

## Assoc. Prof. GÖKÇEN TELLİ

### Personal Information

**Email:** gokcentelli@hacettepe.edu.tr

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### International Researcher IDs

ORCID: 0000-0003-0028-6769

Yoksis Researcher ID: 195556



### Education Information

Doctorate, Hacettepe University, Eczacılık Fak./ Sağlık Bilimleri Ens./Farmakoloji,  
Eczacılık/Farmakoloji, Turkey 2011 - 2017

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 2006 - 2011

### Foreign Languages

Spanish, A2 Elementary

English, B2 Upper Intermediate

### Certificates, Courses and Trainings

Other, Proje Geliştirme Eğitimi, Hacettepe Üniversitesi, 2018

Vocational Course, Deney Hayvanları Kullanım Sertifikası, Hacettepe Üniversitesi, 2012

### Dissertations

Doctorate, Normaksik ve kronik hipoksik sıçanlarda intermedin'in (IMD/AM2) pulmoner vasküler yatağa etkisinin araştırılması, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2017

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacology

### Academic Titles / Tasks

Associate Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2022 - Continues

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2013 - Continues

Research Assistant, Ege University, Faculty Of Pharmacy, Eczacılık Meslek Bilimleri Bölümü, 2017 - 2017

## Academic and Administrative Experience

Fakülte Öz Değerlendirme Komisyonu Üyesi, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2024 - Continues

Akademik Danışman (Farmasötik Gelişim Topluluğu), Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2023 - Continues

Faculty Management Board Member, Hacettepe University, Eczacılık Fakültesi, 2023 - Continues

Internship Committee Member, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2023 - Continues

## Courses

ECF 333 Farmakoloji III, Undergraduate, 2023 - 2024

EFR 609 Genel Farmakoloji, Postgraduate, 2023 - 2024

ECF 449 Farmakoloji V, Undergraduate, 2023 - 2024

ECF 227 Farmakoloji I, Undergraduate, 2023 - 2024

Tıbbi Terminoloji, Associate Degree, 2019 - 2020

Farmakoloji, Associate Degree, 2019 - 2020

İlaç Bilgisi I, Associate Degree, 2019 - 2020

İlaç Bilgisi II, Associate Degree, 2019 - 2020

## Taught Courses And Trainings

Telli G., Deney Hayvanları Kullanımı Modül-2 Kursu, 2019 - 2019

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Methylene Blue Attenuates Impaired Cognitive Functions and Reduces Hippocampal A $\beta$  Levels and Oxidative Stress in D-Galactose-Induced Alzheimer's Disease Mouse Model**  
Kazkayasi I., TELLİ G.  
Biology Bulletin, 2024 (SCI-Expanded)
- II. **The novel KV7 channel activator URO-K10 exerts enhanced pulmonary vascular effects independent of the KCNE4 regulatory subunit**  
Villegas-Esguevillas M., Cho S., Vera-Zambrano A., Kwon J. W., Barreira B., Telli G., Navarro-Dorado J., Morales-Cano D., de Olaiz B., Moreno L., et al.  
Biomedicine and Pharmacotherapy, vol.164, 2023 (SCI-Expanded)
- III. **Sigma-1 receptor modulation fine-tunes KV1.5 channels and impacts pulmonary vascular function**  
Vera-Zambrano A., Baena-Nuevo M., Rinné S., Villegas-Esguevillas M., Barreira B., TELLİ G., de Benito-Bueno A., Blázquez J. A., Climent B., Pérez-Vizcaino F., et al.  
Pharmacological Research, vol.189, 2023 (SCI-Expanded)
- IV. **Allopurinol treatment reduced vascular remodeling and improved vascular functions in monocrotaline-induced pulmonary hypertensive rats**  
Gokcen T., Inci K., Inci E. E., Sevgen O., Serdar U.  
Pulmonary Pharmacology and Therapeutics, vol.77, 2022 (SCI-Expanded)
- V. **Intranasal metformin treatment ameliorates cognitive functions via insulin signaling pathway in ICV-STZ-induced mice model of Alzheimer's disease**  
KAZKAYASI BÖLÜK İ., TELLİ G., NEMUTLU E., Uma S.  
LIFE SCIENCES, vol.299, 2022 (SCI-Expanded)

- VI. **Scutellaria brevibracteata Stapf and active principles with anti-inflammatory effects through regulation of NF- $\kappa$ B/COX-2/iNOS pathways**  
DOĞAN Z., TELLİ G., TEL B. C., SARAÇOĞLU İ.  
Fitoterapia, vol.158, 2022 (SCI-Expanded)
- VII. **The effects of allopurinol treatment in early period of monocrotaline-induced rat pulmonary hypertension model**  
TELLİ G., KAZKAYASI İ., Ergonul E. I., Uma S.  
BRITISH JOURNAL OF PHARMACOLOGY, vol.178, no.24, pp.4967-4968, 2021 (SCI-Expanded)
- VIII. **New 2-Pyrazoline and Hydrazone Derivatives as Potent and Selective Monoamine Oxidase A Inhibitors.**  
Salgin-Goksen U., Telli G., Eriksi A., Dedecengiz E., Tel B. C., Kaynak F. B., Yelekçi K., Uçar G., Gökhan Kelekçi N.  
Journal of medicinal chemistry, vol.64, no.4, pp.1989-2009, 2021 (SCI-Expanded)
- IX. **The effects of 5-hydroxytryptophan on carrageenan-induced mouse paw oedemas**  
TELLİ G., KAZKAYASI İ., Uma S.  
REVISTA DE NUTRICAÇÃO-BRAZILIAN JOURNAL OF NUTRITION, vol.34, 2021 (SCI-Expanded)
- X. **Investigation of the relationship between chronic montelukast treatment, asthma and depression-like behavior in mice**  
Tel B. C., Telli G., Onder S., Nemutlu E., Bozkurt T. E.  
EXPERIMENTAL AND THERAPEUTIC MEDICINE, vol.21, no.1, 2021 (SCI-Expanded)
- XI. **Mechanism of adrenomedullin 2/intermedin mediated vasorelaxation in rat main pulmonary artery**  
Telli G., Eraç Y., Tel B. C., Gumusel B.  
PEPTIDES, vol.103, pp.65-71, 2018 (SCI-Expanded)
- XII. **Effect of intermedin/adrenomedullin(2) on the pulmonary vascular bed in hypoxia-induced pulmonary hypertensive rats**  
Telli G., Tel B. C., Yersal N., Korkusuz P., Gumusel B.  
LIFE SCIENCES, vol.192, pp.62-67, 2018 (SCI-Expanded)
- XIII. **EFFECT OF THE G PROTEIN-COUPLED ESTROGEN RECEPTOR-1 (GPER-1) ON THE CONTROL OF PULMONARY ARTERIAL PRESSURE**  
Telli G., Tel B., Buyukafsar K., Gumusel B.  
BASIC & CLINICAL PHARMACOLOGY & TOXICOLOGY, vol.115, pp.21-22, 2014 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Anti-inflammatory effects of oral and intraperitoneal administration of cerium oxide nanoparticles on experimental hepatic ischemia-reperfusion injury**  
Zengin A., ERİKÇİ A., TELLİ G., GÜMÜŞEL B., KÖSEMEHMETOĞLU K., UÇAR G., ALGIN M. C.  
TURKISH JOURNAL OF SURGERY, vol.38, no.3, pp.255-265, 2022 (ESCI)
- II. **Evaluation of Anti-Inflammatory Activity of Metronidazole Treatment On Carrageenan Induced Paw Edema in Mice**  
Kazkayası Bölük İ., Telli G.  
FABAD JOURNAL OF PHARMACEUTICAL SCIENCES, vol.47, no.2, pp.175-182, 2022 (Scopus)
- III. **Acute hyperglycemia causes oxidative stress which is prevented by vitamin E pretreatment in healthy rabbits**  
KAZKAYASI İ., TELLİ G., BALCI ÖZYURT A., UMA M. S.  
JOURNAL OF RESEARCH IN PHARMACY, 2022 (Peer-Reviewed Journal)
- IV. **Acute hyperglycemia causes oxidative stress which is prevented by vitamin E pretreatment in healthy rabbits**  
Inci K., Gokcen T., Aylin B., Serdar U.  
JOURNAL OF RESEARCH IN PHARMACY, vol.26, no.3, pp.534-542, 2022 (ESCI)
- V. **The Role of Metformin and Aerobic Exercise on The Hepatic Ischemia-Reperfusion Injury in**

### **Streptozotocin-Induced Diabetic Mice**

TELLİ G., Telli-Atalay O.

JOURNAL OF RESEARCH IN PHARMACY, vol.26, no.3, pp.543-553, 2022 (ESCI)

- VI. **Thyrotropine releasing hormone accelerates wound healing in hyperglycemia induced mouse fibroblast cell line**  
DENİZALTI M., Kazkayasi I., TELLİ G.  
ISTANBUL JOURNAL OF PHARMACY, vol.51, no.3, pp.313-318, 2021 (ESCI)
- VII. **Higher alpha-synuclein aggregate density does not lead to more severe dopaminergic cell loss in the AAV-mediated overexpression model of Parkinson's Disease: A time-course study**  
TEL B. C., KAZKAYASI İ., TELLİ G., Cinar E., Mutluay S. U., YALÇIN ÇAKMAKLI G., SAKA TOPÇUOĞLU E., ELİBOL B.  
JOURNAL OF RESEARCH IN PHARMACY, vol.25, no.3, pp.352-358, 2021 (ESCI)
- VIII. **The Cardiopulmonary Effects of Calcitonin-Gene Related Peptide Family Kalsitonin-Geni İle İlişkili Peptit Ailesinin Kardiyopulmoner Etkileri**  
TELLİ G., TEL B. C., GÜMÜŞEL B.  
Turkish Journal of Pharmaceutical s, vol.17, pp.349-356, 2020 (ESCI)
- IX. **Effects of GPER-1 receptor activation on the reactivity of pulmonary vascular bed and its possible protective role on ischemia/reperfusion**  
Telli G., Tel B. C., Buyukafsar K., Gumusel B.  
JOURNAL OF RESEARCH IN PHARMACY, vol.22, no.3, pp.422-428, 2018 (ESCI)

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

- I. **The Effects of Allopurinol Treatment in Early Period of Monocrotaline-Induced Rat Pulmonary Hypertension Model**  
TELLİ G., KAZKAYASI İ., SOMUNCUOĞLU E. İ., UMA M. S.  
Pharmacology 2021-British Pharmacological Society, England, 07 September 2021
- II. **In vitro diyabetik koşullarda protirelinin fibroblast yara iyileşmesine etkisi**  
KAZKAYASI İ., DENİZALTI M., TELLİ G.  
International Eurasian Conference on BioTechnology and BioChemistry, Turkey, 16 December 2020
- III. **Anti-inflammatory activity of 5-hydroxytryptophan**  
TELLİ G., KAZKAYASI İ., UMA M. S.  
3rd International Eurasian Conference on Biological and Chemical Sciences, Turkey, 19 March 2020
- IV. **Investigation of the relationship between montelukast treatment, asthma and depression-like behavior in mice**  
TELLİ G., BOZKURT T. E., Onder S., NEMUTLU E., TEL B. C.  
European-Respiratory-Society (ERS) International Congress, Madrid, Spain, 28 September - 02 October 2019, vol.54
- V. **SIÇAN ANA PULMONER ARTERİNDE İNTERMEDİN/ADRENOMEDULLİN2 (IMD/AM2)'NİN HÜCRE İÇİ KALSİYUM KONSANTRASYONUNA ETKİSİNİN İNCELENMESİ**  
TELLİ G., ERAÇ Y., TEL B. C., GÜMÜŞEL B.  
24. Ulusal Farmakoloji Kongresi, Turkey, 17 - 20 October 2017
- VI. **The Role of Potassium Channels in The Relaxation Response of Intermedin/Adrenomedullin2 (IMD/AM2) in The Rat Pulmonary Artery**  
TELLİ G., TEL B. C., GÜMÜŞEL B.  
International Multidisciplinary Symposium on Drug Research and Development, 5 - 07 October 2017
- VII. **Intermedin/Adrenomedullin 2 (IMD/AM2) is a potent vasodilator in chronic hypoxia induced pulmonary hypertensive isolated rat lungs**  
TELLİ G., Kandilci H. B., TEL B. C., Gumusel B.  
Experimental Biology Meeting, California, United States Of America, 2 - 06 April 2016, vol.30
- VIII. **Antidepressant activity of novel selective monoamine oxidase A MAO A inhibitors 2 Pyrazoline**

### **derivatives synthesized with molecular modelling**

TELLİ G., Salgın Gökşen U., ERİKÇİ A., YABANOĞLU ÇİFTÇİ S., TEL B. C., YELEKÇİ K., UÇAR G., GÖKHAN KELEKÇİ N.  
International Multidisciplinary Symposium on Drug Research Development 2015, 15 - 17 October 2015

- IX. **Antidepressant activity of novel selective monoamine oxidase A inhibitors 2 Pyrazoline derivatives synthesized with molecular modeling**  
TELLİ G., salgın gökşen u., ERİKÇİ A., YABANOĞLU ÇİFTÇİ S., TEL B. C., YELEKÇİ K., UÇAR G.  
International Multidisciplinary Symposium on Drug Research & Development, 15 - 17 October 2015
- X. **MAO Inhibitory and Antidepressant Activities of Novel 2 Pyrazoline Derivatives**  
Salgın Gökşen U., TELLİ G., ERİKÇİ A., YABANOĞLU ÇİFTÇİ S., TEL B. C., UÇAR G., GÖKHAN KELEKÇİ N.  
Pharma Middle East, Dubai, United Arab Emirates, 2 - 04 November 2015
- XI. **Adeno ilişkili viral vektör aracılı Parkinson hastalığı modelinde dentat girusta aşırı alfasinüklein ifadesine bağlı bilişsel fonksiyon değişikliklerinin davranışsal ve histopatolojik değerlendirilmesi**  
ÇINAR E., YALÇIN ÇAKMAKLI G., Mutluay S. U., TELLİ G., KAZKAYASI İ., Ulusoy A., SAKA TOPÇUOĞLU E., ELİBOL B., TEL B. C.  
23. Ulusal Farmakoloji Kongresi, Turkey, 7 - 09 September 2015
- XII. **Does higher alpha-synuclein aggregate density lead to more severe dopaminergic cell loss in the AAV-mediated over-expression model of PD?**  
ÇINAR E., YALÇIN ÇAKMAKLI G., Mutluay S. U., TELLİ G., KAZKAYASI İ., ULUSOY A., SAKA TOPÇUOĞLU E., ELİBOL B.  
19th International of Parkinson's Disease and Movement Disorders, United States Of America, 14 June 2015
- XIII. **Cognitive dysfunction due to over expression of alpha synuclein in hippocampus by using viral vector based approach Modeling cognitive decline in PD**  
TEL B. C., YALÇIN ÇAKMAKLI G., ÇINAR E., Mutluay S. U., TELLİ G., SAKA TOPÇUOĞLU E., Ulusoy A., ELİBOL B.  
Movement Disorders Society Meeting 2015, 14 - 18 June 2015
- XIV. **Cognitive dysfunction due to over-expression of alpha-synuclein in hippocampus by using viral vector based approach: Modeling cognitive decline in PD**  
Tel B., Cakmakli G. Y., Cinar E., Mutluay S. U., Telli G., Saka E., Ulusoy A., Elibol B.  
19th International Congress of Parkinson's Disease and Movement Disorders, California, United States Of America, 14 - 18 June 2015, vol.30
- XV. **Does higher alpha synuclein aggregate density lead to more severe dopaminergic cell loss in AAV mediated over expression model of PD**  
YALÇIN ÇAKMAKLI G., ÇINAR E., Mutluay S. U., TELLİ G., KAZKAYASI İ., TEL B. C., Ulusoy A., SAKA TOPÇUOĞLU E., ELİBOL B.  
Neurizon 2015, 26 - 29 May 2015
- XVI. **Effect on G protein coupled estrogen receptor 1 GPER 1 on the control of pulmonary arterial pressure**  
Telli G., Tel B. C., Büyükaşar K., Gümüşel B.  
17th World Congress of Basic and Clinical Pharmacology, Cape-Town, South Africa, 13 - 18 July 2014, pp.68
- XVII. **Hipokampüste AAV-aracılı alfa-sinüklein aşırı ifadesi ile PH modelinde kognitif değişiklikler oluşturulabilir mi?**  
Yalçın Çakmaklı G., Çınar E., Kazkayası İ., Telli G., Mutluay S. U., Saka Topçuoğlu E., Ulusoy A., Elibol B., Tel B. C.  
12. Ulusal Sinirbilim Kongresi, İstanbul, Turkey, 28 - 31 May 2014, vol.77, pp.17

### **Supported Projects**

KUTLUAY V. M., DOĞAN Z., PEHLİVAN S., AYTEKİN E., TELLİ G., Project Supported by Higher Education Institutions, Alzheimer Hastalığında Kullanılabilecek Yeni Bir Doğal Kaynak Prunella vulgaris L ve Etkin Bileşikleri Tübitak Proje No 121S491Ek Bütçe Desteği, 2023 - Continues

METAN G., TELLİ G., HAZIROLAN G., AKOVA M., SARICAOĞLU T., TELLİ DİZMAN G., ZARAKOL I. P., Project Supported by Higher Education Institutions, Piperasilin tazobaktam ve karbapenem kullanımının karbapeneme dirençli gram negatif bakteriler ile fekal kolonizasyon gelişmesi üzerinde etkisinin karşılaştırılması, 2022 - Continues

TELLİ G., Project Supported by Higher Education Institutions, Voltajbağımlı potasyum kanalları alt ailesi üyesi 4 KCNE4 geninin sağlıklı ve pulmoner hipertansif dişi ve erkek sıçanların pulmoner düz kas hücrelerindeki düzeylerinin karşılaştırılması, 2023 - 2024

İNKAYA A. Ç., TELLİ G., UZUN M., ZEYBEK N. D., AYDIN S., Project Supported by Higher Education Institutions, Dolutegravir ve Doravirinin Sirtuinler Aracılığıyla Yağ Doku Bejleşmesine Etkileri, 2023 - 2024

TELLİ G., KAZKAYASI İ., DENİZALTI M., TİMUR S. S., Project Supported by Higher Education Institutions, Streptozotosin ile İndüklenen Diyabet Geliştirilen Farelerde Tirotropin Salgılatıcı Hormonun Topikal Uygulamasının Yara İyileşmesine Etkisi, 2021 - 2023

UMA M. S., ÖNDER S. Ç., TELLİ G., KAZKAYASI İ., SOMUNCUOĞLU E. İ., Project Supported by Higher Education Institutions, Monokrotalin İle İndüklenen Sıçan Pulmoner Hipertansiyon Modelinde Allopurinol Tedavisinin Etkisi, 2020 - 2022

KAZKAYASI İ., TELLİ G., TUBITAK Project, İnteralebroventriküler Streptozotosin Uygulaması ile Alzheimer Hastalığı Oluşturulmuş Farelerde İntranazal Metformin Tedavisi, 2020 - 2021

Doğan Z., Saraçoğlu İ., Telli G., Tel B. C., TUBITAK Project, Endemik Scutellaria Rubicunda Hornem. Subsp. Brevibracteata J.R.Edm. Bitkisinin Antienflamatuvar Etkisinin Araştırılması ve Muhtemel Etki Mekanizmasının Açıklanması, 2019 - 2020

TEL B. C., MUTLUAY S. U., ELİBOL B., YABANOĞLU ÇİFTÇİ S., BAYSAL İ., YALÇIN ÇAKMAKLI G., KAZKAYASI İ., TELLİ G., YÜRÜKER A. C. S., SAKA TOPÇUOĞLU E., et al., Project Supported by Higher Education Institutions, Bazal gangliyonlarda ve limbik kortekste viral vektör aracılı alfa sinüklein aşırı ifadesine dayalı Parkinson hastalığı modelinde motor ve davranışsal değişikliklerin patoloji ile karşılaştırmalı olarak incelenmesi ve bu modelde rapamisin uygulamasının etkisinin araştırılması, 2015 - 2019

GÜMÜŞEL B., TELLİ G., KANDİLCİ H. B., TEL B. C., Project Supported by Higher Education Institutions, Sıçan ana pulmoner arterinde intermedinin etki mekanizmasının incelenmesi, 2016 - 2017

GÖKHAN KELEKÇİ N., UÇAR G., YABANOĞLU ÇİFTÇİ S., TEL B. C., ERİKÇİ A., TELLİ G., SALGIN GÖKŞEN U., Project Supported by Higher Education Institutions, Yeni 2-Pirazolin Türevlerinin MAO İnhibitör ve Antidepresan Aktiviteleri, 2015 - 2016

## Activities in Scientific Journals

FABAD Journal of Pharmaceutical Sciences, Committee Member, 2021 - Continues

## Memberships / Tasks in Scientific Organizations

Turkish Pharmacological Society, Secretary General, 2024 - Continues, Turkey

## Metrics

Publication: 39

Citation (WoS): 55

Citation (Scopus): 60

H-Index (WoS): 5

H-Index (Scopus): 6

## Non Academic Experience

Madrid Complutense University Faculty of Medicine

Monitor Medical Research and Consulting Ltd.