

## Asst. Prof. Evren KILINÇ

### Personal Information

**Email:** evren.Kilinc@acibadem.edu.tr

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

**Address:** kayışdağı Cad. No:32

### 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, 2020 - 2021, 2021 - 2022

Biophysics, Undergraduate, 2020 - 2021, 2021 - 2022

Physics for life sciences, Postgraduate, 2021 - 2022

Biophysics, Undergraduate, 2020 - 2021, 2021 - 2022

Biophysics, Associate Degree, 2020 - 2021, 2021 - 2022

year 2: Growth and Development , Undergraduate, 2020 - 2021, 2021 - 2022

Year 3: Infertility, Undergraduate, 2020 - 2021, 2021 - 2022

Basic Biophysics, Postgraduate, 2021 - 2022

Clinical Biochemistry, Undergraduate, 2020 - 2021, 2021 - 2022

Biophysics, Undergraduate, 2020 - 2021, 2021 - 2022

Biophysics, Undergraduate, 2020 - 2021, 2021 - 2022

Fizik, Associate Degree, 2020 - 2021, 2021 - 2022

Fizik, Associate Degree, 2020 - 2021, 2021 - 2022

Biophysics, Undergraduate, 2020 - 2021, 2021 - 2022

Kardiyovaskuler Sistem Biyofiziği, Postgraduate, 2021 - 2022

Fizik, Undergraduate, 2020 - 2021, 2021 - 2022

Biophysics, Undergraduate, 2020 - 2021, 2021 - 2022

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **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 (Journal Indexed in SCI Expanded)
- II. **Role of Hypoxia-Inducible Factors (HIF) in Regulating Intracellular Trafficking of Na<sup>+</sup>/K<sup>+</sup>-ATPase Subunits in in-vitro Ischemic Heart Model**  
Gencay G., KILINÇ E., BALOĞLU E.  
ACTA PHYSIOLOGICA, vol.234, pp.21, 2022 (Journal Indexed in SCI)
- III. **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 (Journal Indexed in SCI)
- IV. **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 (Journal Indexed in SCI)
- V. **The relationship between serum leptin and VO<sub>2</sub>max 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 (Journal Indexed in SCI)
- VI. **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 (Journal Indexed in SCI)
- VII. **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 (Journal Indexed in SCI)
- VIII. **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 (Journal Indexed in SCI)
- IX. **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 (Journal Indexed in SCI)

- X. **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 (Journal Indexed in SCI)
- XI. **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 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **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 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)

## 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 (Other Refereed National Journals)

## 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<sup>+</sup>/K<sup>+</sup>-ATPase Subunits in in-vitro Ischemic Heart Model**  
Gençay G., Kılınç E., Baloğlu 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. **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
- VI. **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
- 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 MaxVO<sub>2</sub> levels in swimmer children**  
GÜLLÜ A., GÜLLÜ E., DÜZÖVA H., ÖZGÖR B., KILINÇ E., AKÇINAR F., ÇİÇEK G.  
15th International Sport Sciences Congress, 15 - 18 November 2017
- X. **Synaptic acid heals experimentally induced colitis in rats on behalf of its anti-inflammatory effects.**  
KOLGAZİ 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, Düzce, 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

BALOĞLU E., KILINÇ E., TUBITAK Project, Iskemik kalp hastalığı modelinde Na<sup>+</sup>/K<sup>+</sup>-ATPaz pompası ile etkilenen proteinlerinsaptanması, 2020 - 2023

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

BALOĞLU E., KILINÇ E., TUBITAK Project, Kronik Hipoksik Kardiyomiyositlerde Na<sup>+</sup>/K<sup>+</sup>-ATPaz Proteinin Hücre İçi Lokalizasyonunda HIF'lerin Rolünün Araştırılması, 2019 - 2021

Kılınç E., Sağdılek E., Uzay A., Arıtürk C., TUBITAK 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., TUBITAK 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 - Continues

## Memberships / Tasks in Scientific Organizations

Türk Biyofizik Derneği, Member, 2017 - Continues, Turkey

## Scientific Refereeing

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

## Edit Congress and Symposium Activities

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

## Citations

Total Citations (WOS):347

h-index (WOS):8