 27 Şubat - 02 Mart 2016, cilt.110
- XII. **Role of ZIP7 in Regulation of Cytosolic Free Zn²⁺ Level in Mammalian Cardiomyocytes**
TUNCAY E., BİTİRİM C. V., Toy A., Keskin Z. T., Akcali K. C., Rutter G. A., Turan B.
60th Annual Meeting of the Biophysical-Society, Los-Angeles, Şili, 27 Şubat - 02 Mart 2016, cilt.110
- XIII. **Age-Related Changes in Electrical Activities and Micrnas of Left Ventricular Cardiomyocytes Isolated from Rat Heart**
OLĞAR Y., TUNCAY E., Turan B.
60th Annual Meeting of the Biophysical-Society, Los-Angeles, Şili, 27 Şubat - 02 Mart 2016, cilt.110
- XIV. **Depressed Sarcoplasmic Reticulum Activity Underlies Ca²⁺ Dyshomeostasis in A Rat Model of Metabolic Syndrome**
Okatan E., TUNCAY E., Turan B.
Experimental Biology Meeting, Massachusetts, Amerika Birleşik Devletleri, 28 Mart - 01 Nisan 2015, cilt.29

- XV. **Dynamic imaging of compartmentalised intracellular free Zn²⁺ concentrations in rat ventricular cardiomyocytes**
TUNCAY E., Chabosseau P., Lyon A., Turan B., Rutter G.
Experimental Biology Meeting, Massachusetts, Amerika Birleşik Devletleri, 28 Mart - 01 Nisan 2015, cilt.29
- XVI. **beta(3)-Adrenergic Receptor Activation and Endoplasmic Reticulum Stress via Modulation of Intracellular Free Zn²⁺ in Hyperglycemic Cardiomyocytes**
Turan B., TUNCAY E., Toy A., ÇİÇEK F.
Experimental Biology Meeting, Massachusetts, Amerika Birleşik Devletleri, 28 Mart - 01 Nisan 2015, cilt.29
- XVII. **Roles of Intracellular Free Zn²⁺ on Electrical and Mechanical Activities of the Heart**
Degirmenci S., TUNCAY E., Turan B.
Experimental Biology Meeting, Massachusetts, Amerika Birleşik Devletleri, 28 Mart - 01 Nisan 2015, cilt.29
- XVIII. **Intracellular Free Zinc Ion Increase Triggers Hyperglycemia-Induced Cardiomyocyte Dysfunction through Endoplasmic Reticulum Stress**
TUNCAY E., ÇİÇEK F., Toy A., Turan B.
58th Annual Meeting of the Biophysical-Society, San-Francisco, Kostarika, 15 - 19 Şubat 2014, cilt.106
- XIX. **Activation of beta 3-Adrenoceptors Induces Increase in Intracellular Free Zinc Ion via No Signaling Pathway in Hyperglycemic Cardiomyocytes**
TUNCAY E., Turan B.
57th Annual Meeting of the Biophysical-Society, Pennsylvania, Amerika Birleşik Devletleri, 2 - 06 Şubat 2013, cilt.104
- XX. **Enhancement of Antioxidant Defence Preserves RyR2 Function of Hyperglycemic Cardiomyocytes via Regulation of both Intracellular Zn²⁺ and Ca²⁺ Homeostasis**
TUNCAY E., Turan B.
57th Annual Meeting of the Biophysical-Society, Pennsylvania, Amerika Birleşik Devletleri, 2 - 06 Şubat 2013, cilt.104
- XXI. **Timolol treatment of diabetic rats improved basal cardiac function and responses to beta 3-but not beta 1-and beta 2-receptors stimulations**
TUNCAY E., Zeydanli E. N., Turan B.
Experimental Biology Meeting 2011, Washington, Kiribati, 9 - 13 Nisan 2011, cilt.25
- XXII. **Phosphorylation of ryanodine receptors plays important role in rat heart function during maturation**
Tuncay E., Kandilci H. B., Zeydanli E. N., Sozmen N. N., Akman D., Yildirim S., Turan B.
Conference on Frontiers in Cardiovascular Biology, Berlin, Almanya, 16 - 19 Temmuz 2010, cilt.87
- XXIII. **Beneficial effects of beta-blocker treatment on altered basal cardiac function and responses to beta-adrenoceptor stimulation in female rats during maturation**
Sozmen N. N., Seymen A., TUNCAY E., Turan B.
Conference on Frontiers in Cardiovascular Biology, Berlin, Almanya, 16 - 19 Temmuz 2010, cilt.87
- XXIV. **Antioxidants but not doxycycline restore depressed beta-adrenergic responses of the heart in diabetic rats**
BİLGİNOĞLU A., Seymen A., TUNCAY E., Koksoy A., Turan B.
28th Annual Meeting of the European Section of the International-Society-for-Heart-Research, Athens, Yunanistan, 28 - 31 Mayıs 2008, cilt.44, ss.746
- XXV. **Beneficial effects of long-term treatment with beta-adrenergic blocker on depressed heart function of female rats**
Seymen A., TUNCAY E., GÜRDAL H., Turan B.
28th Annual Meeting of the European Section of the International-Society-for-Heart-Research, Athens, Yunanistan, 28 - 31 Mayıs 2008, cilt.44, ss.816
- XXVI. **Beneficial effects of non-selective beta blockers on mechanical and electrical activities of diabetic rat heart**
TUNCAY E., Seymen A., Turan B.
28th Annual Meeting of the European Section of the International-Society-for-Heart-Research, Athens, Yunanistan,

28 - 31 Mayıs 2008, cilt.44, ss.775

XXVII. Beneficial effect of sodium selenate on vascular dysfunction in diabetic rats

Zeydanli E., Tanriverdi E., Seymen A., TUNCAY E., GÜRDAL H., Koksoy A., Turan B.

19th World Congress of the International-Society-for-Heart-Research, Bologna, İtalya, 22 - 25 Haziran 2007, cilt.42

XXVIII. Sex related differential effects of omega-3E treatment on diabetes-induced left ventricular dysfunction

TUNCAY E., Seymen A., Tanriverdi E., YARAŞ N., Turan B.

19th World Congress of the International-Society-for-Heart-Research, Bologna, İtalya, 22 - 25 Haziran 2007, cilt.42

XXIX. Sex differences affect Ca²⁺ sparks parameters in normal and diabetic rat ventricular cardiomyocytes

YARAŞ N., TUNCAY E., Purali N., Sahinoglu B., Vassort G., Lacampagne A., Turan B.

19th World Congress of the International-Society-for-Heart-Research, Bologna, İtalya, 22 - 25 Haziran 2007, cilt.42

Desteklenen Projeler

Tuncay E., Akat F., Yükseköğretim Kurumları Destekli Proje, Ankara Üniversitesi Deney Hayvanları Araştırma Laboratuvarında Kardiyovasküler Hastalık Modellerinin Geliştirilmesi: Miyokardiyal İnfarktüs Modeli Sonrası Gelişen Kardiyak Yeniden Modellemede Lizin Asetilasyonunun Rolü, 2024 - 2026

Olğar Y., TUNCAY E., TÜBİTAK Projesi, İnkretin Aracılı Tedavilerde Mitokondri Proteostazını Etkileyen Yeni Biyo-Belirteçlerin İncelenmesi, 2023 - 2026

Tuncay E., Akat F., Billur D., Bitirim C. V., Tokcaer Keskin Z., Turan B., TÜBİTAK Projesi, İnsülin Direnci Gelişmiş Kardiyomiyositlerde Sirtüin-Deasetilazlarının GLUT4 Trafığı Üzerindeki Etkilerinin İncelenmesi Ve Tedavi Edici Özelliğinin Değerlendirilmesi, , 2023 - 2026

Bitirim C. V., Tuncay E., TÜBİTAK Projesi, İnsülin Direnci Gelişmiş Kardiyomiyositlerde Sirtüin-Deasetilazlarının Glut4 Trafığı Üzerindeki Etkilerinin İncelenmesi Ve Tedavi Edici Özelliğinin Değerlendirilmesi, 2023 - 2026

Tuncay E., Bozaykut Eker P., TÜBİTAK Uluslararası İkili İşbirliği Projesi, Hipoksik Direncin In Vivo ve In Vitro Olarak Kardiyak Açından Araştırılması, 2021 - 2024

Akçalı K. C., Turan B., TUNCAY E., TÜBİTAK Projesi, İnsülin Direnci Gelişmiş Yaşlı Sıçan Kalp Fonksiyon Bozukluğunda İnsülin Uygulamasının Rolünün Elektrofizyolojik ve Moleküler-Biyokimyasal Yaklaşımlarla İncelenmesi, 2019 - 2022

Tuncay E., Yazihan N., TÜBİTAK Projesi, Lipoik Asitin Yaşlı Memeli Kalp Fonksiyonuna Etkisinin Yaşlanma Modeli Geliştirilmiş Ventriküler H9c2 Hücre Hattında Mitokondri Fonksiyonu ve Proteinleri İncelenerek Değerlendirilmesi, 2019 - 2021

Akçalı K. C., Tuncay E., Turan B., TÜBİTAK Projesi, Çinko taşıyıcıları ve mitokondri ilişkisinin yaşlanmaya bağlı kalp fonksiyon bozukluğundaki rolünün incelenmesi, 2018 - 2021

Akçalı K. C., Tuncay E., Turan B., TÜBİTAK Projesi, Kardiyomiyositlerde endoplazmik retikulum stresi hücre içi serbest Zn²⁺ regülasyonu ve mitokondri arasındaki çapraz ilişkinin kalp fonksiyon bozukluğu patolojisindeki rolünün incelenmesi, 2013 - 2017

Patent

Tuncay E., TEK KULLANIMLIK PATOJEN TESPİT ÇİPİ VE BUNA İLİŞKİN BİR ÜRETİM METODU, Patent, BÖLÜM C Kimya; Metalürji, Buluşun Tescil No: 2020 21833 , Standart Tescil, 2021

Tuncay E., FRET TEKNİĞİ İÇİN ÖZELLEŞTİRİLMİŞ BİR BİYOSENSÖR CİHAZI VE PATOJEN TESPİT YÖNTEMİ, Patent, BÖLÜM G Fizik, Buluşun Tescil No: 2020 21834 , Standart Tescil, 2021

Bilimsel Dergilerdeki Faaliyetler

FRONTIERS IN CARDIOVASCULAR MEDICINE, Özel Sayı Editörü, 2023 - Devam Ediyor

FRONTIERS IN PHYSIOLOGY, Yardımcı Editör/Bölüm Editörü, 2022 - Devam Ediyor

FRONTIERS IN PHARMACOLOGY, Yardımcı Editör/Bölüm Editörü, 2022 - Devam Ediyor

FRONTIERS IN ENDOCRINOLOGY, Yardımcı Editör/Bölüm Editörü, 2022 - Devam Ediyor

Bilimsel Hakemlikler

TÜBİTAK Projesi, 3501 - Ulusal Genç Araştırmacı Kariyer Geliştirme Programı, Ankara Üniversitesi, Türkiye, Mayıs 2023

TÜBİTAK Projesi, 1002 - Hızlı Destek Programı, Ankara Üniversitesi, Türkiye, Mayıs 2022

FRONTIERS IN PHYSIOLOGY, SCI Kapsamındaki Dergi, Ocak 2022

FRONTIERS IN PHARMACOLOGY, SCI Kapsamındaki Dergi, Ocak 2022

Bilimsel Danışmanlıklar

Tubitak, Bilimsel Projeler İçin Yapılan Danışmanlık, Ankara Üniversitesi, Tıp Fakültesi, Temel Tıp Bilimleri Bölümü, Türkiye, 2023 - Devam Ediyor

Bilimsel Araştırma / Çalışma Grubu Üyelikleri

Ca22169 European Network To Tackle Metabolic Alterations In Heart Failure, University Clinic Würzburg, Almanya, <https://www.cost.eu/actions/CA22169/>, 2023 - Devam Ediyor

Network For Implementing Multiomics Approaches In Atherosclerotic Cardiovascular Disease Prevention And Research, Università Degli Studi di Milano, İtalya, tba, 2022 - Devam Ediyor

Bench To Bedside Transition For Pharmacological Regulation Of Nrf2 In Noncommunicable Diseases cost Action:

Ca20121, Universidad Autonoma de Madrid, İspanya, <https://benbedphar.org/>, 2022 - Devam Ediyor

Araştırma Geliştirme Ve Destek Stratejileri Koordinasyon Kurulu, Ankara Üniversitesi, Türkiye,

<http://www.medicine.ankara.edu.tr/arastirma-gelistirme-ve-destek-stratejileri-koordinasyon-kurulu/>, 2021 - Devam Ediyor

Network On Evidence-Based Physical Activity In Old Age, Westfaelische Wilhelms-Universitaet Münster, Almanya,

<https://physagenet.eu/>, 2021 - Devam Ediyor

Cost Action: Ca19137 - Sudden Cardiac Arrest Prediction And Resuscitation Network: Improving The Quality Of Care,

COST Action: CA19137, Hollanda, <https://www.cost.eu/actions/CA19137/>, 2020 - Devam Ediyor

Metrikler

Yayın: 101

Atf (WoS): 1289

Atf (Scopus): 1259

H-İndeks (WoS): 20

H-İndeks (Scopus): 19

Kongre ve Sempozyum Katılımı Faaliyetleri

8th International Symposium of New Frontiers in Cardiovascular Research , Katılımcı, İstanbul, Türkiye, 2024

MOSBRI End-User Short Course on Basic and Advanced Protocols in Biological Calorimetry (BioCal), Katılımcı, Zaragoza, İspanya, 2024

Single molecule biophysics in cell lysates, Katılımcı, Praha, Çek Cumhuriyeti, 2024

Sudden cardiac arrest prediction and resuscitation network: Improving the quality of care, Katılımcı, Vienna, Avusturya, 2024

EU-METAHEART (CA22169) Tackling metabolic alterations in heart failure, İzleyici / Dinleyici, Antalya, Türkiye, 2024
Tackling Metabolic Alterations in Heart Failure, Katılımcı, Antalya, Türkiye, 2024
Physiological oxygen levels to investigate NRF2 regulated redox signaling in cell biology to improve clinical translation, Katılımcı, London, İngiltere, 2024
COST Action: CA20121 - Bench to bedside transition for pharmacological regulation of NRF2 in noncommunicable diseases, Katılımcı, Graz, Avusturya, 2023
9th European Section Meeting of the International Academy of Cardiovascular Sciences, Katılımcı, Timisoara, Romanya, 2023
5.Uluslararası 34.Ulusal Biyofizik Kongresi, Oturum Başkanı, İzmir, Türkiye, 2023
COST Action: CA20121 - Bench to bedside transition for pharmacological regulation of NRF2 in noncommunicable diseases, Katılımcı, Bucuresti, Romanya, 2022
4.Uluslararası 33.Ulusal Biyofizik Kongresi , Katılımcı, Adıyaman, Türkiye, 2022
COST Action: CA19137 - Sudden cardiac arrest prediction and resuscitation network: Improving the quality of care, Katılımcı, Amsterdam, Hollanda, 2022
9th EU-CARDIOPROTECTION COST Action Final MC/WG hybrid meeting, Katılımcı, Coimbra, Portekiz, 2022
2022 Biophysical Society Annual Meeting, Katılımcı, California, Amerika Birleşik Devletleri, 2022
Ulusal Biyofizik Kongresi, Katılımcı, Ankara, Türkiye, 2021

Ödüller

Tuncay E., AJP Select Article, American Physiological Society, Mayıs 2023