

Prof. ÖZLEM UĞUR

Personal Information

Mobile Phone: [+90 +90 536 883 2722](tel:+905368832722)

Office Phone: [+90 595 817 2](tel:+905958172)

Email: ougur@medicine.ankara.edu.tr

Web: <https://avesis.ankara.edu.tr/ougur>

Address: Hacettepe Mah. Ankara Üniversitesi Tıp Fakültesi, Morfoloji Kampüsü, Tıbbi Farmakoloji Ab.D. Sıhhiye, 06230

International Researcher IDs

ORCID: 0000-0002-5404-5242

Publons / Web Of Science ResearcherID: J-3169-2019

ScopusID: 7004170548

Yoksis Researcher ID: 116819

Education Information

Expertise In Medicine, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, Turkey 1990 - 1994

Undergraduate, Hacettepe University, Tıp Fakültesi, Tıp Pr., Turkey 1984 - 1990

Foreign Languages

English, C2 Mastery

Dissertations

Expertise In Medicine, Reseptör-G Proteini kenetinin Beta- Adrenerjik reseptör-G Proteini-Adenilat siklaz sisteminde incelenmesi ve bu kenetle ilgili sayısal modellerin irdelenmesi, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1994

Research Areas

Medicine

Academic Titles / Tasks

Professor, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 2006 - Continues

Associate Professor, Ankara University, Tıp Fakültesi, Dahili Tıp Bilimleri Bölümü, 1999 - 2006

Courses

Moleküler Farmakoloji, Expertise In Medicine, 2021 - 2022

DeneySEL Farmakoloji-6, Expertise In Medicine, 2021 - 2022, 2020 - 2021

OTONOM SİNİR SİSTEMİ FARMAKOLOJİSİ, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

GASTROİNTESTİNAL SİSTEM FARMAKOLOJİSİ, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

ANTİKOAGÜLAN, FİBRİNOLİTİK VE ANTİAGREGAN İLAÇLAR, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

HEMATOPOETİK SİSTEM FARMAKOLOJİSİ, Undergraduate, 2016 - 2017, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010, 2008 - 2009, 2007 - 2008, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

AKUT ZEHİRLENMELERDE ACİL YAKLAŞIM, Undergraduate, 2006 - 2007, 2005 - 2006, 2004 - 2005, 2003 - 2004, 2002 - 2003, 2001 - 2002, 2000 - 2001

Advising Theses

UĞUR Ö., Beta2-adrenerjik reseptör uyarısıyla oluşan adenilat siklaz aktivasyonu ve ERK fosforilasyonu yanıtlarının bronşiyal kökenli hücrelerde "ligand bias" bağlamında incelenmesi, Expertise In Medicine, T.GÜMÜŞTAŞ(Student), 2020

UĞUR Ö., XLalphas aracılı sinyal iletiminin incelenmesi, Doctorate, A.İLKAY(Student), 2009

UĞUR Ö., İnsan immünoglobülin G'sine karşı monoklonal antikor elde edilmesi, Postgraduate, A.ÜNSAL(Student), 2005

UĞUR Ö., Kaveolada β 2-AR-Gs-adenilat siklaz kenetinin incelenmesi, Expertise In Medicine, Ş.SADIK(Student), 2005

Jury Memberships

Committee Of Expert, Committee Of Expert, Akdeniz Üniversitesi, June, 2021

Associate Professor Exam, Associate Professor Exam, Erciyes Üniversitesi, May, 2021

Doctorate, Doctorate, Hacettepe Üniversitesi, January, 2021

Associate Professor Exam, Associate Professor Exam, Adıyaman Üniversitesi, December, 2020

Associate Professor Exam, Associate Professor Exam, Ordu Üniversitesi, September, 2018

Associate Professor Exam, Associate Professor Exam, Sağlık Bilimleri Üniversitesi, April, 2018

PhD Thesis Monitoring Committee Member, PhD Thesis Monitoring Committee Member, Hacettepe Üniversitesi, June, 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **A Mechanism-Based Approach to P2X7 Receptor Action**
UĞUR M., UĞUR Ö.
MOLECULAR PHARMACOLOGY, vol.95, no.4, pp.442-450, 2019 (SCI-Expanded)
- II. **Systematic errors in detecting biased agonism: Analysis of current methods and development of a new model-free approach**
ONARAN H. O., Ambrosio C., UĞUR Ö., Koncz E. M., Gro M. C., Vezzi V., Rajagopal S., Costa T.
SCIENTIFIC REPORTS, vol.7, 2017 (SCI-Expanded)
- III. **Cell Contact-dependent Functional Selectivity of beta(2)-Adrenergic Receptor Ligands in Stimulating cAMP Accumulation and Extracellular Signal-regulated Kinase Phosphorylation**
Kaya A. I., ONARAN H. O., Ozcan G., Ambrosio C., Costa T., Balli S., UĞUR Ö.
JOURNAL OF BIOLOGICAL CHEMISTRY, vol.287, no.9, pp.6362-6374, 2012 (SCI-Expanded)
- IV. **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)

- V. **beta(2)-Adrenoceptor, Gs and adenylate cyclase coupling in purified detergent-resistant, low density membrane fractions**
Oner S. S., Kaya A. I., ONARAN H. O., Ozcan G., Ugur O.
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.630, no.1-3, pp.42-52, 2010 (SCI-Expanded)
- VI. **Coupling of beta 2-Adrenoceptors to XL alpha(s) and G alpha(s): A New Insight into Ligand-Induced G Protein Activation**
Kaya A. I., Ugur Ö., Oener S. S., Bastepe M., ONARAN H. O.
JOURNAL OF PHARMACOLOGY AND EXPERIMENTAL THERAPEUTICS, vol.329, no.1, pp.350-359, 2009 (SCI-Expanded)
- VII. **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)
- VIII. **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)
- IX. **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)
- X. **Different structural requirements for the constitutive and the agonist-induced activities of the beta(2)-adrenergic receptor**
Ambrosio C., Molinari P., Fanelli F., Chuman Y., Sbraccia M., Ugur Ö., Costa T.
JOURNAL OF BIOLOGICAL CHEMISTRY, vol.280, no.25, pp.23464-23474, 2005 (SCI-Expanded)
- XI. **Partial rescue of functional interactions of a nonpalmitoylated mutant of the G-protein G alpha(s) by fusion to the beta-adrenergic receptor**
Ugur Ö., ONARAN H. O., Jones T.
BIOCHEMISTRY, vol.42, no.9, pp.2607-2615, 2003 (SCI-Expanded)
- XII. **Effect of diabetes and selenite on contractile responses and ss-adrenergic signaling in rat hearts**
ÖZDEMİR S., Ayaz M., Ugur Ö., Ugur M., Turan B.
JOURNAL OF MOLECULAR AND CELLULAR CARDIOLOGY, vol.34, no.6, 2002 (SCI-Expanded)
- XIII. **A proline-rich region and nearby cysteine residues target XL alpha s to the Golgi complex region**
Ugur Ö., Jones T.
MOLECULAR BIOLOGY OF THE CELL, vol.11, no.4, pp.1421-1432, 2000 (SCI-Expanded)
- XIV. **Amino-terminal cysteine residues of RGS16 are required for palmitoylation and modulation of G(i)- and G(q)-mediated signaling**
Druey K. M., Ugur O., Caron J. M., Chen C., Backlund P. S., Jones T. L. Z.
Journal of Biological Chemistry, vol.274, no.26, pp.18836-18842, 1999 (SCI-Expanded)
- XV. **Ca2+-induced inhibition of adenylyl cyclase in turkey erythrocyte membranes**
Demirel E., Ugur Ö., ONARAN H. O.
PHARMACOLOGY, vol.57, no.4, pp.222-228, 1998 (SCI-Expanded)
- XVI. **(S)-albuterol increases intracellular free calcium by muscarinic receptor activation and a phospholipase C dependent mechanism in airway smooth muscle**
Mitra S., Ugur M., Ugur Ö., Goodman H., McCullough J., Yamaguchi H.
MOLECULAR PHARMACOLOGY, vol.53, no.3, pp.347-354, 1998 (SCI-Expanded)
- XVII. **Allosteric equilibrium model explains steady-state coupling of beta-adrenergic receptors to adenylate cyclase in turkey erythrocyte membranes**
Ugur Ö., ONARAN H. O.

Scientific Refereeing

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Ege University, Turkey, June 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Fırat University, Turkey, June 2023

TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Tekirdağ Namik Kemal University, Turkey, June 2023

Metrics

Publication: 17

Citation (WoS): 341

Citation (Scopus): 435

H-Index (WoS): 11

H-Index (Scopus): 12