

Res. Asst. HATİCE KESER

Personal Information

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International Researcher IDs

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Yoksis Researcher ID: 263474

Education Information

Undergraduate, Anadolu University, Open Education Faculty, Sağlık Yönetimi, Turkey 2017 - Continues

Doctorate, Adnan Menderes Üniversitesi, Tıp Fakültesi Temel Tıp Bilimleri, Biyofizik, Turkey 2016 - Continues

Postgraduate, Adnan Menderes Üniversitesi, Tıp Fakültesi Temel Tıp Bilimleri, Biyofizik, Turkey 2013 - 2016

Undergraduate, Ege University, Faculty Of Science, Fizik, Turkey 2010 - 2012

Foreign Languages

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Health&Medicine, Uyku Hastalıkları, EEG ile Bilişsel Becerinin İlişkisi, MATLAB Uygulamaları, Türkiye Beyin Araştırmaları ve Sinir Bilimleri Derneği, 2019

Health&Medicine, Gazi-Ege Bingss Neuroscience Graduate Summer Workshop and Practical Training, Türkiye Beyin Araştırmaları ve Sinirbilimleri Derneği, 2018

Health&Medicine, Utrecht University Neural Circuit Development and Plasticity Summer School, Utrecht University, 2018

Health&Medicine, Protein Kromatografisi Yaz Okulu, Adnan Menderes Üniversitesi - Hacettepe Üniversitesi, 2017

Health&Medicine, Laboratuvar Hayvanları Kullanım Sertifikası, Adnan Menderes Üniversitesi HADYEK, 2016

Health&Medicine, Cellular Imaging Techniques Workshop, Izmir International Biomedicine and Genome Institute-University of Oxford, 2016

Health&Medicine, Erasmus internship, Utrecht University, 2015

Dissertations

Postgraduate, Manyetik Alan ve Pterostilbenin Renal İskemi ve Reperfüzyona Etkisi, Adnan Menderes Üniversitesi, Sağlık Bilimleri Enstitüsü, Biyofizik, 2016

Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biophysics

Academic Titles / Tasks

Research Assistant, Karadeniz Technical University, Tıp Fakültesi Temel Tıp Bilimleri, Biyofizik, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Sensory-motor performance and neurochemical effects in the cerebral cortex of brain-derived neurotrophic factor heterozygous mice fed a high-cholesterol diet.**
KESER H., Girit O. B., Abidin S., Bilgin M. D., ALVER A., ABİDİN İ.
Acta neurobiologiae experimentalis, vol.83, no.1, pp.1-9, 2023 (SCI-Expanded)
- II. **Phenixin-14 reduces the frequency of interictal-like events in mice brain slices**
KALKAN Ö. F., ŞAHİN Z., ÖZTÜRK H., KESER H., ABİDİN S., ABİDİN İ.
EXPERIMENTAL BRAIN RESEARCH, vol.239, no.9, pp.2841-2849, 2021 (SCI-Expanded)
- III. **The TrkB agonist 7,8-dihydroxyflavone improves sensory-motor performance and reduces lipid peroxidation in old mice.**
Keser H., Doğramacı Ş., Şahin E., Sağlam N., Erdem M., Alver A., Aydin-Abidin S.
General physiology and biophysics, vol.39, no.5, pp.471-479, 2020 (SCI-Expanded)
- IV. **Pterostilbene administration improves the recovery potential of extremely low-frequency magnetic field in acute renal ischemia-reperfusion injury: an FTIR spectroscopic study**
KESER H., Bozkurt Girit Ö., Majeed M., NAYAK M., Bilgin M. D.
TURKISH JOURNAL OF BIOLOGY, vol.43, pp.1-14, 2019 (SCI-Expanded)

Articles Published in Other Journals

- I. **L-Theanine Reduces Epileptiform Activity In Brain Slices**
BAŞOĞLU H., ÖZTÜRK H., KESER H., ABİDİN S., ABİDİN İ.
Akdeniz Tip Dergisi, vol.8, pp.121-127, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **7,8 DHF Akut Etkisinin in vivo Elektrofizyolojik İncelenmesi**
KESER H., Aydin Abidin S., Abidin İ.
31. Ulusal Biyofizik Kongresi, Adana, Turkey, 9 - 12 October 2019, pp.44
- II. **Anti-aging Effect of 7,8 DHF Application on Sensory Motor Performance**
KESER H., Aydin Abidin S., Abidin İ.
FENS Regional Meeting, Belgrade, Serbia And Montenegro, 10 - 13 July 2019, pp.629
- III. **Kronik Beyin Kaynaklı Nörotrofik Faktör (BDNF) eksikliğinin duyusal motor performanslara etkisi**
KESER H., ABİDİN S., ABİDİN İ.
17. Ulusal Sinirbilim Kongresi, 4 - 07 April 2019
- IV. **Effects of chronic brain-induced neurotrophic factor (BDNF) deficiency on sensory motor performance**
KESER H., Aydin Abidin S., Abidin İ.
17. Ulusal Sinirbilim Kongresi, Trabzon, Turkey, 4 - 07 April 2019, pp.43
- V. **Pterostilbene exhibits neuroprotective effects on function, composition and structure of sciatic nerves in diabetic neuropathy**
KESER H., Bozkurt Girit Ö., Severcan F., Bilgin M. D.
11th FENS Forum of Neuroscience, Berlin, Germany, 7 - 11 July 2018, pp.1
- VI. **Manyetik Alan ve Pterostilbenin Renal İskemi-Reperfüzyon Hasarına Etkisi**

- KESER H., Bozkurt Girit Ö., Severcan F., Bilgin M. D.
28-29. Ulusal Biyofizik Kongresi, İstanbul, Turkey, 6 - 09 September 2017, pp.107
- VII. **MANYETİK ALAN VE PTEROSTİLBEİNİN RENAL İSKEMİ-REPERFÜZYON HASARINA ETKİSİ**
KESER H., BOZKURT GİRİT Ö., SEVERCAN F., BİLGİN M. D.
28.-29. Ulusal Biyofizik Kongresi (Uluslararası katılımlı), İstanbul, Turkey, 6 - 09 September 2017
- VIII. **The Effects of Combined Treatment of Extremely Low Frequency Magnetic Field (50 Hz, 1 mT) and Pterostilbene on Renal Ischemic Injury**
Bozkurt Girit Ö., KESER H., Severcan F., Bilgin M. D.
3rd International Turkish Congress on Molecular Spectroscopy, Muğla, Turkey, 26 - 29 August 2017, pp.141
- IX. **Protective Effects of Extremely Low Frequency Magnetic Field (50 Hz, 1 mT) and Pterostilbene Treatment on Renal ischemic Injury**
Bozkurt Girit Ö., KESER H., Severcan F., Bilgin M. D.
Biophysical Society 61st Annual Meeting, New Orleans, United States Of America, 11 - 15 February 2017
- X. **Pterostilben tedavisinin tip 1 diyabetik sıçan siyatik siniri üzerine olan nöropotektil etkileri**
Bozkurt Girit Ö., KESER H., Majeed M., Vaidyanathan P., Bilgin M. D.
27. Ulusal Biyofizik Kongresi, Malatya, Turkey, 29 September - 03 October 2015, pp.44
- XI. **Diyabetik nöropatide pterostilben tedavisinin koruyucu etkileri**
Bozkurt Girit Ö., KESER H., Köken E. C., Bilgin M. D.
13. Ulusal Sinirbilim Kongresi, Konya, Turkey, 1 - 03 May 2015, pp.92

Supported Projects

ABİDİN S., ABİDİN İ., KESER H., Project Supported by Higher Education Institutions, Endojen Beyin Kaynaklı Nörotrofik Faktör (BDNF)'ün Kainik Asit Nörotoksitesine Etkisi, 2018 - 2019

Metrics

Publication: 20
Citation (WoS): 6
Citation (Scopus): 7
H-Index (WoS): 2
H-Index (Scopus): 2

Congress and Symposium Activities

31. Ulusal Biyofizik Kongresi, Attendee, Adana, Turkey, 2019
FENS Regional Meeting, Attendee, Belgrade, Serbia And Montenegro, 2019
17. Ulusal Sinirbilim Kongresi, Attendee, Trabzon, Turkey, 2019
11th FENS Forum of Neuroscience, Attendee, Berlin, Germany, 2018
Gazi-Ege Bingss Neuroscience Graduate Summer Workshop and Practical Training, Attendee, Ankara, Turkey, 2018
Utrecht University Neural Circuit Development and Plasticity Summer School, Attendee, Utrecht, Netherlands, 2018
28-29. Ulusal Biyofizik Kongresi, Attendee, İstanbul, Turkey, 2017
3rd International Turkish Congress on Molecular Spectroscopy, Attendee, Muğla, Turkey, 2017
Protein Kromatografisi Yaz Okulu, Attendee, Turkey, 2017
Deney Hayvanları Kullanım Kursu, Attendee, Aydin, Turkey, 2016
Cellular Imaging Techniques Workshop, Attendee, İzmir, Turkey, 2016
Utrecht University Chemistry Day, Attendee, Utrecht, Netherlands, 2015
Bijvoet Center for Biomolecular Research Symposium, Attendee, Utrecht, Netherlands, 2015

6th Traditional Science and Technology Symposium: Neurodegenerative Diseases and Molecular Mechanisms, Attendee, Turkey, 2014

İzmir Genç Fizikçiler Kongresi, Attendee, Turkey, 2012

Turkish Disorder Systems Working Group XI International Symposium on "Disorder Systems: Theory and Its Applications, Attendee, İzmir, Turkey, 2011

Scholarships

Cellular Imaging Techniques Workshop, British Council, 2016 - Continues

Erasmus Staj Hareketliliği, European Commission, 2015 - Continues