

Assoc. Prof. KEMAL SAYAR

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAI-2186-2020

ScopusID: 57189893896

Yoksis Researcher ID: 116826

Education Information

Expertise In Medicine, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 1995 - 1999

Undergraduate, Ankara University, Tıp Fakültesi, Tıp Pr., Turkey 1986 - 1995

Foreign Languages

English, C1 Advanced

Research Areas

Pharmacology and Clinical Pharmacology

Academic Titles / Tasks

Associate Professor, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2011 - Continues

Expert, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2003 - Continues

Expert, Gulhane Military Academy Of Medicine, Gülhane Military Faculty Of Medicine, Department Of Internal Medicine, 2001 - 2002

Expert, University of Massachusetts Boston, Üretim Yönetimi, Tıp, 1999 - 2000

Research Assistant, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1995 - 1999

Courses

Farmakoloji Ağız ve diş sağlığı, Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017

Farmakoloji Hemşirelik, Undergraduate, 2018 - 2019, 2017 - 2018, 2016 - 2017

Farmakoloji Anestezi, Associate Degree, 2018 - 2019, 2017 - 2018, 2016 - 2017

Farmakoloji - Anestezi yüksek okulu, Associate Degree, 2015 - 2016, 2014 - 2015

Farmaloloji - Hemşirelik, Undergraduate, 2015 - 2016

Farmakoloji - Ağız ve diş sağlığı, Associate Degree, 2015 - 2016

Farmakoloji - Hemşirelik fakültesi, Undergraduate, 2014 - 2015

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Effects of carbenoxolone, niflumic acid, NPPB and probenecid on P2X7 mediated YOPRO-1 and lucifer yellow influx in RAW 264.7 and mouse P2X7 transfected HEK 293 cells
SAYAR K., Cankurtaran-Sayar S., UĞUR M.
PURINERGIC SIGNALLING, vol.10, no.4, pp.760, 2014 (SCI-Expanded)
- II. Long and short distance movements of beta(2)-adrenoceptor in cell membrane assessed by photoconvertible fluorescent protein dendra2-beta(2)-adrenoceptor fusion
Kaya A. I., UĞUR Ö., Altuntas O., SAYAR K., ONARAN H. O.
BIOCHIMICA ET BIOPHYSICA ACTA-MOLECULAR CELL RESEARCH, vol.1813, no.8, pp.1511-1524, 2011 (SCI-Expanded)
- III. P2X7 receptor activates multiple selective dye-permeation pathways in RAW 264.7 and human embryonic kidney 293 cells
Cankurtaran-Sayar S., SAYAR K., UĞUR M.
Molecular Pharmacology, vol.76, no.6, pp.1323-1332, 2009 (SCI-Expanded)
- IV. Cell adhesion modulates 5-HT1D and P2Y receptor signal trafficking differentially in LTK-8 cells
ÇİÇEK F., UĞUR Ö., SAYAR K., UĞUR M.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.590, no.1-3, pp.12-19, 2008 (SCI-Expanded)
- V. Exploring allosteric coupling in the alpha-subunit of Heterotrimeric G proteins using evolutionary and ensemble-based approaches
SAYAR K., Ugur Ö., Liu T., Hilser V. J., ONARAN H. O.
BMC STRUCTURAL BIOLOGY, vol.8, 2008 (SCI-Expanded)
- VI. P2X7 receptors utilize different pathways for fluorescent dye uptake in different cell types
Ugur M., Cankurtaran S., Sayar K.
ACTA PHARMACOLOGICA SINICA, vol.27, pp.404, 2006 (SCI-Expanded)
- VII. Erythropoietin changes contractility, cAMP, and nitrite levels of isolated rat hearts
Kaygisiz Z., Erkasap N., YAZIHAN N., Sayar K., Ataoglu H., Uyar R., Ikizler M.
JOURNAL OF PHYSIOLOGICAL SCIENCES, vol.56, no.3, pp.247-251, 2006 (SCI-Expanded)
- VIII. Guanine nucleotide exchange-independent activation of G(s) protein by beta(2)-adrenoceptor
Ugur Ö., Oner S., Molinari P., Ambrosio C., Sayar K., ONARAN H. O.
MOLECULAR PHARMACOLOGY, vol.68, no.3, pp.720-728, 2005 (SCI-Expanded)
- IX. The effects of agonist stimulation and beta(2)-adrenergic receptor level on cellular distribution of Gs(alpha) protein
Can A., Sayar K., Friedman E., Ambrosio C., Erdemli E., GÜRDAL H.
CELLULAR SIGNALLING, vol.12, no.5, pp.303-309, 2000 (SCI-Expanded)
- X. Dietary selenium and vitamin E intakes alter beta-adrenergic response of L-type Ca-current and beta-adrenoceptor-adenylate cyclase coupling in rat heart
Sayar K., Ugur M., GÜRDAL H., ONARAN H. O., Hotomaroglu O., Turan B.
JOURNAL OF NUTRITION, vol.130, no.4, pp.733-740, 2000 (SCI-Expanded)
- XI. Effect of combination of misoprostol and indomethacin on eicosanoid production in carrageenan-induced air pouch inflammation in rats
Sayar K., Melli M.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.369, no.3, pp.365-371, 1999 (SCI-Expanded)
- XII. Effect of dietary selenium intake on beta-adrenoceptor-adenylyl cyclase coupling in the membranes of rat heart.
Sayar K., Ugur M., Turan B., Gurdal H., Onaran H.
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.358, no.1, 1998 (SCI-Expanded)
- XIII. Effect of dietary selenium intake on beta-adrenoceptor-adenylyl cyclase coupling in the membranes of rat heart.
Sayar K., Ugur M., Turan B., GÜRDAL H., ONARAN H. O.
NAUNYN-SCHMIEDEBERGS ARCHIVES OF PHARMACOLOGY, vol.358, no.1, 1998 (SCI-Expanded)

Articles Published in Other Journals

I. P2X7 Rezeptörü Aracılı Hücre Membran Geçirgenlik Artışı

CANKURTARAN SAYAR Ş., SAYAR K.

Ankara Üniversitesi Tıp Fakültesi Mecmuası, vol.71, no.1, 2018 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

I. P2X7 Rezeptörü Splays Varyantlarının Aktive Ettiği Membran Geçirgenlik Özelliklerinin Spektroskopik Olarak İncelenmesi

CANKURTARAN SAYAR Ş., SAYAR K., UĞUR M.

31. Ulusal Biyofizik Kongresi, Adana, Turkey, 9 - 12 October 2019

II. Advantages of Confocal Microscope in Investigation of Signal Mechanism of P2X7 Receptor

CANKURTARAN SAYAR Ş., SAYAR K.

2nd International Symposium on Innovative Approaches in Scientific Studies, 30 November - 02 December 2018

III. P2X7 Rezeptörünün Aktive Ettiği Geçirgenlik Yolaklarının Moleküler Biyolojik ve Farmakolojik Yöntemlerle Ayırıştırılması ve İncelenmesi

CANKURTARAN SAYAR Ş., SAYAR K., UĞUR M.

28.-29. Ulusal Biyofizik Kongresi, 2017, Turkey, 6 - 09 September 2017

IV. Nanokitosanın hücreye floresan boyalı girişine etkisi

GEÇER A., SAYAR Ş., SAYAR K., YILDIZ N., UĞUR M., TURAN B., ÇALIMLI A.

Dokuzuncu Ulusal Kimya Mühendisliği Kongresi, Ankara, Turkey, 22 - 25 June 2010, pp.639-640

Metrics

Publication: 18

Citation (WoS): 72

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