

Assoc. Prof. EVREN KILINÇ

Personal Information

Email: evren.Kilinc@acibadem.edu.tr

Web: <https://Acibadem Üniversitesi Tıp Fak. Biyofizik Abd.>

Address: kayışdağı Cad. No:32

International Researcher IDs

ORCID: 0000-0002-1697-6580

Publons / Web Of Science ResearcherID: A-7409-2011

ScopusID: 24476981400

Yoksis Researcher ID: 107390

Education Information

Doctorate, Maastricht University, Netherlands 2007 - 2021

Postgraduate, Inonu University, Sağlık Bilimleri Enstitüsü, Fizyoloji (YI) (Tezli), Turkey 2004 - 2006

Undergraduate, Kocaeli University, Fen-Edebiyat Fakültesi, Fizik Bölümü, Turkey 1998 - 2003

Dissertations

Doctorate, Effects of Air Pollution on Haemostasis and Atherosclerosis, Maastricht University, 2021

Postgraduate, Koroner anjioplasti yapılan hastalarda kardiyovasküler düzenlemenin ve antiagregant ilaç uygulamasının hemoreolojik parametrelere etkisinin incelenmesi, Inonu University, Sağlık Bilimleri Enstitüsü, Fizyoloji (YI) (Tezli), 2006

Academic Titles / Tasks

Assistant Professor, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2012 - Continues

Research Assistant, Universiteit Maastricht, Sağlık, Tıp Ve Yaşam Bilimleri Fakültesi, Klinik Tromboz Ve Hemostaz Lab., 2007 - 2011

Academic and Administrative Experience

Program Koordinatörü, Acibadem Mehmet Ali Aydınlar University, Graduate School Of Health Sciences, Department Of Biophysics, 2022 - Continues

Birim Kalite Komisyonu Üyesi, Acibadem Mehmet Ali Aydınlar University, Graduate School Of Health Sciences, 2021 - Continues

Ders Kurulu Başkanı, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2019 - Continues

Anabilim Dalı Akademik Kurul Üyesi, Acibadem Mehmet Ali Aydınlar University, School Of Medicine, Department Of Basic Sciences, 2012 - Continues

Courses

Biophysics, Undergraduate, 2021 - 2022, 2020 - 2021
Biophysics, Undergraduate, 2021 - 2022, 2020 - 2021
Physics for life sciences, Postgraduate, 2021 - 2022
Biophysics, Undergraduate, 2021 - 2022, 2020 - 2021
Biophysics, Associate Degree, 2021 - 2022, 2020 - 2021
year 2: Growth and Development , Undergraduate, 2021 - 2022, 2020 - 2021
Year 3: Infertility, Undergraduate, 2021 - 2022, 2020 - 2021
Basic Biophysics, Postgraduate, 2021 - 2022
Clinical Biochemistry, Undergraduate, 2021 - 2022, 2020 - 2021
Biophysics, Undergraduate, 2021 - 2022, 2020 - 2021
Biophysics, Undergraduate, 2021 - 2022, 2020 - 2021
Fizik, Associate Degree, 2021 - 2022, 2020 - 2021
Fizik, Associate Degree, 2021 - 2022, 2020 - 2021
Biophysics, Undergraduate, 2021 - 2022, 2020 - 2021
Kardiyovaskuler Sistem Biyofiziği, Postgraduate, 2021 - 2022
Fizik, Undergraduate, 2021 - 2022, 2020 - 2021
Biophysics, Undergraduate, 2021 - 2022, 2020 - 2021

Jury Memberships

Competition, TEKNOFEST 2023 İnsanlık Yararına Teknoloji Yarışması , Acıbadem Mehmet Ali Aydınlar Üniversitesi,
January, 2023
Post Graduate, Post Graduate, Acıbadem Mehmet Ali Aydınlar Üniversitesi, August, 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Effects of uridine and nucleotides on hemostasis parameters**
Ari M., SAĞDİLEK E., KILINÇ E., CANSEV M., Ozluk K.
JOURNAL OF THROMBOSIS AND THROMBOLYSIS, vol.55, pp.626-633, 2023 (SCI-Expanded)
- II. **Identification of Protein Interacting Partners of Na⁺/K⁺-ATPase Pump alpha 1 Subunit by Proteomic and Bioinformatic Analysis in InVitro Hypoxic Cardiomyocytes**
BALOĞLU E., Gencay G., Gurler B., TİMUÇİN E., DURER Z. A., KILINÇ E.
ACTA PHYSIOLOGICA, pp.58-59, 2023 (SCI-Expanded)
- III. **Evaluation of organ weights and ventricular thicknesses in electrocution related deaths based on autopsy reports: A biophysical approach**
KILINÇ E., Ozturk O., ORUÇ M., CELBİŞ O.
JOURNAL OF THE PAKISTAN MEDICAL ASSOCIATION, vol.73, no.1, pp.33-36, 2023 (SCI-Expanded)
- IV. **Modeling and dynamical analysis of the full-length structure of factor XII with zinc.**
Kılınç E., Can Timucin A. C., Selim Cinaroglu S., Timucin E.
Journal of molecular modeling, vol.28, no.5, pp.129, 2022 (SCI-Expanded)
- V. **Role of Hypoxia-Inducible Factors (HIF) in Regulating Intracellular Trafficking of Na⁺/K⁺-ATPase Subunits in in-vitro Ischemic Heart Model**
Gencay G., KILINÇ E., BALOĞLU E.
ACTA PHYSIOLOGICA, vol.234, pp.21, 2022 (SCI-Expanded)
- VI. **Thermal Proteome Profiling and Meltome Analysis of a Thermophilic Bacterial Strain, Geobacillus thermoleovorans ARTRW1: Toward Industrial Applications**
Oztug M., KILINÇ E., Akgoz M., Karaguler N. G.
OMICS-A JOURNAL OF INTEGRATIVE BIOLOGY, vol.24, pp.756-765, 2020 (SCI-Expanded)
- VII. **Level of trace elements in serum and toenail samples of patients with onychocryptosis (ingrown**

toenail) and onychomycosis

KILINÇ E., BUTURAK B., Alkan F. A.

JOURNAL OF TRACE ELEMENTS IN MEDICINE AND BIOLOGY, vol.61, 2020 (SCI-Expanded)

- VIII. **The relationship between serum leptin and VO₂max levels in pre-puberty swimmer girls: effect of acute exercise**
GÜLLÜ E., GÜLLÜ A., DÜZOVA H., Ozgor B., KILINÇ E., AKÇINAR F.
PROGRESS IN NUTRITION, vol.22, no.1, pp.177-184, 2020 (SCI-Expanded)
- IX. **EVALUATION OF ZINC AND COPPER TOXICITY CAUSED BY INGESTION OF TURKISH COINS: AN IN VITRO STUDY**
Alkan F. A., KILINÇ E., Gulyasar T., Or M. E.
JOURNAL OF ELEMENTOLOGY, vol.25, no.3, pp.961-971, 2020 (SCI-Expanded)
- X. **Completion repair exhibits increased healing characteristics compared with in situ repair of partial thickness bursal rotator cuff tears**
GERELİ A., KOCAOĞLU B., ULKU T. K., Silay S., KILINÇ E., Uslu S., Nalbantoglu U.
KNEE SURGERY SPORTS TRAUMATOLOGY ARTHROSCOPY, vol.26, no.8, pp.2498-2504, 2018 (SCI-Expanded)
- XI. **The Effects of Ghrelin and Orexin Antagonists in LPS-induced Sepsis Model**
Cilingir S., KILINÇ E., Kirikci G., Kolgazi M.
ACTA PHYSIOLOGICA, vol.218, pp.32-33, 2016 (SCI-Expanded)
- XII. **Components of ambient air pollution affect thrombin generation in healthy humans: the RAPTES project**
Strak M., Hoek G., Steenhof M., Kilinc E., Godri K. J., Gosens I., Mudway I. S., van Oerle R., Spronk H. M. H., Cassee F. R., et al.
OCCUPATIONAL AND ENVIRONMENTAL MEDICINE, vol.70, no.5, pp.332-340, 2013 (SCI-Expanded)
- XIII. **Factor XII activation is essential to sustain the procoagulant effects of particulate matter**
Kilinc E., Van Oerle R., Borissoff J. I., Oschatz C., Gerlofs-Nijland M. E., Janssen N. A., Cassee F. R., Sandstrom T., Renne T., Ten Cate H., et al.
JOURNAL OF THROMBOSIS AND HAEMOSTASIS, vol.9, no.7, pp.1359-1367, 2011 (SCI-Expanded)
- XIV. **The procoagulant effects of fine particulate matter in vivo**
Kilinc E., Schulz H., Kuiper G. J. A. J. M., Spronk H. M. H., ten Cate H., Upadhyay S., Ganguly K., Stoeger T., Semmler-Bhenke M., Takenaka S., et al.
PARTICLE AND FIBRE TOXICOLOGY, vol.8, 2011 (SCI-Expanded)
- XV. **Pulmonary and cardiovascular effects of traffic-related particulate matter: 4-week exposure of rats to roadside and diesel engine exhaust particles**
Gerlofs-Nijland M. E., Totlandsdal A. I., Kilinc E., Boere A. J. F., Fokkens P. H. B., Leseman D. L. A. C., Sioutas C., Schwarze P. E., Spronk H. M., Hadoke P. W. F., et al.
INHALATION TOXICOLOGY, vol.22, no.14, pp.1162-1173, 2010 (SCI-Expanded)
- XVI. **Early Atherosclerosis Exhibits an Enhanced Procoagulant State**
Borissoff J. I., Heeneman S., Kilinc E., Kassak P., Van Oerle R., Winckers K., Govers-Riemslog J. W. P., Hamulyak K., Hackeng T. M., Daemen M. J. A. P., et al.
CIRCULATION, vol.122, no.8, pp.821-843, 2010 (SCI-Expanded)
- XVII. **Plasma viscosity and mean platelet volume in patients undergoing coronary angiography**
Senen K., Topal E., KILINÇ E., ten Cate H., Tek I., Karakoc Y., Yetkin E.
CLINICAL HEMORHEOLOGY AND MICROCIRCULATION, vol.44, no.1, pp.35-41, 2010 (SCI-Expanded)
- XVIII. **Effects of acute moderate and strenuous exercise bouts on IL-17 production and inflammatory response in trained rats**
DÜZOVA H., Karakoc Y., Emre M. H., Dogan Z. Y., KILINÇ E.
JOURNAL OF SPORTS SCIENCE AND MEDICINE, vol.8, no.2, pp.219-224, 2009 (SCI-Expanded)
- XIX. **Effects of Ambient Air Pollution on Hemostasis and Inflammation**
Rudez G., Janssen N. A. H., Kilinc E., Leebeek F. W. G., Gerlofs-Nijland M. E., Spronk H. M. H., ten Cate H., Cassee F. R., de Maat M. P. M.
ENVIRONMENTAL HEALTH PERSPECTIVES, vol.117, no.6, pp.995-1001, 2009 (SCI-Expanded)

- XX. **Effects of different durations of treadmill training exercise on bone mineral density in growing rats**
Ertem K., Karakoc Y., Duzova H., Kekilli E., Emre M. H., KILINÇ E., Yagmur C.
BIOLOGY OF SPORT, vol.25, no.2, pp.187-193, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **The effect of titanium dioxide particles of different shapes and sizes on the factor XII protein (intrinsic coagulation pathway)**
Kılınç E.
Medicine Science, vol.10, no.3, pp.912-917, 2021 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **CHAPTER 20 PARTICLES, COAGULATION, AND THROMBOSIS**
Kılınç E., Goran R., Spronk H., Nemmar A., De Maat M. P., Ten Cate H., Hoylaerts M. F.
in: Cardiovascular Effects of Inhaled Ultrafine and Nano-Sized Particles, Flemming R. Cassee (Editor), Nicholas L. Mills (Editor), David E. Newby (Editor), Editor, John Wiley & Sons, West Sussex, UK , Leicester, pp.403-420, 2011

Refereed Congress / Symposium Publications in Proceedings

- I. **Role of Hypoxia-Inducible Factors (HIF) in Regulating Intracellular Trafficking of Na⁺/K⁺-ATPase Subunits in in-vitro Ischemic Heart Model**
Gençay G., Kılınç E., Baloglu E.
46. Ulusal Fizyoloji Kongresi, Samsun, Turkey, 8 - 10 October 2021, pp.21
- II. **Hypercoagulant Effects of UDP via Leukocytes**
Sağdılek E., Kılınç E.
TBS International Biochemistry Congress 2021-32nd National Biochemistry Congress, Gaziantep, Turkey, 27 - 30 October 2021, pp.61
- III. **The anti-inflammatory effects of orexin receptor antagonist on endotoxemia induced sepsis model**
Kolgazi Gürcanlı M., Kılınç E., Çilingir S.
XXX. National Congress of the Turkish Biochemical Society TBS 2019, Antalya, Turkey, 26 - 31 October 2019
- IV. **Orexin peptides have role in the action mechanism of cholinergic anti-inflammatory pathway in the gastrointestinal tract**
Kolgazi Gürcanlı M., Çilingir S., Kılınç E., Akyerli Boylu C.
Union of thrace universities 2nd international health sciences congress, Tekirdağ, Turkey, 15 - 17 November 2018
- V. **Modeling and dynamics of the full-length structure of the factor XII protein: Insights into the mechanism of activation through zinc binding**
Kılınç E., Öztuğ M., Timuçin E.
30th ANNUAL BIOPHYSICS CONGRESS (INTERNATIONAL), Muğla, Turkey, 10 - 13 October 2018, pp.1-63
- VI. **Effect of titanium dioxide nanoparticles of different shapes and sizes on intrinsic pathway of coagulation**
Kılınç E.
30th ANNUAL BIOPHYSICS CONGRESS (INTERNATIONAL), Muğla, Turkey, 10 - 13 October 2018, pp.1-63
- VII. **Role of Ghrelin on Anti-Inflammatory Activities of Vagus Alert in Endotoxemia- Induced Sepsis**
Tümentemur G., Kılınç E., Kolgazi M., Çilingir S.
ULUSAL BİYOFİZİK KONGRESİ, İstanbul, Turkey, 6 - 09 September 2017, vol.9, no.1, pp.23
- VIII. **Role of Ghrelin on Anti-Inflammatory Activities of Vagus Alert in Endotoxemia Induced Sepsis**
Kılınç E., Kolgazi Gürcanlı M., Tümentemur G., Çilingir S.

28-29. ULUSAL BİYOFİZİK KONGRESİ 2017, İstanbul, Turkey, 6 - 09 September 2017, vol.9, pp.1-137

- IX. **Relationship between serum leptin and MaxVO2 levels in swimmer children**
GÜLLÜ A., GÜLLÜ E., DÜZOVA H., ÖZGÖR B., KILINÇ E., AKÇINAR F., ÇİÇEK G.
15th International Sport Sciences Congress, 15 - 18 November 2017
- X. **Sinaptic acid heals experimentally induced colitis in rats on behalf of its anti-inflammatory effects.**
KOLGAZI M., GÜNAL A. M., YÜKSEL B., ÖZMEN B. B., ÜNAL C., KILINÇ E., AÇIKEL ELMAS M., ARBAK S.
FEPS 2017, Austria, 13 - 15 September 2017
- XI. **The effect of cardiolipin on mitochondrial dynamics upon induction of autophagy in yeast**
ÖZ ARSLAN D., GÜLEN K., BİLGE B., ÜSTÜNER B., KILINÇ E., KAN B., OKTAY Y.
Autophagy Network Integration in Health and Disease. Keystone Symposia, United States Of America, 12 - 16 February 2017
- XII. **Investigation of the role of cardiolipin on autophagy in the yeast model**
Öz Arslan D., Kılıçkaya G., Bilge, Bilge B., Üstüner B., Kılınç E., Kan B., Oktay Y.
41st FEBS Congress, Molecular and Systems Biology for a Better Life, Aydın, Turkey, 3 - 08 August 2016, vol.283, pp.1-441
- XIII. **The Effects of Ghrelin and Orexin Antagonists in LPS-induced Sepsis Model**
Tümentemur G., Çilingir S., Kılınç E., Kolgazi M.
42nd National Physiology Congress, Düzcce, Turkey, 5 - 08 August 2016, vol.218, no.709, pp.32-33
- XIV. **Mayada otofaji ve mitokondriyal işlevsizlik arasındaki ilişki**
ÖZ ARSLAN D., KILIÇKAYA G., ÜSTÜNER B., KILINÇ E., OKTAY Y.
27. Ulusal Biyofizik Kongresi, İnönü Üniveristesi, Malatya, Turkey, 29 September - 03 October 2015
- XV. **The relationship between mitochondrial dysfunction and autophagy in yeast**
ÖZ ARSLAN D., KILIÇKAYA G., ÜSTÜNER B., KILINÇ E., OKTAY Y.
EMBO Conference "Autophagy signalling and progression in health and disease", Chia, Italy., 9 - 12 September 2015
- XVI. **Sources of Tissue Factor and tracking the time course of its activity**
Kılınç E.
1st workshop on tissue factor activity, expression and quantitation, Nevşehir, Turkey, 15 - 17 August 2014
- XVII. **Platelet derived microparticles induce factor XII mediated thrombin generation**
Spronk H. M., Kilinc E., Van Oerle R., Hamulyak K., Renne T., Ten Cate H.
5th International Conference on Thrombosis and Hemostasis Issues in Cancer, Stresa, Italy, 23 - 25 April 2010, vol.125

Supported Projects

Magni P., Devaux Y., Kılınç E., TÜBİTAK - AB COST Project, Network for implementing multiomics approaches in atherosclerotic cardiovascular disease prevention and research (AtheroNET), 2022 - 2026

Kılınç E., Durer Z. A., Sağdılek E., TUBİTAK Project, SARS CoV2 Spike Protein ve Alt Birimlerinin (S1, S2) Varlığında Hemostaz, Antikoagülan ve Antitrombotik İlaç Etkinliklerinin in-vitro Olarak Araştırılması, 2022 - 2024

Baloğlu E., Kılınç E., Durer Z. A., Timuçin E., TUBİTAK Project, İskemik kalp hastalığı modelinde Na⁺/K⁺-ATPaz pompası ile etkileşen proteinlerin saptanması, 2020 - 2023

Ağırbaşı D., Kılınç E., Öz Arslan D., TUBİTAK Project, Yüksek Dansiteli Lipoprotein-Kolesterol (HDL-K) seviyelerinin Otofaji ile İlgili Genlerin İfadesi ile ilişkisi, 2018 - 2022

Baloğlu E., Kılınç E., TUBİTAK Project, Kronik Hipoksik Kardiyomiyositlerde Na⁺/K⁺-ATPaz Proteinin Hücre İçi Lokalizasyonunda HIF'lerin Rolünün Araştırılması, 2019 - 2021

Kılınç E., Sağdılek E., Uzay A., Arıtürk C., TUBİTAK Project, Eritrosit reolojisinin kan pıhtılaşması, fibrin yapısı ve fibrinoliz üzerine etkisinin araştırılması, 2019 - 2019

KILINÇ E., Project Supported by Higher Education Institutions, Farklı şekil ve büyüklükte olan titanyum dioksit nanopartiküllerinin faktör 12 proteini ve intrinsek pıhtılaşma yolağına etkisi, 2019 - 2019

KOLGAZI M., KILINÇ E., TUBİTAK Project, Sıçanda Endotoksemi Modelinde Vagal Stimülasyonun Olası Anti-Inflamatuvar

Etkileri Ve Bu Anti-Inflamatuvar Etkilerde Ghrelin, Oreksin Ve Nesfatin-1 Peptidlerinin Rolü, 2015 - 2018

Activities in Scientific Journals

Biochemistry and Molecular Biology, Committee Member, 2020 - 2021

Memberships / Tasks in Scientific Organizations

Türk Biyofizik Derneği, Member, 2017 - Continues, Turkey

Scientific Refereeing

MYCOSES, Journal Indexed in SCI-E, December 2022

Medicine Science, National Scientific Refreed Journal, October 2021

ULUDAĞ ÜNİVERSİTESİ TIP FAKÜLTESİ DERGİSİ, National Scientific Refreed Journal, October 2021

Tasks In Event Organizations

Kan B., Kılınç E., 28-29th National Biophysics Congress, Scientific Congress, İstanbul, Turkey, Eylül 2017

Metrics

Publication: 39

Citation (WoS): 372

Citation (Scopus): 411

H-Index (WoS): 8

H-Index (Scopus): 8

Congress and Symposium Activities

4.Uluslararası 33.Ulusal Biyofizik Kongresi, Session Moderator, Adıyaman, Turkey, 2022

Researchers Meet Innovators & Turkey Chapter Annual Meeting 2022, Audience, İstanbul, Turkey, 2022

Awards

Kılınç E., Durer Z. A., Öztuğ M., Baloğlu E., 2nd best oral presentation award/Proteomic investigation of acute and chronic hypoxia reoxygenation responsive hemostatic proteins and pathways in H9C2 cardiomyocytes, 4.Uluslararası 33.Ulusal Biyofizik Kongresi, September 2022