

Prof. GÖKHAN GÖKTALAY

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAH-1448-2021

ScopusID: 6508023759

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Education Information

Expertise In Medicine, Bursa Uludağ University, TIP FAKÜLTESİ, Dahili Tıp Bilimleri Bölümü, Turkey 1999 - 2002

Undergraduate, Dokuz Eylül University, Tıp Fakültesi, Tıp Pr., Turkey 1991 - 1997

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Expertise In Medicine, KOLİN VERİLMESİ SONRACEŞİTLİ BEYİN BÖLGELERİNDE KOLİN DAĞILIMININ İN VIVO BEYİN MİKRODİYALİZİ İLE BELİRLENMESİ, Bursa Uludağ University, 2002

Research Areas

Health Sciences, Engineering and Technology

Academic Titles / Tasks

Professor, Bursa Uludağ University, TIP FAKÜLTESİ, DAHİLİ TIP BİLİMLERİ, 2015 - Continues

Associate Professor, Bursa Uludağ University, TIP FAKÜLTESİ, DAHİLİ TIP BİLİMLERİ, 2008 - 2015

Assistant Professor, Bursa Uludağ University, TIP FAKÜLTESİ, DAHİLİ TIP BİLİMLERİ, 2007 - 2008

Expert, Bursa Uludağ University, TIP FAKÜLTESİ, DAHİLİ TIP BİLİMLERİ, 2002 - 2007

Research Assistant, Bursa Uludağ University, TIP FAKÜLTESİ, DAHİLİ TIP BİLİMLERİ, 1999 - 2002

Academic and Administrative Experience

Head of Department, Bursa Uludağ University, TIP FAKÜLTESİ, DAHİLİ TIP BİLİMLERİ, 2023 - Continues

Head of Ethics Committee, Bursa Uludağ University, REKTÖRLÜK, REKTÖRLÜK, 2020 - Continues

Farabi Program Institutional Coordinator, Bursa Uludağ University, TIP FAKÜLTESİ, DAHİLİ TIP BİLİMLERİ, 2017 -

Continues

Erasmus Program Institutional Coordinator, Bursa Uludağ University, TIP FAKÜLTESİ, DAHİLİ TIP BİLİMLERİ, 2017 -

Continues

BAP Scientific Commissioner, Bursa Uludağ University, REKTÖRLÜK, REKTÖRLÜK, 2017 - 2019

Advising Theses

Göktalay G., Evaluation of the age-related prepulse inhibition (PPI) changes, Postgraduate, Ö.AKTAŞ(Student), 2020

Göktalay G., Effects of acetylcholinesterase inhibitors on baseline and scopolamine-induced disruption of prepulse inhibition (PPI), Postgraduate, B.MERGEN(Student), 2018

GÖKTALAY G., Effect of CDP-choline on disrupted prepulse inhibition (PPI) which is one of the biological markers of schizophrenia, Postgraduate, G.USLU(Student), 2013

GÖKTALAY G., Bazal ön uyaran aracılı inhibisyon değerlerine göre sıralanmış sıçanlardaki farmakolojik yanıt farklılıklarını, Expertise In Medicine, S.ORAL(Student), 2013

Published journal articles indexed by SCI, SSCI, and AHCI

I. Silymarin-loaded electrospun polycaprolactone nanofibers as wound dressing

Sali A., DÜZYER GEBİZLİ Ş., GÖKTALAY G.

Journal of Materials Research, vol.38, no.8, pp.2251-2263, 2023 (SCI-Expanded)

II. Prepulse inhibition based grouping of rats and assessing differences in response to pharmacological agents

Oral S., GÖKTALAY G.

NEUROSCIENCE LETTERS, vol.755, 2021 (SCI-Expanded)

III. Evaluation of Nigella sativa oil loaded electrospun polyurethane nanofibrous mat as wound dressing

Aras C., Ozer E., Göktalay G., Saat G., Karaca E.

JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.32, pp.1718-1735, 2021 (SCI-Expanded)

IV. Design and in vivo evaluation of alginate-based pH-sensing electrospun wound dressing containing anthocyanins

Pakolpakkil A., OSMAN B., GÖKTALAY G., Ozer E., ŞAHAN Y., BECERİR B., KARACA E.

JOURNAL OF POLYMER RESEARCH, vol.28, no.2, 2021 (SCI-Expanded)

V. Halochromic composite nanofibrous mat for wound healing monitoring

Pakolpakkil A., Osman B., Ozer E., Şahan Y., Becerir B., Göktalay G., Karaca E.

Materials Research Express, vol.6, 2019 (SCI-Expanded)

VI. HYPOVOLEMIC HEMORRHAGE INDUCES FOS EXPRESSION IN THE RAT HYPOTHALAMUS: EVIDENCE FOR INVOLVEMENT OF THE LATERAL HYPOTHALAMUS IN THE DECOMPENSATORY PHASE OF HEMORRHAGE

Goktalay G., Millington W. R.

NEUROSCIENCE, vol.322, pp.464-478, 2016 (SCI-Expanded)

VII. The OVLT initiates the fall in arterial pressure evoked by high dose lipopolysaccharide: Evidence that dichotomous, dose-related mechanisms mediate endotoxic hypotension

Feleder C., Yilmaz M. S., Peng J., GÖKTALAY G., Millington W. R.

Journal of Neuroimmunology, vol.285, pp.94-100, 2015 (SCI-Expanded)

VIII. Social interaction of rats is related with baseline prepulse inhibition level

GÖKTALAY G., Kayir H., Ulusoy G. K., Uzbay T.

NEUROSCIENCE LETTERS, vol.582, pp.125-129, 2014 (SCI-Expanded)

IX. Varenicline disrupts prepulse inhibition only in high-inhibitory rats

GÖKTALAY T., Buyukuyosal S., Uslu G., ŞAKAR COŞKUN A., Yorgancioglu A., Kayir H., Uzbay T., GÖKTALAY G.

- PROGRESS IN NEURO-PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY, vol.53, pp.54-60, 2014 (SCI-Expanded)
- X. **EFFECTS OF HARMINE ON PREPULSE INHIBITION OF ACOUSTIC STARTLE REFLEX IN RATS**
Uzbay T., Cevreli B., Ozcerin A., Goktalay G., Kayir H.
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.115, pp.188-189, 2014 (SCI-Expanded)
- XI. **CDP-choline attenuates scopolamine induced disruption of prepulse inhibition in rats: Involvement of central nicotinic mechanism**
Uslu G., SAVCI V., Buyukuyosal L. R., GÖKTALAY G.
NEUROSCIENCE LETTERS, vol.569, pp.153-157, 2014 (SCI-Expanded)
- XII. **Increased plasma agmatine levels in patients with schizophrenia**
Uzbay T., GÖKTALAY G., Kayir H., Eker S. S., SARANDÖL A., Oral S., Buyukuyosal L., Ulusoy G., KIRLI S.
JOURNAL OF PSYCHIATRIC RESEARCH, vol.47, no.8, pp.1054-1060, 2013 (SCI-Expanded)
- XIII. **Impact of baseline prepulse inhibition on nicotine-induced locomotor sensitization in rats**
Kayir H., GÖKTALAY G., YAVUZ O., Uzbay T. I.
BEHAVIOURAL BRAIN RESEARCH, vol.216, no.1, pp.275-280, 2011 (SCI-Expanded)
- XIV. **The relationship between baseline prepulse inhibition levels and ethanol withdrawal severity in rats**
Kayir H., YAVUZ O., GÖKTALAY G., Yildirim M., Uzbay T.
PROGRESS IN NEURO-PSYCHOPHARMACOLOGY & BIOLOGICAL PSYCHIATRY, vol.34, no.8, pp.1507-1514, 2010 (SCI-Expanded)
- XV. **Agmatine disrupts prepulse inhibition of acoustic startle reflex in rats**
Uzbay T., Kayir H., Goktalay G., Yildirim M.
JOURNAL OF PSYCHOPHARMACOLOGY, no.6, pp.923-929, 2010 (SCI-Expanded)
- XVI. **Clozapine Inhibits Development and Expression of Nicotine-Induced Locomotor Sensitization in Rats**
Kayir H., GÖKTALAY G., Yildirim M., Uzbay T. I.
SYNAPSE, vol.63, no.1, pp.15-21, 2009 (SCI-Expanded)
- XVII. **Stimulus properties of venlafaxine in a conditioned taste aversion procedure**
Kayir H., Alici T., Goktalay G., Yildirim M., Ulusoy G. K., Ceyhan M., Celik T., Uzbay T. I.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.596, pp.102-106, 2008 (SCI-Expanded)
- XVIII. **Lipopolysaccharide-induced hypotension is mediated by a neural pathway involving the vagus nerve, the nucleus tractus solitarius and alpha-adrenergic receptors in the preoptic anterior hypothalamic area**
Yilmaz M. S., Goktalay G., Millington W. R., Myer B. S., Cutrera R. A., Feleder C.
JOURNAL OF NEUROIMMUNOLOGY, vol.203, no.1, pp.39-49, 2008 (SCI-Expanded)
- XIX. **Hemorrhage activates proopiomelanocortin neurons in the rat hypothalamus**
Goktalay G., Cavun S., Levendusky M., Resch G., Veno P., Millington W.
Brain Research, vol.1070, no.1, pp.45-55, 2006 (SCI-Expanded)
- XX. **Glycyl-glutamine inhibits nicotine conditioned place preference and withdrawal**
Goktalay G., Cavun S., Levendusky M., Hamilton J., Millington W.
European Journal of Pharmacology, vol.530, no.1-2, pp.95-102, 2006 (SCI-Expanded)
- XXI. **Glycyl-glutamine, an endogenous β -endorphin-derived peptide, inhibits morphine-induced conditioned place preference, tolerance, dependence, and withdrawal**
Cavun S., Goktalay G., Millington W.
Journal of Pharmacology and Experimental Therapeutics, vol.315, no.2, pp.949-958, 2005 (SCI-Expanded)
- XXII. **Muscimol injection into the lateral hypothalamus inhibits the hypotension and bradycardia caused by somato-visceral nociception**
Goktalay G., Levendusky M., Millington W.
BRAIN RESEARCH, vol.1029, no.1, pp.124-130, 2004 (SCI-Expanded)
- XXIII. **The hypotension evoked by visceral nociception is mediated by delta opioid receptors in the periaqueductal gray**
Cavun S., Goktalay G., Millington W.
Brain Research, vol.1019, no.1-2, pp.237-245, 2004 (SCI-Expanded)

- XXIV. **Intravenously injected CDP-choline increases blood pressure and reverses hypotension in haemorrhagic shock: Effect is mediated by central cholinergic activation**
 Savci V., Goktalay G., Cansev M., Cavun S., Yilmaz M. S., Ulus I.
 European Journal of Pharmacology, vol.468, no.2, pp.129-139, 2003 (SCI-Expanded)
- XXV. **Intracerebroventricular choline increases plasma vasopressin and augments plasma vasopressin response to osmotic stimulation and hemorrhage**
 Savci V., Goktalay G., Ulus I.
 BRAIN RESEARCH, vol.942, pp.58-70, 2002 (SCI-Expanded)
- XXVI. **Cardiovascular effects of intracerebroventricularly injected CDP-choline in normotensive and hypotensive animals: The involvement of cholinergic system**
 Savci V., Cavun S., Goktalay G., Ulus I.
 Naunyn-Schmiedeberg's Archives of Pharmacology, vol.365, no.5, pp.388-398, 2002 (SCI-Expanded)

Articles Published in Other Journals

- I. **Deneysel Şizofreni Modelinde Bilişsel Fonksiyonlar ve Hipokampal Sinaptofizin Düzeylerinin İncelenmesi**
 Ermiş E., Koç C., Mergen H. Ş., Makinecioğlu İ., Vural A. P., Cansev M., Göktalay G., Eray Çamlı Ş.
 Uludağ Üniversitesi Tıp Fakültesi Dergisi, vol.49, no.3, pp.367-373, 2023 (Peer-Reviewed Journal)
- II. **Deney Hayvanı Modelleri Geçerlilik Kriterleri**
 KAYIR H., GÖKTALAY G.
 Türkiye Klinikler Farmakoloji Özel Dergisi, vol.4, no.1, pp.42-47, 2016 (Peer-Reviewed Journal)
- III. **Psikoz ve Şizofreni ile İlişkili Deney Hayvanı Modelleri**
 GÖKTALAY G., AKTAŞ Ö., KAYIR H.
 Türkiye Klinikleri Farmakoloji Özel Dergisi, vol.4, no.1, pp.53-60, 2016 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **Spesifik ilaçlar ve zehirler: Tanı ve tedavi**
 gürayten ö., özyurtsibel g., SAVCI V., YILMAZ M. S., TAŞ S., cenk c., BÜYÜKUYSL R. L., GÖKTALAY G.
 in: Zehirlenmeler ve İlaç Aşırı Dozu, Vahide Savci, Editor, Nobel Tıp Kitapevleri, pp.68-397, 2012

Supported Projects

GÖKTALAY G., Project Supported by Higher Education Institutions, Bazal Ön Uyaran Aracılı İnhibisyon (ÖUAI)
 Değerlerine Göre gruplandırılmış Sığanların Davranışsal ve Nörokimyasal Farklılıkların belirlenmesi, 2011 - 2012

Patent

Göktalay G., Cansev M., Düzyer Gebizli Ş., Mergen H. Ş., Ermiş E., ÜRİDİN İÇEREN NANOLİFLİ YARA ÖRTÜSÜ, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2022/019850 , Standard Registration, 2022
 Göktalay G., Cansev M., Düzyer Gebizli Ş., Mergen H. Ş., Ermiş E., NANOFIBER WOUND DRESSING WITH URIDINE, Patent, CHAPTER A Human Needs, The Invention Recourse Number: PCT/TR2022/051594 , Standard Registration, 2022
 Cansev M., Göktalay G., Makinecioğlu İ., Eray Ş., Vural A. P., Mergen H. Ş., Ermiş E., Sali A., ÜRİDİNİN ÖN UYARAN ARACILI İNHİBİSYON BOZUKLUĞU İLE SEYREDEN HASTALIKLARIN TEDAVİSİNDE KULLANIMI, Patent, CHAPTER A Human Needs, The Invention Recourse Number: 2021/016704 , Standard Registration, 2021
 Cansev M., Göktalay G., Makinecioğlu İ., Eray Ş., Vural A. P., Mergen H. Ş., Ermiş E., Sali A., USE OF URIDINE IN THE TREATMENT OF DISEASES WITH PRE-PULSE MEDIATED INHIBITION DISORDER, Patent, CHAPTER A Human Needs, The

Metrics

Publication: 36

Citation (WoS): 437

Citation (Scopus): 465

H-Index (WoS): 12

H-Index (Scopus): 13

Non Academic Experience

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