

## Lect. AYSU KILIÇ

### Personal Information

**Email:** akilic@bezmialem.edu.tr

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### Education Information

Doctorate, İstanbul University-Cerrahpaşa, Institute Of Graduate Education, Department Of Physiology, Turkey 2020 - Continues

Postgraduate, İstanbul University-Cerrahpaşa, Turkey 2017 - 2019

Postgraduate, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji, Turkey 2013 - 2016

Undergraduate, İstanbul Üniversitesi, Fen Fakültesi, Biyoloji Bölümü, Turkey 2009 - 2013

### Foreign Languages

German, C1 Advanced

English, C1 Advanced

### Certificates, Courses and Trainings

Health&Medicine, Epilepsi ve Deneysel Modelleri: Teorik ve Uygulamalı Bilimsel Eğitim Etkinliği Programı, Marmara Üniversitesi, 2018

Health&Medicine, 3. Ulusal Tıp Öğrenci Kongresi, Bezmialem Vakıf Üniversitesi, 2018

Health&Medicine, Tübitak MARTEK Sınır Bilim Kongresi, TÜBİTAK, 2017

Education Management and Planning, Kariyer Geliştirme Merkezi, Bezmialem Vakıf Üniversitesi, 2017

Health&Medicine, Deney Hayvanları Kullanım Sertifikası, İstanbul Üniversitesi, 2014

Health&Medicine, İÜGEN Uluslararası Moleküler Biyoloji ve Genetik Kış Okulu, İstanbul Üniversitesi, 2012

Health&Medicine, İÜGEN Uluslararası Moleküler Biyoloji ve Genetik Kış Okulu, İstanbul Üniversitesi, 2011

Health&Medicine, Moleküler Biyoloji ve Genetik Haftasonu, Boğaziçi Üniversitesi, 2010

### Dissertations

Postgraduate, Streptozotosin ile İndüklenen Diyabetik Sıçanlarda Angiotensin IV'ün Kognitif Fonksiyonlar Üzerine Etkisi, İstanbul University-Cerrahpaşa, Cerrahpaşa Faculty Of Medicine, 2019

Postgraduate, İzole Sıçan Kalbinde İskemi/Reperfüzyon Hasarında Angiotensin Tip I ve Angiotensin Tip II Reseptör Blokajının Rolü, İstanbul Üniversitesi, Fen Bilimleri Enstitüsü, Biyoloji, 2016

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Human Physiology, Neurophysiology

### Academic Titles / Tasks

Lecturer, Bezmialem Vakıf University, Faculty Of Medicine, Department Of Basic Medical Sciences, 2020 - Continues  
Research Assistant, Bezmialem Vakıf University, Faculty Of Medicine, Department Of Basic Medical Sciences, 2017 - 2020

## Courses

Fizyoloji 2, Undergraduate, 2020 - 2021  
Fizyoloji, Associate Degree, 2020 - 2021  
Fizyoloji 1, Undergraduate, 2020 - 2021  
SHMYO Fizyoloji, Associate Degree, 2019 - 2020

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

- I. **A low direct electrical signal attenuates oxidative stress and inflammation in septic rats**  
Üstünova S., Kılıç A., Haciosmanoğlu E., Elibol B., Hekimoğlu E. R. , Meral İ.  
Plos One, vol.16, no.9, pp.257177-257200, 2021 (Journal Indexed in SCI)
- II. **Angiotensin IV improves spatial memory in streptozotocin-induced diabetic rats by reducing oxidative stress and altering BDNF levels**  
KILIÇ A., ÜSTÜNOVA S., ELİBOL B., Bulut H., MERAL İ., Sahin G.  
ACTA NEUROBIOLOGIAE EXPERIMENTALIS, vol.81, no.2, pp.161-171, 2021 (Journal Indexed in SCI)
- III. **Effect of Thymoquinone on Ischemia/Reperfusion Injury in Isolated Hearts of Streptozotocin-Induced Diabetic Rats**  
ÜSTÜNOVA S., KILIÇ A., Bulut H., MERAL İ., Alican I.  
ACTA PHYSIOLOGICA, vol.227, pp.26, 2019 (Journal Indexed in SCI)
- IV. **Effects of Angiotensin IV on Learning-Memory and Hippocampal Oxidative Stress in Diabetic Rats**  
KILIÇ A., ÜSTÜNOVA S., ELİBOL B., Bulut H., MERAL İ., Sahin E. G.  
ACTA PHYSIOLOGICA, vol.227, pp.38, 2019 (Journal Indexed in SCI)
- V. **Angiotensin II type 2 receptor blocker PD123319 has more beneficial effects than losartan on ischemia/reperfusion injury and oxidative damage in isolated rat heart.**  
Kilic A., Ustunova S., Usta C., Bulut H., Meral İ., Demirci T., Gurel G.  
Canadian journal of physiology and pharmacology, 2019 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Effects of Nigella sativa on Plasma Oxidative Stress, and Some Apoptotic Protein Markers in Cerebrum and Hippocampus in Pentylene-tetrazol-Induced Kindling Rats**  
ÜSTÜNOVA S., ÜYÜKLÜ M., KILIÇ A., MERAL İ.  
European Journal of Biology, 2020 (Other Refereed National Journals)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Effect of thymoquinone on ischemia/reperfusion injury in isolated hearts of streptozotocin induced diabetic rats**  
Üstünova S., Kılıç A., Bulut H., Meral İ., Alican Y. İ.  
Türk Fizyolojik Bilimler 45. Ulusal Fizyoloji Kongresi, Aydın, Turkey, 31 October - 03 November 2019, vol.227, no.722, pp.26
- II. **Effects of Angiotensin IV on Learning-Memory and Hippocampal Oxidative Stress in Diabetic Rats**  
Kılıç A., Üstünova S., Elibol B., Bulut H., Meral İ., Şahin E. G.  
Türk Fizyolojik Bilimler Derneği 45. Ulusal Fizyoloji Kongresi , Aydın, Turkey, 31 October - 03 November 2019,

- III. **Bezmialem Vakıf Üniversitesi Tıbbi Dokümantasyon ve Sekreterlik Programının Mevcut Analizi**  
Üyüklü M., Kılıç A., Yalçınkaya Ö., Yalçınkaya B.  
4. Ulusal Sağlık Hizmetleri Meslek Yüksekokulları Sempozyumu, İstanbul, Turkey, 15 November 2017, pp.58-59
- IV. **The Effects of an Herbal Hemorrhoid Cream on Liver in Carbontetrachloride Treated Animals**  
KANDİL A., KILIÇ A., GUREVIN E. G. , SOGUT I., ÜSTÜNOVA S., Eren Ş., DEMIRCI-TANSEL C., CANER M.  
III. INTERNATIONAL ZOOLOGY AND TECHNOLOGY CONGRESS, Afyon, Turkey, 12 July 2017, pp.100
- V. **The Effect of an Herbal Hemorrhoid Cream Liver in Carbontetrachloride Treated Animals**  
KANDİL A., KILIÇ A., GÜREL GÜREVİN E., SÖĞÜT İ., ÜSTÜNOVA S., eren ş., CANER M., DEMİRCİ TANSEL C.  
3rd International Congress on Zoology and Technology, Afyon, Turkey, 12 - 15 July 2017
- VI. **Role of Angiotensin TYPe I and II receptor Blockade in Ischemia/Reperfusion Injury of Isolated Rat Heart**  
Kılıç A., ÜSTÜNOVA S., Usta C., BULUT H., ÜYÜKLÜ M., Demirci-Tansel C., MERAL İ., Artumak E., Gurevin-Gürel E.  
19th International Veterinary Medicine Students Scientific Research Congress, İstanbul, Turkey, 02 May 2017, pp.1005
- VII. **Role of Angiotensin Type I and Type II Receptor Blockade in Ischemia/Reperfusion Injury of Isolated Rat Heart**  
KILIÇ A., ÜSTÜNOVA S., CANSU U., BULUT H., ÜYÜKLÜ M., DEMİRCİ TANSEL C., MERAL İ., ARMUTAK E. İ. , GÜREL GÜREVİN E.  
19th International Veterinary Medicine Students Scientific Research Congress, 2 - 04 May 2017

## Citations

Total Citations (WOS):2

h-index (WOS):1

## Representation and Promotion Activities

Institutional Promotion, Bezmialem Vakıf Üniversitesi , Turkey, İstanbul, 2021 - 2021

Institutional Promotion, Bezmialem Vakıf Üniversitesi , Turkey, İstanbul, 2020 - 2020