

## Prof. SÜREYYA BARUN

### Personal Information

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### Education Information

Undergraduate, Ankara University, Tıp Fakültesi, Tıp Pr., Turkey 1983 - 1989

### Foreign Languages

English, C1 Advanced

### Research Areas

Health Sciences

### Academic Titles / Tasks

Associate Professor, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2006 - Continues

Lecturer, Gazi University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2002 - 2006

Expert, Hacettepe University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1989 - 1994

### Advising Theses

BARUN S., Major depresif bozukluk hastalarında serum S100B ve CD163 düzeylerinin kognitif fonksiyonlarla ilişkisi ve ssrı tedavisine bağlı olası değişimlerinin incelenmesi, Doctorate, A.SİNAN(Student), 2020

BARUN S., ÖZER A., Açık kalp cerrahisi geçiren diyabetik ve non-diyabetik hastalarda bilişsel fonksiyonlar ile çözünür fraktalkin, GFAP veCD163 düzeylerinin incelenmesi, Expertise In Medicine, A.ÖZBAY(Student), 2019

BARUN S., The relationship between serum S100B levels and microglial activation in rat hippocampus after lithium-pilocarpine-induced SE and the affect of liraglutide, a GLP-1 analogue, on these changes, Expertise In Medicine, M.KIZILTAŞ(Student), 2015

BARUN S., The effects of the ketamine and dantrolene on the hippocampal apoptosis and spatial learning in rats exposed to repeated electroconvulsive seizures as a model of epilepsy, Doctorate, İ.DEVRİM(Student), 2014

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

- I. **Do Anxiety and Depression Levels Affect the Inflammation Response in Patients Hospitalized for COVID-19**  
Kahve A. C. , Kaya H., OKUYUCU M., Goka E., BARUN S., Hacimusalar Y.  
PSYCHIATRY INVESTIGATION, vol.18, no.6, pp.505-512, 2021 (Journal Indexed in SCI)
- II. **Investigation of the Possible Protective Effects of Ketamine and Dantrolene on the Hippocampal**

### **Apoptosis and Spatial Learning in Rats Exposed to Repeated Electroconvulsive Seizures as a Model of Status Epilepticus**

Gursoy I. D. , BARUN S., Erdem R., KESKİN U., Kiziltas M., ATİLLA P., Muftuoglu S., YÜCE D., Narin F., Ertunc M., et al. TURKISH NEUROSURGERY, vol.30, no.6, pp.871-884, 2020 (Journal Indexed in SCI)

### **III. The Effects of Minocycline on the Hippocampus in Lithium- Pilocarpine Induced Status Epilepticus in Rat: Relations with Microglial/Astrocytic Activation and Serum S100B Level.**

Bulduk E. B. , KURT G., BARUN S., Aydemir O., Kiziltas M., Oktem M., Turhan T., ATİLLA P., Muftuoglu S. Turkish neurosurgery, vol.29, no.1, pp.95-105, 2019 (Journal Indexed in SCI Expanded)

### **IV. The Effects of Melatonin on Intestinal Adaptation in a Rat Model of Short Bowel Syndrome**

Guclu M., Demirogullari B., BARUN S., Ozen I. O. , Karakus S. C. , POYRAZ A., SERDAR M. A. , KARABULUT R., TÜRKYILMAZ Z., SÖNMEZ K., et al.

EUROPEAN JOURNAL OF PEDIATRIC SURGERY, vol.24, no.2, pp.150-157, 2014 (Journal Indexed in SCI)

### **V. The effects of iloprost, a prostacyclin analogue, in experimental ischaemia/reperfusion injury in rat ovaries**

Ozat M., Gungor T., BARUN S., Demirogullari B., KARAKOÇ SÖKMENSÜER L., GÜLBAHAR Ö., Gursoy D., Muftuoglu S. EXPERIMENTAL AND TOXICOLOGIC PATHOLOGY, vol.61, no.5, pp.519-527, 2009 (Journal Indexed in SCI)

### **VI. Effect of a Chloride channel inhibitor, 5-nitro-2-(3-phenylpropylamino)-benzoate, on endothelin-1 induced vasoconstriction in rabbit basilar artery Klor Kanalı İnhibitörü 5-Nitro-2-(3-Fenilpropilamino)-Benzoat'ın Tavşan Baziller Arterinde Endotelin-1 ile İndüklenen Vazokonstriksiyon Üzerine Etkileri**

Dogulu F., BARUN S., Emmez H., ELMAS Ç., Onal B., BELEN H. B. , Erdogan D., Ilgit E. T. , Saridglu Y., KURT G., et al. Turkish Neurosurgery, vol.19, no.4, pp.380-386, 2009 (Journal Indexed in SCI Expanded)

## **Articles Published in Other Journals**

### **I. Effects of isoflurane, ketamine and dantrolene on apoptosis in the rat hippocampus**

Kartal S., Günaydın D. B. , Barun S., Elmas Ç.

Turkish Journal of Clinics and Laboratory, vol.4, pp.255-261, 2020 (Refereed Journals of Other Institutions)

## **Books & Book Chapters**

### **I. PSİKOZ VE MANİNİN İLAÇLA TEDAVİSİ**

BARUN S.

in: GOODMAN VE GİLMAN'xxIN FARMAKOLOJİ VE TEDAVİ EL KİTABI, Ş. REMZİ ERDEM, Editor, GÜNEŞ TIP KİTABEVLERİ, Ankara, pp.251-266, 2016

## **Refereed Congress / Symposium Publications in Proceedings**

### **I. Assessment of Dabigatran, Rivaroxaban and Apixaban With Respect to Drug-Drug Interaction in a University Hospital**

Türkeş S., Karakuş O., Yumus Basak D., BARUN S., ULUOĞLU C.

18. World Congress of Basic and Clinical Pharmacology, Kyoto International Conference Center Kyoto – Japonya, Tokyo, Japan, 1 - 06 July 2018, vol.31213

### **II. The Effects of Minocycline on Hippocampus in Lithium-Pilocarpine Induced Status Epilepticus In Rat, Relations with microglia/astrocytic activation and serum S100B level**

BULDUK E. B. , KURT G., BARUN S., HANALİOĞLU Ş., NARİN F., AYDEMİR Ö., KIZILTAŞ M., ÖKTEM M., TURAN T., ATİLLA P., et al.

ICHS-INTERNATIONAL CONGRESS OF HISTOCHEMISTRY AND CYTOCHEMISTRY 2017, 18 - 21 May 2017, pp.434-

- III. **THE RELATIONSHIP BETWEEN SERUM S100B LEVELS AND MICROGLIAL ACTIVATION IN RAT HIPPOCAMPUS AFTER LITHIUM Pilocarpine INDUCED STATUS EPILEPTICUS AND THE EFFECT OF LIRAGLUTIDE: A GLP-1 ANALOGUE ON THESE CHANGES**  
KIZILTAŞ M., BARUN S., YETKİN İ., HANALIOĞLU Ş., NARİN F., BİLGİNER B., AYDEMİR Ö., ATILLA P., MÜFTÜOĞLU S. F. , TURAN T., et al.  
ICH2017-INTERNATIONAL CONGRESS OF HISTOCHEMISTRY AND CYTOCHEMISTRY, 18 - 21 May 2017, pp.431-432
- IV. **Immunohistochemical study of Osteopontin and Bcl-2 gene expression in kidney tissue in histidine-tryptophan-ketoglutarate (HTK) solution prepared with N-acetyl-L-carnitine**  
ÖZOĞUL C., Başer Demircan İ., BARUN S., KAVUTÇU M., İLHAN M. N. , AKYOL S. N. , HIRFANOĞLU İ. M. , Bilge M., SARIBAŞ G. S. , KAÇAMAK P., et al.  
Proceedings of the 15th International Congress of Histochemistry and Cytochemistry, Antalya, Turkey, 18 - 21 May 2017

### Supported Projects

BARUN S., Project Supported by Higher Education Institutions, Tavşan Vas Deferens inde Elektriksel Alan Stimülasyonu ile Oluşturulan Pürinerjik ve Noradrenerjik Kontraksiyonlar Üzerine Kannabinoidlerin Etkileri, 2004 - Continues  
BARUN S., Project Supported by Higher Education Institutions, Ketamin ve dantrolen'in bir epilepsi modeli olarak tekrarlayan elektrokonvulsif nöbet uygulanan sıçanlarda uzaysal öğrenme ve hipokampal apoptozis üzerine etkileri, 2010 - 2013

### Citations

Total Citations (WOS):25

h-index (WOS):3