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Personal Information

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International Researcher IDs

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Education Information

Expertise In Medicine, Erciyes University, Temel Tıp Bilimleri, Fizyoloji, Turkey 2005 - 2012

Undergraduate, Erciyes University, Tıp Fakültesi, Turkey 1991 - 1999

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Expertise In Medicine, Aydınlık-karanlık siklus deęişiminin rat hipokampus A1 nöron aktivitesine etkisi, Erciyes Üniversitesi, Temel Tıp Bilimleri, Fizyoloji, 2011

Research Areas

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

Academic Titles / Tasks

Lecturer, Erciyes University, Tıp Fakültesi, Temel Tıp Bilimleri, 2013 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Comparison of disease-modifying anti-rheumatic drugs and hyperbaric oxygen therapy in the experimental model of rheumatoid arthritis in rats**
Hallak M., İNAL A., BAKTIR M. A., ATASEVER A.
Clinical and Experimental Pharmacology and Physiology, vol.51, no.8, 2024 (SCI-Expanded)
- II. **Hyperbaric Oxygen Therapy, a Possible New Approach in the Treatment of Retinal Damage in Methanol Poisoning in Rats**
BAKTIR M. A., Suna P. A., ALAN A., YAY A. H., ÇETİN A., CUMAOĞLU A.
PAKISTAN VETERINARY JOURNAL, vol.43, no.2, pp.371-375, 2023 (SCI-Expanded)

- III. **EXERCISE CAPACITY AND MORTALITY IN VETERANS WITH AND WITHOUT TYPE-2 DIABETES: AN ANALYSIS USING PROPENSITY MATCHING**
BAKTIR M. A., Ceran Y., MYERS J.
ACTA ENDOCRINOLOGICA-BUCHAREST, vol.13, no.3, pp.378-384, 2017 (SCI-Expanded)
- IV. **Physical exercise induces structural alterations in the hippocampal astrocytes: exploring the role of BDNF-TrkB signaling**
FAHIMI A., Baktir M. A., MOGHADAM S., MOJABI F. S., SUMANTH K., MCNERNEY M. W., PONNUSAMY R., SALEHI A.
BRAIN STRUCTURE & FUNCTION, vol.222, no.4, pp.1797-1808, 2017 (SCI-Expanded)
- V. **Increased incidence of intermittent hypoxemia in the Ts65Dn mouse model of Down syndrome**
Das D., Medina B., BAKTIR M. A., Mojabi F., Fahimi A., Ponnusamy R., Salehi A.
NEUROSCIENCE LETTERS, vol.604, pp.91-96, 2015 (SCI-Expanded)
- VI. **The Link Between Physical Activity and Cognitive Dysfunction in Alzheimer Disease**
Phillips C., BAKTIR M. A., Das D., Lin B., Salehi A.
PHYSICAL THERAPY, vol.95, no.7, pp.1046-1060, 2015 (SCI-Expanded)
- VII. **Neuroprotective effects of physical activity on the brain: a closer look at trophic factor signaling**
Phillips C., BAKTIR M. A., Srivatsan M., Salehi A.
FRONTIERS IN CELLULAR NEUROSCIENCE, vol.8, 2014 (SCI-Expanded)

Articles Published in Other Journals

- I. **An evaluation of the effects on the ovaries of hyperbaric oxygen therapy in a rat model of premature ovarian failure created with cyclophosphamide.**
Çağlı F., Baktir M. A., Dolanbay M., Balcıoğlu E., Cumaoğlu A., Ermiş M., Karaman E., Yalçın B., Aygen E. M.
Turkish journal of obstetrics and gynecology, vol.20, no.1, pp.46-52, 2023 (Scopus)
- II. **Might Lifestyle Choices Reduce the Risk of Depression?**
Phillips C., Baldrige A., Phillips C., BAKTIR M. A., Fahimi A.
Frontiers for Young Minds, vol.7, 2019 (Peer-Reviewed Journal)
- III. **Assessment of Dendritic Arborization in the Dentate Gyrus of the Hippocampal Region in Mice**
Das D., Phillips C., Lin B., Mojabi F., BAKTIR M. A., Dang V., Ponnusamy R., Salehi A.
JOVE, pp.1-8, 2015 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Basitleştirilmiş Klinik Fizyoloji**
BAYRAK S., BAKTIR M. A., BOZKURT A., YAPIŞLAR H., TUNA ERDOĞAN E., GÖZEN O., YILDIRIM A., ALACA N., BAHADIR F. E., YEGEN B.
Ankara nobel, Ankara, 2018
- II. **Görmenin Merkezi Nörofizyolojisi**
GÖLGELİ A., BAKTIR M. A., GÜL M., KAHVECİ N., GÜNDOĞAN N. Ü., EMRE M. H., ATEŞ N., KAYATEKİN B. M., AÇIKGÖZ O., UYSAL HARZADIN N., et al.
in: Guyton ve Hall Tıbbi Fizyoloji, Prof. Dr. Berrak Ç. Yeğen, Editor, Güneş Kitabevi, İstanbul, pp.661-672, 2017

Refereed Congress / Symposium Publications in Proceedings

- I. **Closer look to cellular death mechanism**
BAKTIR M. A.
Medicalis 2019, Cluj, Romania, 9 - 12 May 2019
- II. **Autophagy: As a Cellular Stress Response and Cellular Death Mechanism.**

BAKTIR M. A.

INTERNATIONAL SYMPOSIUM: HEALTH THROUGH EDUCATION, PREVENTION AND TREATMENT, Cluj, Romania, 7 - 08 December 2018

III. Social Isolation in young people and Alzheimer's Disease

BAKTIR M. A.

6th International Conference on Science Culture and Sports, Lviv, Ukraine, 25 - 27 April 2018

IV. Exercise Capacity and Mortality in Type 2 Diabetes An Analysis Using the Propensity Model

BAKTIR M. A.

The 2016 International Wingate Congress of Exercise and Sport Sciences, 2 - 05 June 2016

V. Plerixafor use in prevention of mobilization failure of autologous stem cell A single center experience

birekul a., ÜNAL A., ÜNAL M. Ç., KAYNAR L., BAKTIR M. A., ERMİŞ TURAK E., ŞIVGIN S., ESER B., ÇETİN M.

42nd Annual Meeting of the European Society for Blood and Marrow Transplantation, 3 - 06 April 2016, vol.51, pp.136-137

VI. Plerixafor use in prevention of mobilization failure of autologous stem cell: A single-center experience

BİREKUL A., ÜNAL A., UNAL C., KAYNAR L., BAKTIR M. A., TURAK E. E., SIVGIN S., ESER B., Cetin M.

42nd Annual Meeting of the European-Society-for-Blood-and-Marrow-Transplantation, Valencia, Spain, 3 - 06 April 2016, vol.51

VII. Farelerde tükenmeye giden yüzme egzersizi sonrası davranış parametreleri ve uzamsal öğrenme

BAKTIR M. A., GÖLGELİ A., BİTİKTAŞ S., Yazgan K.

4. Egzersiz Fizyolojisi Sempozyumu, İstanbul, Turkey, 17 - 18 May 2013, pp.52

VIII. Elit Alp Kayağı Sporcularında Bazı Parametreler

ÇOKSEVİM B., Adıgüzel S., Polat M., BAKTIR M. A.

4.Egzersiz Fizyolojisi Sempozyumu, İstanbul, Turkey, 17 - 18 May 2013, pp.62

IX. Kronik Soğuk Stresin Sıçanlarda Eritrositlerin Reolojik Özellikleri Üzerine Etkileri

ARTIŞ A. S., BAŞARAN K. E., AYDOĞAN S., BAKTIR M. A., DOLU N., SÜER C.

36. Ulusal Fizyoloji Kongresi, Edirne, Turkey, 14 September 2010 - 17 September 2011, pp.47

Supported Projects

ÇOKSEVİM B., POLAT M., BAKTIR M. A., AYDOĞAN S., ÇETİN A., Project Supported by Higher Education Institutions, Anaerobik ve Aerobik Efor Testlerine oluşan Kardiorespiratuvar Otonom Refleks Cevabın Toparlanma Üzerine Etkisi, 2012 - 2014

ERENMEMİŞOĞLU A., GÖLGELİ A., BAKTIR M. A., SUMAK T., Project Supported by Higher Education Institutions, ANNELİK DAVRANIŞININ AMİGDAL NUKLEUS NÖRON İYON AKIMLARINA ETKİSİ, 2007 - 2012

SÜER C., BAKTIR M. A., Project Supported by Higher Education Institutions, Sıçan Hipokampus Ca1 Nöronlarında Postnatal Elektrofizyolojik Değişikliklerin In Vivo Şartlarda İncelenmesi, 2007 - 2009

Metrics

Publication: 22

Citation (WoS): 258

Citation (Scopus): 277

H-Index (WoS): 4

H-Index (Scopus): 4

Non Academic Experience

