

## Prof. Dr. SİBEL SÜZEN

### Kişisel Bilgiler

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### Eğitim Bilgileri

Doktora, University of Wales, Eczacılık-Farmasötik Kimya, Birleşik Krallık 1993 - 1997

Yüksek Lisans, Ankara Üniversitesi, Sağlık Bilimleri Enstitüsü, Farmasötik Kimya (YI) (Tezli), Türkiye 1988 - 1990

Lisans, Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Pr., Türkiye 1981 - 1985

### Yaptığı Tezler

Doktora, Synthesis and hydrazinolysis of Some N-Substituted Dehydroalanine Derivatives, University of Wales, Eczacılık-Farmasötik Kimya, 1997

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### Akademik Unvanlar / Görevler

Prof. Dr., Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2008 - Devam Ediyor

Doç. Dr., Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2002 - 2008

Araştırma Görevlisi, Ankara Üniversitesi, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1987 - 2000

### Akademik İdari Deneyim

Ankara Üniversitesi, 2019 - 2020

Ankara Üniversitesi, 2017 - 2020

Ankara Üniversitesi, 2012 - 2020

### Verdiği Dersler

#### Yüksek Lisans

Uzmanlık Alan Dersi, Yüksek Lisans, 2018 - 2019

Tez Çalışması, Yüksek Lisans, 2018 - 2019

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Araştırma Projesi I, Lisans, 2018 - 2019

Pharmaceutical Chemistry I, Lisans, 2018 - 2019

Araştırma Projesi Uygulama I, Lisans, 2018 - 2019

Pharmaceutical Chemistry III, Lisans, 2018 - 2019

Farmasötik Kimya Uygulama III, Lisans, 2018 - 2019

Pharmaceutical Chemistry Pract I, Lisans, 2018 - 2019

## Yönetilen Tezler

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## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

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- II. **Design, Synthesis, and Investigation of Anticancer and Antioxidant Potential of Novel Indole-Based Melatonin Analogues in Breast Cancer**  
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- IV. **In Vitro Evaluation of Endocrine-Related Adverse Effects of 5-Fluoroindole Derived Melatonin Analogues with Antioxidant Activity**  
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- VIII. **Short overview on the relevance of microRNA-reactive oxygen species (ROS) interactions and lipid peroxidation for modulation of oxidative stress-mediated signalling pathways in cancer treatment**  
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- IX. **In Vitro and In Silico Studies of Quinoline-2-Carbaldehyde Hydrazone Derivatives as Potent Antimicrobial Agents**  
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- XI. **New indole-7-aldehyde derivatives as melatonin analogues; synthesis and screening their antioxidant and anticancer potential**  
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- XII. **Novel effective antibacterial small-molecules against Staphylococcus and Enterococcus strains**  
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- XVI. **Bioisosteric modification on melatonin: synthesis of new naphthalene derivatives, in vitro antioxidant activity and cytotoxicity studies**  
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- XVII. **Chemistry and Pharmacology of Modulators of Oxidative Stress**  
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- XVIII. **Behaviour of 9-Ethyl-9H-carbazole Hydrazone Derivatives Against Oxidant Systems: Protective Effect on Amyloid beta-Induced Damage**  
Karaaslan C., Ince E., GÜRER ORHAN H., Tavakkoli M., Firuzi O., Saso L., SÜZEN S.  
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- XIX. **Aromatase inhibition by 2-methyl indole hydrazone derivatives evaluated via molecular docking and in vitro activity studies**  
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- XX. **Pharmacological Applications of Nrf2 Inhibitors as Potential Antineoplastic Drugs**  
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- XXIII. **"Organic Compounds as Modulators of Oxidative Stress: Chemical and Biological Aspects"**  
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- XXX. **Synthesis and evaluation of antioxidant activity of new quinoline-2-carbaldehyde hydrazone derivatives: bioisosteric melatonin analogues**  
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- XXXI. **Evaluation of Synthetic Melatonin Analog Antioxidant Compounds**  
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- XXXII. **Antioxidant Properties of Melatonin and its Potential Action in Diseases**  
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- XXXV. **Melatonin, its Metabolites and its Synthetic Analogs as Multi-Faceted Compounds: Antioxidant, Prooxidant and Inhibitor of Bioactivation Reactions**  
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- XL. **Antioxidant activity of indole-based melatonin analogues in erythrocytes and their voltammetric characterization**  
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- XLII. **Antioxidant heterocyclic compounds in drug discovery and medicinal chemistry**  
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- XLIII. **Synthesis and antioxidant properties of substituted 2-phenyl-1H-indoles**  
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- XLIV. **Melatonin and synthetic analogs as antioxidants**  
SÜZEN S.  
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- XLV. **Recent Studies of Antioxidant Quinoline Derivatives**  
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- XLVI. **Synthesis and antioxidant activity evaluations of melatonin-based analogue indole-hydrazide/hydrazone derivatives**  
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- XLVII. **Synthesis and comparison of antioxidant properties of indole-based melatonin analogue indole amino acid derivatives**  
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- XLVIII. **Evaluation of rat kidney aldose reductase inhibitory activity of some N-acetyl dehydroalanine derivatives**  
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- XLIX. **Investigation of triacetin effect on indomethacin release from poly(methyl methacrylate)**

### **microspheres: Evaluation of interactions using FT-IR and NMR spectroscopies**

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- LI. **Electrochemical Behavior of Indole-3-Carboxaldehyde Isonicotinoyl Hydrazones: Discussion on Possible Biological Behavior**  
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- LII. **Combination of Electrochemical, Spectrometric and Other Analytical Techniques for High Throughput Screening of Pharmaceutically Active Compounds**  
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- LIII. **Novel indole-based analogs of melatonin: Synthesis and in vitro antioxidant activity studies**  
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- LIV. **Investigation of Antimicrobial Activities of Indole-3-Aldehyde Hydrazone/Hydrazone Derivatives**  
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- LV. **Melatonin analogue new indole hydrazone/hydrazone derivatives with antioxidant behavior: Synthesis and structure-activity relationships**  
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- LVI. **Screening and evaluation of antioxidant activity of some pyridazine derivatives**  
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- LVII. **Preliminary evaluation of rat kidney aldose reductase inhibitory activity of 2-phenylindole derivatives: affiliation to antioxidant activity**  
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### **Diğer Dergilerde Yayınlanan Makaleler**

- I. **MELATONİNİN TİROİD FİZYOLOJİ VE HASTALIKLARI ÜZERİNDEKİ ROLÜNÜN DEĞERLENDİRİLMESİ**  
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- III. **ALTERATIONS OF ALDOSE REDUCTASE ACTIVITY BY INDOLE-3- CARBOXALDEHYDE DERIVATIVES**  
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- IV. **Antimicrobial Activities of New Indole Derivatives Containing 1,2,4-Triazole, 1,3,4-Thiadiazole and Carbothioamide**  
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