

## Assoc. Prof. BANU CAHİDE TEL

### Personal Information

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### International Researcher IDs

ORCID: 0000-0001-5453-1294

Yoksis Researcher ID: 111651

### Education Information

Doctorate, University of London-Kings College London, Neurodegenerative Disease Research Centre, Pharmacology, United Kingdom 1996 - 2006

Postgraduate, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmakoloji, Turkey 1991 - 1994

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 1986 - 1991

### Foreign Languages

English, C2 Mastery

### Dissertations

Doctorate, Biochemical changes in basal ganglia output pathways following chronic administration of L-DOPA and dopamine agonists to MPTP-treated marmosets, University of London-Kings College London, NDRC Neurodegenerative Diseases Research Centre, 2006

Postgraduate, 3-Piridiletıl-6-açıl-benzoksazolinon türevlerinin analjezik ve antiinflatuvar aktivitelerinin araştırılması, Hacettepe University, Sağlık Bilimleri Enstitüsü, Farmakoloji A.B.D., 1994

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmacology

### Academic Titles / Tasks

Associate Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2021 - Continues

Assistant Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2018 - Continues

Assistant Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2010 - 2018

Lecturer, Lund University, Medical School, Brains Unit, 2009 - 2010

Lecturer PhD, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2006 - 2010

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1991 - 2006

Research Assistant, University of London-Kings College London, Gkt School Of Biomedical Sciences, Wolfson Centre For

Age-Related Diseases, 1996 - 2002

## Academic and Administrative Experience

Enstitü Yönetim Kurulu Üyesi, Hacettepe University, Sağlık Bilimleri Enstitüsü, 2022 - Continues  
Hacettepe Üniversitesi, Deneş Hayvanları Uygulama Ve Araştırma Merkezi, 2015 - Continues  
Ethics Committee Member, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2012 - Continues  
Erasmus Coordinator, Hacettepe University, Eczacılık Fakültesi, 2014 - 2019  
Fakülte Kurulu Üyesi, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2013 - 2016  
Program Başkanı, Hacettepe University, Polatlı Sağlık Hizmetleri Meslek Yüksekokulu, Tıbbi Mümessillik ve Pazarlama Programı, 2008 - 2012

## Courses

Akılci İlaç Kullanımı, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018  
Farmakoloji II, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Farmakoloji IV, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Farmakoloji III, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Farmakoloji I, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016  
Farmakoloji V, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

## Advising Theses

Tel B. C., Sıçan Parkinson hastalığı modelinde hipokampus CA2 bölgesinin sosyal bellek bozukluğundaki rolüHipokampus, Postgraduate, A.ALGALI(Student), 2022  
Tel B. C., Sıçanlarda adeno ilişkili viral vektör aracılı gerçekleştirilen nigral ve hipokampal alfasinükleinopati modelinde rapamisinin etkileri, Doctorate, E.ÇINAR(Student), 2018  
Tel B. C., Bazal ganglia ve hipokampuse unilateral aav-aracılı alfa-sinükleinin enjeksiyonu ile oluşturulan parkinson hastalığı modelinin davranışsal ve patolojik olarak değerlendirilmesi, Postgraduate, S.UĞUR(Student), 2017  
Gümüşel B., Tel B. C., Normoksik ve pulmoner hipertansif sıçanlarda intermedin/ adrenomedullin2'nin (IMD/AM2) pulmoner vasküler yatağa etkisinin incelenmesi, Doctorate, G.TELLİ(Student), 2017

## Advising Graduates (Non-Thesis)

Tel B. C., Jenerik İlaçların Ruhsatlandırması Sırasında Biyodeşdeğerlik Açısından Karşılaşılan Problemler, Masters (Non-Thesis), E.Çağlan(Student), 2018

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

1. Donepezil-loaded PLGA-b-PEG Nanoparticles Enhance the Learning and Memory Function of Beta-Amyloid Rat Model of Alzheimer's Disease Donepezil Yüklü PLGA-b-PEG Nanopartiküller Beta-Amiloid Alzheimer Hastalığı Sıçan Modelinde Öğrenme ve Hafızayı Geliştirir

ÇINAR E., Mutluay S. U., BAYSAL İ., Gültekinoglu M., ULUBAYRAM K., Çiftçi S. Y., TEL B. C., UÇAR G.  
Noropsikiyatri Arsivi, vol.59, no.4, pp.281-289, 2022 (SCI-Expanded)

**II. Neuroinflammation in Parkinson's Disease and its Treatment Opportunities**

Cinar E., TEL B. C., Sahin G.

BALKAN MEDICAL JOURNAL, vol.39, no.5, pp.318-333, 2022 (SCI-Expanded)

**III. 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)

**IV. New 2-Pyrazoline and Hydrazone Derivatives as Potent and Selective Monoamine Oxidase A Inhibitors.**

Salgin-Goksen U., Telli G., Erikci 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)

**V. 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)

**VI. Modelling cognitive deficits in Parkinson's disease: Is CA2 a gateway for hippocampal synucleinopathy?**

Cinar E., Yalcin-Cakmakli G., Saka E., Ulusoy A., Yuruker S., ELİBOL B., TEL B. C.

EXPERIMENTAL NEUROLOGY, vol.330, 2020 (SCI-Expanded)

**VII. 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)

**VIII. 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)

**IX. Design and Synthesis of 1,2,4-Triazolo[3,2-b]-1,3,5-thiadiazine Derivatives as a Novel Template for Analgesic/Anti-Inflammatory Activity**

Sert-Ozgun S., TEL B. C., Somuncuoglu E. I., KAZKAYASI İ., Ertan M., Tozkoparan B.

ARCHIV DER PHARMAZIE, vol.350, no.7, 2017 (SCI-Expanded)

**X. Parkinson's Disease**

TEL B. C., YALÇIN ÇAKMAKLI G.

NANOTECHNOLOGY METHODS FOR NEUROLOGICAL DISEASES AND BRAIN TUMORS: DRUG DELIVERY ACROSS THE BLOOD-BRAIN BARRIER, pp.241-269, 2017 (SCI-Expanded)

**XI. Novel thiazolo[3,2-b]-1,2,4-triazoles derived from naproxen with analgesic/anti-inflammatory properties: Synthesis, biological evaluation and molecular modeling studies**

SARIGOL D., UZGOREN-BARAN A., TEL B. C., Somuncuoglu E. İ., KAZKAYASI İ., OZADALI-SARI K., UNSAL-TAN O., Okay G., Ertan M., Tozkoparan B.

BIOORGANIC & MEDICINAL CHEMISTRY, vol.23, no.10, pp.2518-2528, 2015 (SCI-Expanded)

**XII. Thiazolo[3,2-b]-1,2,4-triazole-5(6H)-one substituted with ibuprofen: Novel non-steroidal anti-inflammatory agents with favorable gastrointestinal tolerance**

Uzgoren-Baran A., TEL B. C., SARIGOL D., Ozturk E. I., KAZKAYASI İ., Okay G., Ertan M., Tozkoparan B.

EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.57, pp.398-406, 2012 (SCI-Expanded)

**XIII. Continuous subcutaneous infusion of pramipexole protects against lipopolysaccharide-induced dopaminergic cell death without affecting the inflammatory response**

Iravani M. M., Sadeghian M., Leung C., TEL B. C., Rose S., Schapira A. H., Jenner P.

EXPERIMENTAL NEUROLOGY, vol.212, no.2, pp.522-531, 2008 (SCI-Expanded)

**XIV. Modafinil prevents the MPTP-induced increase in GABA(A) receptor binding in the internal globus pallidus of MPTP-treated common marmosets**

- Zeng B., Smith L., Pearce R., Tel B. C., Chancharme L., Moachon G., Jenner P.  
NEUROSCIENCE LETTERS, vol.354, no.1, pp.6-9, 2004 (SCI-Expanded)
- XV. **Increased neuropeptide Y mRNA expression in striatum in Parkinson's disease**  
Cannizzaro C., Tel B. C., Rose S., Zeng B., Jenner P.  
MOLECULAR BRAIN RESEARCH, vol.110, no.2, pp.169-176, 2003 (SCI-Expanded)
- XVI. **Repeated administration of piribedil induces less dyskinesia than L-dopa in MPTP-treated common marmosets: A behavioural and biochemical investigation**  
Smith L., Tel B. C., Jackson M., Hansard M., Braceras R., Bonhomme C., Chezaubernard C., Del Signore S., Rose S., Jenner P.  
MOVEMENT DISORDERS, vol.17, no.5, pp.887-901, 2002 (SCI-Expanded)
- XVII. **6-hydroxydopamine lesioning differentially affects alpha-synuclein mRNA expression in the nucleus accumbens, striatum and substantia nigra of adult rats**  
Zeng B., Dass B., Owen A., Rose S., Cannizzaro C., Tel B. C., Jenner P.  
NEUROSCIENCE LETTERS, vol.322, no.1, pp.33-36, 2002 (SCI-Expanded)
- XVIII. **Alterations in striatal neuropeptide mRNA produced by repeated administration of L-dopa, ropinirole or bromocriptine correlate with dyskinesia induction in MPTP-treated common marmosets**  
Tel B. C., Zeng B., Cannizzaro C., Pearce R., Rose S., Jenner P.  
NEUROSCIENCE, vol.115, no.4, pp.1047-1058, 2002 (SCI-Expanded)
- XIX. **GDNF reverses priming for dyskinesia in MPTP-treated, L-DOPA-primed common marmosets**  
Iravani M., Costa S., Jackson M., Tel B. C., Cannizzaro C., Pearce R., Jenner P.  
EUROPEAN JOURNAL OF NEUROSCIENCE, vol.13, no.3, pp.597-608, 2001 (SCI-Expanded)
- XX. **Antiparkinsonian and neuroprotective effects of modafinil in the mptp-treated common marmoset**  
Jenner P., Zeng B., Smith L., Pearce R., Tel B. C., Chancharme L., Moachon G.  
EXPERIMENTAL BRAIN RESEARCH, vol.133, no.2, pp.178-188, 2000 (SCI-Expanded)
- XXI. **Chronic L-DOPA treatment increases striatal cannabinoid CB1 receptor mRNA expression in 6-hydroxydopamine-lesioned rats**  
Zeng B., Dass B., Owen A., Rose S., Cannizzaro C., Tel B. C., Jenner P.  
NEUROSCIENCE LETTERS, vol.276, no.2, pp.71-74, 1999 (SCI-Expanded)
- XXII. **Synthesis of some new pyridyl-ethylated benzoxazolinones with analgesic and anti-inflammatory activities**  
Palaska E., Gokhan N., Erdogan H., Tel B. C., Demirdamar R.  
ARZNEIMITTELFORSCHUNG-DRUG RESEARCH, vol.49, no.9, pp.754-758, 1999 (SCI-Expanded)
- XXIII. **Polyphenolic compounds of Sideritis lycia and their anti-inflammatory activity**  
AKCOS Y., Ezer N., Calis I., DEMIRDAMAR R., Tel B. C.  
PHARMACEUTICAL BIOLOGY, vol.37, no.2, pp.118-122, 1999 (SCI-Expanded)
- XXIV. **High efficiency gene transfer to the central nervous system of rodents and primates using herpes virus vectors lacking functional ICP27 and ICP34.5**  
Howard M., Kershaw T., Gibb B., Storey N., MacLean A., Zeng B., Tel B. C., Jenner P., Brown S., Woolf C., et al.  
GENE THERAPY, vol.5, no.8, pp.1137-1147, 1998 (SCI-Expanded)
- XXV. **Role of endotoxin and nitric oxide in the pathogenesis of renal failure in obstructive jaundice**  
Inan M., Sayek I., Tel B. C., SahinErdemli I.  
BRITISH JOURNAL OF SURGERY, vol.84, no.7, pp.943-947, 1997 (SCI-Expanded)
- XXVI. **Reactive oxygen species-induced impairment of endothelium-dependent relaxation in rat aortic rings: Protection by L-arginine**  
Gumusel B., Tel B. C., Demirdamar R., SahinErdemli I.  
EUROPEAN JOURNAL OF PHARMACOLOGY, vol.306, pp.107-112, 1996 (SCI-Expanded)
- XXVII. **Analgesic and antiinflammatory activity screening of 6-acyl-3-piperazinomethyl-2-benzoxazolinone derivatives**  
Gokhan N., Erdogan H., Tel B. C., Demirdamar R.  
EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, vol.31, pp.625-628, 1996 (SCI-Expanded)

- XXVIII. **THE PULMONARY VASCULAR-RESPONSE TO PROPOFOL IN THE ISOLATED-PERFUSED RAT LUNG**  
ERDEMLİ O., TEL B. C., GUMUSEL B., SAHINERDEMLİ I.  
EUROPEAN JOURNAL OF ANAESTHESIOLOGY, vol.12, no.6, pp.617-623, 1995 (SCI-Expanded)

### Articles Published in Other Journals

- I. **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)
- II. **Modelling Non-motor Symptoms of Parkinson's Disease: AAV Mediated Overexpression of Alpha-synuclein in Rat Hippocampus and Basal Ganglia**  
Mutluay S. U., Cinar E., Cakmakli G. Y., Ulusoy A., ELİBOL B., TEL B. C.  
TURKISH JOURNAL OF NEUROLOGY, vol.26, no.4, pp.322-329, 2020 (ESCI)
- III. **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)
- IV. **Motor Dysfunction and Related Synaptic Organisation in AVV-Mediated Alpha-Synuclein Overexpression Model of Parkinson's Disease AAV-aracılı alfa-sinüklein aşırı ifadesi ile sağlanan parkinson hastalığı modelinde motor bozukluklar ve ilişkili sinaptik organizasyon**  
Cinar E., YALÇIN ÇAKMAKLI G., TEL B. C.  
Hacettepe University Journal of the Faculty of Pharmacy, vol.40, no.2, pp.74-82, 2020 (Scopus)
- V. **Neuroprotective Treatments in Parkinson's Disease**  
ÇINAR E., YALÇIN ÇAKMAKLI G., TEL B. C.  
Turkish Journal of Neurology, vol.25, no.4, pp.189-197, 2019 (ESCI)
- VI. **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)
- VII. **Serbest Eczanelerde İlaç Sunumu Sürecinde Karşılaşılan Sorunlar Akılcı İlaç Kullanımı Yönünden Değerlendirme**  
AKICI A., ALP YILDIRIM F. İ., Ayanoğlu Dülger G., ELÇİOĞLU H. K., GÜMÜŞEL B., KABASAKAL L., Gündüz Ö., KALELİ DURMAN D., KELİCEN UĞUR E. P., KERRY Z., et al.  
Hacettepe University Journal of the Faculty of Pharmacy, pp.75-81, 2009 (Scopus)

### Books & Book Chapters

- I. **Parkinson's Disease**  
Tel B. C., Yalçın Çakmaklı G.  
in: Nanotechnology Methods for Neurological Diseases and Brain Tumors: Drug Delivery across the Blood-Brain Barrier, Gürsoy-Özdemir Yasemin, Bozdağ-Pehlivan Sibel, Sekerdağ Emine, Editor, Academic Press , Londrina, pp.241-269, 2017

### Refereed Congress / Symposium Publications in Proceedings

- I. **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

- II. **The Behavioral Changes Of Donepezil-Loaded Plga-B-Peg Nanoparticles On Beta-Amyloid 25–35 Injected Rat Model Of Alzheimer’s Disease.**  
ÇINAR E., TEL B. C., BAYSAL İ., GÜLTEKİNOĞLU M., ULUBAYRAM K., YABANOĞLU ÇİFTÇİ S., UÇAR G.  
International Multidisciplinary Symposium on Drug Research Development (DRD 2019), 1 - 03 July 2019
- III. **RAPAMYCIN TREATMENT ENHANCES COGNITIVE FUNCTION IN THE AAV-MEDIATED HIPPOCAMPAL ALPHA-SYNUCLEINOPATHY IN RAT**  
Çınar E., Yalçın Çakmaklı G., Saka Topçuoğlu E., Tel B. C., Elibol B.  
14th International Conference on Alzheimer’s and Parkinson’s Diseases AD/PD 2019, Lisbon, Portugal, 26 - 31 March 2019
- IV. **A promising model for cognitive dysfunction in Parkinson’s Disease by AAV-mediated alpha-synuclein overexpression in hippocampus**  
Yalçın Çakmaklı G., Çınar E., Saka Topçuoğlu E., Ulusoy A., Tel B. C., Elibol B.  
International Congress of Parkinson’s Disease and Movement Disorders, Victoria-City, Hong Kong, 5 - 09 October 2018, vol.33, pp.586
- V. **A promising model for cognitive dysfunction in Parkinson’s Disease by AAV-mediated alpha-synuclein overexpression in hippocampus**  
Çınar E., Yalçın Çakmaklı G., Saka Topçuoğlu E., Tel B. C., Elibol B.  
22nd International Congress of Parkinson’s Disease and Movement Disorders (MDS), Victoria-City, Hong Kong, 5 - 09 October 2018
- VI. **Synaptic loss predominates neuronal loss in a PD model of AAV-mediated alpha-synuclein overexpression in hippocampus and striatum**  
ÇINAR E., YALÇIN ÇAKMAKLI G., SAKA TOPÇUOĞLU E., ELİBOL B., TEL B. C.  
18th World Congress of Basic and Clinical Pharmacology (WCP2018), 1 - 06 July 2018
- VII. **AVV-aracılı Alfa-sinüklein Aşırı İfadesine Dayalı Parkinson Hastalığı Sıçan Modelinde Motor ve Non-motor Belirtiler**  
ÇINAR E., YALÇIN ÇAKMAKLI G., TEL B. C., SAKA TOPÇUOĞLU E., ELİBOL B.  
Ulusal Sinirbilim Kongresi, Turkey, 20 - 23 May 2018
- VIII. **AVV-aracılı Parkinson hastalığı alfa-sinüklein sıçan modelinde motor ve non-motor belirtiler**  
Çınar E., Yalçın Çakmaklı G., Tel B. C., Saka Topçuoğlu E., Elibol B.  
16. Ulusal Sinirbilim Kongresi, İstanbul, Turkey, 20 - 23 May 2018, pp.102
- IX. **AAV-aracılı Alfa-sinükleinopati Modelinde Zamana Bağlı Motor Değişiklikler**  
ÇINAR E., TEL B. C., YALÇIN ÇAKMAKLI G., SAKA TOPÇUOĞLU E., ELİBOL B.  
HÜCRE ÖLÜMÜ ARAŞTIRMA DERNEĞİ ULUSLARARASI KATILIMLI NÖROREJENERASYON / NÖROREJENERASYON ÇALIŞTAYI, Turkey, 4 - 05 May 2018
- X. **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
- XI. **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
- XII. **New Bis Mannich Bases of 1,2,4-Triazoles with Analgesic/Anti-inflammatory Activities**  
SERT OZGUR S., TEL B. C., KAZKAYASI İ., SOMUNCUOĞLU E. İ., Ertan M., TOZKOPARAN B.  
AIMECS2017, Chemistry in Drug Discovery, Design and Development, 23 - 27 July 2017
- XIII. **Motor dysfunction in AVV-mediated alpha-synuclein overexpression model of Parkinsonism in relation to synaptic organization in striatum**  
Çınar E., Yalçın Çakmaklı G., Tel B. C., Elibol B.

The 13th International Conference on Alzheimer's and Parkinson's Diseases and Related Neurological Disorders, AD/PD™ 2017, Vienna, Austria, 29 March - 02 April 2017

- XIV. **Hippocampal adeno associated viral vector mediated alpha synuclein overexpression A promising model for recapitulating cognitive involvement in Parkinson s disease**  
ÇINAR E., YALÇIN ÇAKMAKLI G., Mutluay S. U., SAKA TOPÇUOĞLU E., Ulusoy A., TEL B. C., ELİBOL B.  
Society for Neuroscience, Neuroscience 2016, 12 - 16 November 2016
- XV. **Hippocampal AAV mediated alpha synuclein overexpression leads to synaptic and neuronal loss with minor cognitive deficits as a Parkinson s disease model in rats**  
ÇINAR E., YALÇIN ÇAKMAKLI G., Mutluay S. U., SAKA TOPÇUOĞLU E., Ulusoy A., TEL B. C., ELİBOL B.  
10th FENS Forum of Neuroscience, 2 - 06 July 2016
- XVI. **Unilateral AAV mediated alpha synuclein overexpression model of Parkinson disease s to study motor and cognitive dysfunction**  
TEL B. C., Mutluay S. U., ÇINAR E., YALÇIN ÇAKMAKLI G., SAKA TOPÇUOĞLU E., Ulusoy A., ELİBOL B.  
6th European Congress of Pharmacology Meeting EPHAR 2016, 26 - 30 June 2016
- XVII. **Unilateral AAV aracılı alfa sinüklein aşırı ifadesi ile oluşturulan PH modelinde motor ve bilişsel değişiklikler**  
TEL B. C., Mutluay S. U., ÇINAR E., YALÇIN ÇAKMAKLI G., SAKA TOPÇUOĞLU E., Ulusoy A., ELİBOL B.  
14. Ulusal Sinirbilim Kongresi, Turkey, 26 - 29 May 2016
- XVIII. **Hacettepe Üniversitesi Eczacılık Fakültesi Lisans Programı ve Bologna Süreci Çalışmaları**  
ERDOĞAN S., TEL B. C., SÜSLÜ İ., YABANOĞLU ÇİFTÇİ S., SÖZEN ŞAHNE B., SAYGILI N., ERCİL D., ELDEM T., ÇANKAYA İ. İ., TOZKOPARAN B., et al.  
I. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Turkey, 9 - 10 May 2016
- XIX. **Hacettepe Üniversitesi Eczacılık Fakültesi Lisans Programı ve Bologna süreci çalışmaları**  
ERDOĞAN S., TEL B. C., SÜSLÜ İ., YABANOĞLU ÇİFTÇİ S., SÖZEN ŞAHNE B., SAYGILI N., ERCİL D., ELDEM T., Tatl Çankaya İ., TOZKOPARAN B., et al.  
I. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Turkey, 9 - 10 May 2016
- XX. **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
- XXI. **Novel 1,2,4-Triazole-based bicyclic derivatives bearing naproxen moiety as analgesic/anti-inflammatory agents**  
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- XXII. **Antidepressant activity of novel selective monoamine oxidase A MAO A inhibitors 2 Pyrazoline derivatives synthesized with molecular modelling**  
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## Supported Projects

Esendağlı G., Öztürk S. C., Karataş Kürşun H., Çetin E., Gökşen S., Tel B. C., Ünver N., Erol T., Project Supported by Higher Education Institutions, Deneysel hayvan çalışmalarına yönelik bilimsel işleyiş platformlarının oluşturulması ve sınanması, 2021 - 2022

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

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## Metrics

Publication: 74

Citation (WoS): 697

Citation (Scopus): 770

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## Non Academic Experience

Ministry, TİTCK, Biyoyararlanım/Biyoesdeğerlik Komisyonu

SAĞLIK BAKANLIĞI TİTCK

Lund University BRAINS Unit

Lund University BRAINS Unit

King's College London