

# **Prof. Dr. GÜLBERK UÇAR**

## **Kişisel Bilgiler**

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## **Eğitim Bilgileri**

Doktora, Hacettepe Üniversitesi, Eczacılık Fakültesi, Biyokimya Anabilim Dalı, Türkiye 1983 - 1991

Yüksek Lisans, Hacettepe Üniversitesi, Eczacılık Fakültesi, Biyokimya Anabilim Dalı, Türkiye 1979 - 1983

Lisans, Hacettepe Üniversitesi, Eczacılık Fakültesi, Türkiye 1975 - 1979

## **Yabancı Diller**

İngilizce, C1 İleri

Fransızca, B2 Orta Üstü

## **Araştırma Alanları**

Yaşam Bilimleri, Biyokimya, Biyomoleküller, Enzimoloji, Nörobiyoloji, Temel Bilimler

## **Akademik Unvanlar / Görevler**

Prof. Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2005 - Devam Ediyor

Doç. Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1996 - 2005

Yrd. Doç. Dr., Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1992 - 1996

Araştırma Görevlisi, Hacettepe Üniversitesi, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 1981 - 1992

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- VII. **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 Nanopartiküler Beta-Amiloid Alzheimer Hastalığı Sıçan Modelinde Öğrenme ve Hafızayı Geliştirir**  
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- IX. **Brain permeable curcumin-based pyrazoline analogs: MAO inhibitory and antioxidant activity**  
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- XI. **Effects of Probiotic Bacteria on Central Neuronal Activation in Experimental Colitis**  
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- XIV. **Identification of Phenolic Compounds by LC-MS/MS and Evaluation of Bioactive Properties of Two Edible Halophytes: Limonium effusum and L. sinuatum**  
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- XVI. **New 2-Pyrazoline and Hydrazone Derivatives as Potent and Selective Monoamine Oxidase A Inhibitors.**  
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- XIX. **Synthesis, molecular modelling and biological activity of some pyridazinone derivatives as selective human monoamine oxidase-B inhibitors**  
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Gunal S. E., Tuncel S. T., GÖKHAN KELEKÇİ N., UÇAR G., Dursun B. Y., ERDEM S., Dogan I.  
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- XXV. **Characterization of Thienylchalcones as hMAO-B Inhibitors: Synthesis, Biochemistry and Molecular**

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### **XXVI. Monoamine oxidase inhibitory activity of methoxy-substituted chalcones**

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### **XXX. Donepezil loaded PLGA-b-PEG nanoparticles: their ability to induce destabilization of amyloid fibrils and to cross blood brain barrier in vitro**

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### **XXXI. New Human Monoamine Oxidase A Inhibitors with Potential Anti-Depressant Activity: Design, Synthesis, Biological Screening and Evaluation of Pharmacological Activity.**

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### **XXXII. Design, Synthesis and hMAO Inhibitory Screening of Novel 2-Pyrazoline Analogues**

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### **XXXIII. Monoamine Oxidase Inhibitory Activity: Methyl- versus Chlorochalcone Derivatives**

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### **XXXIV. Monoamine Oxidase Inhibitory Activity of Novel Pyrazoline Analogues: Curcumin Based Design and Synthesis-II**

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### **XXXV. Exploration of chlorinated thienyl chalcones: A new class of monoamine oxidase-B inhibitors**

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### **XXXVII. Role of serotonin in the regulation of renal proximal tubular epithelial cells**

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- XLIV. Flavonoids from Sideritis Species: Human Monoamine Oxidase (hMAO) Inhibitory Activities, Molecular Docking Studies and Crystal Structure of Xanthomicrol**  
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- XLVII. Development of Fluorinated Thienylchalcones as Monoamine Oxidase-B Inhibitors: Design, Synthesis, Biological Evaluation and Molecular Docking Studies**  
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- XLVIII. Synthesis of some novel hydrazone and 2-pyrazoline derivatives: Monoamine oxidase inhibitory activities and docking studies**  
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- XLIX. EFFECT OF ACRYLAMIDE TREATMENT ON ARGINASE ACTIVITIES AND NITRIC OXIDE LEVELS IN RAT LIVER AND KIDNEY**  
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- L. Monoamine oxidase inhibitory activity of 3,5-biaryl-4,5-dihydro-1H-pyrazole-1-carboxylate derivatives**  
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- LI. Interaction of selegiline-loaded PLGA-b-PEG nanoparticles with beta-amyloid fibrils**  
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- LVI. **Effects of nitrite on hepatic ischemia-reperfusion injury**  
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- LVII. **Pyrazoline based MAO inhibitors: Synthesis, biological evaluation and SAR studies**  
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- XII. **Elevated Glutathione S-Transferase-pi (GST-pi) Activity in Mesenchymal Phenotype of Human Colorectal Adenocarcinoma Cells (HT-29)**  
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- XXXII. **Effects of platelet derived serotonin on renal injury**

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## **Desteklenen Projeler**

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## Metrikler

Yayın: 117

Atıf (WoS): 1032

Atıf (Scopus): 923

H-İndeks (WoS): 22

H-İndeks (Scopus): 19