

# Prof. NESRİN GÖKHAN KELEKÇİ

## Personal Information

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## International Researcher IDs

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Yoksis Researcher ID: 3128

## Education Information

Post Doctorate, King Alfred's College, Winchester, Faculty Of Pharmay, United Kingdom 2001 - Continues

Post Doctorate, Brandenburgische Technische Universitaet Cottbus, Faculty Of Pharmay, Germany 2000 - Continues

Post Doctorate, Sejong University, Department Of Chemistry, South Korea 2012 - 2012

Doctorate, Hacettepe University, Eczacılık Fakültesi-Eczacılık Meslek Bilimleri, Farmasötik Kimya Abd, Turkey 1994 - 1998

Postgraduate, Hacettepe University, Eczacılık Fakültesi-Eczacılık Meslek Bilimleri, Farmasötik Kimya Abd, Turkey 1992 - 1994

Undergraduate, Hacettepe University, Eczacılık Fakültesi, Turkey 1987 - 1991

## Foreign Languages

Italian, A1 Beginner

English, B2 Upper Intermediate

## Research Areas

Health Sciences, Pharmacology and Therapeutics, Professional Sciences, Pharmaceutical Chemistry

## Academic Titles / Tasks

Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2010 - Continues

Associate Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 2003 - 2010

Assistant Professor, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1999 - 2003

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Eczacılık Meslek Bilimleri Bölümü, 1992 - 1999

## Advising Theses

GÖKHAN KELEKÇİ N., Bazı yeni 2-pirazolin türevlerinin sentezi ve monoamin oksidaz (MAO) inhibitör aktiviteleri üzerinde çalışmalar, Doctorate, U.SALGIN(Student), 2015

GÖKHAN KELEKÇİ N., Hekzahidroindazol türevleri üzerinde çalışmalar, Postgraduate, Ö.ÖZGÜN(Student), 2009

GÖKHAN KELEKÇİ N., Bazı yeni 5-metil-2-benzoksazolinon türevlerinin sentezi ve analjezik-antiinflamatuvar aktivitelerinin araştırılması, Postgraduate, U.SALGIN(Student), 2006

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

- I. **Synthesis, characterization, and MAO inhibitory activities of three new drug-like N-acylhydrazone derivatives**  
TAŞCI H., HÖKELEK T., SAĞLIK ÖZKAN B. N., KAYNAK F. B., TOZKOPARAN KÖPRÜCÜ B., GÖKHAN KELEKÇİ N.  
JOURNAL OF MOLECULAR STRUCTURE, 2024 (SCI-Expanded)
- II. **Synthesis, characterization, and in vivo pharmacological evaluation of novel mannich bases derived from 1,2,4-triazole containing a naproxen moiety**  
AVCI A., Tasci H., Kandemir U., Can O. D., Gokhan-Kelekci N., Tozkoparan B.  
BIOORGANIC CHEMISTRY, vol.100, 2020 (SCI-Expanded)

## Books & Book Chapters

- I. **Nonsteroidal Antienflamatuvar İlaçlar**  
ERDOĞAN H., GÖKHAN KELEKÇİ N.  
in: Farmasötik ve Medisinal Kimya, , Editor, Hacettepe Üniversitesi Basımevi, Ankara, pp.672-746, 2019
- II. **Opioid Analjezik İlaçlar**  
ERDOĞAN H., GÖKHAN KELEKÇİ N.  
in: Farmasötik ve Medisinal Kimya, , Editor, Hacettepe Üniversitesi Basımevi, Ankara, pp.441-501, 2019
- III. **Türk Farmakopesi**  
TUNÇBİLEK M., YEŞİLADA A., BALKAN A., TOZKOPARAN B., PALASKA E., ÖZKANLI F., KÜÇÜKGÜZEL İ., GÖKHAN KELEKÇİ N., ŞİMŞEK R., SARAÇ TARHAN S., et al.  
T. C. Sağlık Bakanlığı Türkiye İlaç ve Tıbbi Cihaz Kurumu, Ankara, 2018
- IV. **Antitussif ve ekspektoran ilaçlar**  
ERDOĞAN H., GÖKHAN KELEKÇİ N.  
in: Farmasötik Kimya, , Editor, Hacettepe Üniversitesi, Ankara, pp.433-448, 2016
- V. **Narkotik antagonistler,**  
ERDOĞAN H., GÖKHAN KELEKÇİ N.  
in: Farmasötik Kimya, , Editor, Hacettepe Üniversitesi Yayınevi, Ankara, pp.424-433, 2016

## Refereed Congress / Symposium Publications in Proceedings

- I. **SYNTHESIS and CYTOTOXIC ACTIVITY EVALUATION of NOVEL HYDRAZONE DERIVATIVES as POTENTIAL ANTICANCER AGENTS**  
Taşci H., Ulukaya E., Tozkoparan Köprücü B., Gökhan Kelekçi N.  
XXVI EFMC International Symposium on Medicinal Chemistry (EFMC-ISMC 2021), Basel, Switzerland, 29 August - 02 October 2021
- II. **SYNTHESIS OF NOVEL BENZOAZOLINONE-HYDRAZONE DERIVATIVES AS POTENT AND SELECTIVE MAO A/B INHIBITORS FOR TREATMENT OF NEURODEGENERATIVE DISEASES**  
Taşci H., Sağlık B. N., Özkay Y., Tozkoparan Köprücü B., Gökhan Kelekçi N.  
XXVI EFMC International Symposium on Medicinal Chemistry (EFMC-ISMC 2021), Basel, Switzerland, 29 August - 02 September 2021
- III. **Novel N-Mannich Bases Of 1,2,4-Triazole As Non-Steroidal Antiinflammatory Agents With Favorable Gastrointestinal Tolerance**  
Avcı A., Gökhan Kelekçi N., Tozkoparan Köprücü B., Can Ö. D.  
International Multidisciplinary Symposium On Drug Research & Development (Drd 2019), Malatya, Turkey, 1 - 03 July 2019, pp.11-13
- IV. **Novel Triazole Based Mannich Bases As Analgesic And Antiinflammatory Agents**  
Taşci H., Avcı A., Can Ö. D., Gökhan Kelekçi N., Tozkoparan Köprücü B.

XXV. Efmc International Symposium On Medicinal Chemistry (efmc-ismc), Ljubljana, Slovenia, 6 - 09 September 2018, pp.11-13

- V. **Synthesis, Characterization and Pharmacological Studies of Some New Mannich Bases Derived From 1,2,4-Triazoles**  
Avcı A., Taşçı H., Ulukaya E., Gökhan Kelekçi N., Tozkoparan Köprücü B.  
12th International Symposium on Pharmaceutical Sciences, Ankara-Turkey, Ankara, Turkey, 5 - 09 December 2018
- VI. **Novel Chiral Monoamine Oxidase Inhibitors: Molecular Docking Studies on N-Aryloxazolidinediones**  
YÜCE DURSUN B., ERDEM S., GÖKHAN KELEKÇİ N., DOĞAN H. İ., Erol Günel Ş.  
5th International BAU Drug Design Congress, 19 - 21 October 2017
- VII. **A Study on Synthesis of Novel Mannich Bases Derived From 1,2,4-Triazole-5-thione Containing Naproxen Moiety**  
TOZKOPARAN B., Taşçı H., GÖKHAN KELEKÇİ N.  
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017
- VIII. **A Valid Scaffold for Monoamine Oxidases Inhibitors**  
Taşçı H., SAĞLIK B. N., ÖZKAY Y., TOZKOPARAN B., GÖKHAN KELEKÇİ N.  
2nd International Gazi Pharma Symposium Series (GPSS-2017), 11 - 13 October 2017
- IX. **Novel Mannich Bases Derived From 1,2,4-Triazole-5-thione Containing Naproxen Moiety as Analgesic/Anti-inflammatory Compounds**  
Taşçı H., TOZKOPARAN B., GÖKHAN KELEKÇİ N.  
Multidisciplinary Symposium on Drug Research and Development 2017(DRD-2017), 5 - 07 October 2017
- X. **Synthesis and Evaluation of Novel Hydrazone Derivatives as Monoamine Oxidase Inhibitors**  
Taşçı H., SAĞLIK B. N., ÖZKAY Y., TOZKOPARAN B., GÖKHAN KELEKÇİ N.  
Multidisciplinary Symposium on Drug Research and Development 2017(DRD-2017), 5 - 07 October 2017
- XI. **Synthesis and Biological Evaluation of Conjugates of 7-Methoxy-1,2,9,9a-tetrahydrocyclopropa[c]benz[e]indol-4-one (MCBI)- Indole Derivatives with the Varying Length of Methylene Chain Substitution on Indole**  
GÖKHAN KELEKÇİ N., Sable G., Eppakayala S., Lim D.  
18th Tetrahedron Symposium Asia Edition, 24 - 26 July 2017
- XII. **Monoamin Oksidaz İnhibitörü ve Antidepresan Ajanlar Olarak Güçlü, Selektif, Reversibl Yeni Pirazolin/Hidrazon Türevleri**  
GÖKHAN KELEKÇİ N., Salgın Gökşen U.  
5. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, 30 March - 02 April 2017
- XIII. **Protective Effects of New Selective COX 2 Inhibitors on a Rat Model of Severe Acute Pancreatitis**  
ERİKÇİ A., UÇAR B. İ., Salgın Gökşen U., GÖKHAN KELEKÇİ N., UZGÖREN BARAN A., TOZKOPARAN B., KÖSEMEHMETOĞLU K., İSKİT A. B., YABANOĞLU ÇİFTÇİ S., UÇAR G.  
41.FEBS Congress, Kuşadası-Aydın, Turkey, 3 - 08 September 2016
- XIV. **Protective effects of new selective COX 2inhibitors on a rat model of severe acutepancreatitis**  
ERİKÇİ A., UÇAR B. İ., BAYSAL İ., Salgın Gökşen u., GÖKHAN KELEKÇİ N., KÖSEMEHMETOĞLU K., İSKİT A. B., YABANOĞLU ÇİFTÇİ S., UÇAR G.  
The FEBS Journal, 3 - 08 September 2016
- XV. **MAO INHIBITORY EFFECT OF 2 IMINO 3 PHENYLTHIAZOLIDIN 4 ONES AND 3 PHENYL 5 METHYLOXAZOLIDIN 2 4 DIONE**  
UÇAR G., Günay Erol Ş., Tuncel Ş. T., DOĞAN H. İ., GÖKHAN KELEKÇİ N.  
XXIV.International Symposium on Medicinal Chemistry, Manchester, United Kingdom, 28 August - 01 September 2016
- XVI. **Chiral thioureas and 2 imino thiazolidin 4 ones synthesis conformational analysis and antimicrobial activity determinations**  
Tuncel Ş. T., Günel Erol Ş., DOĞAN H. İ., EKİZOĞLU M., GÖKHAN KELEKÇİ N.  
Tetrahedron Symposium, Sitges, Spain, 28 June - 01 July 2016
- XVII. **Antioxidant and Ant inflammatory Effects of Newly Synthesized COX 2 Inhibitors on Taurocholate**

### **induced Acute Pancreatitis in Rats**

UÇAR B. İ., ERİKÇİ A., BAYSAL İ., Salgın Gökşen U., GÖKHAN KELEKÇİ N., ŞAHİN T. T., KÖSEMEHMETOĞLU K., İSKİT A. B., UÇAR G.

International Multidisciplinary Symposium on Drug Research Development, Eskişehir, Turkey, 15 - 17 October 2015

- XVIII. **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
- XIX. **Investigation of the Physicochemical properties of 12 New 1 4 Substitutedphenyl 2 Thiazolyl 3 4 Methylphenyl 5 2 Furyl 4 5 Dihydro 1H Pyrazole Derivatives**  
ÇELEBİER M., Salgın Gökşen U., GÖKHAN KELEKÇİ N.  
International Multidisciplinary Symposium on Drug Research Development, Eskişehir, Turkey, 15 - 17 October 2015
- XX. **Anti oxidant and anti inflammatory effects of newly synthesized COX 2 inhibitors on taurocholate induced acute pancreatitis in rats**  
UÇAR B. İ., ERİKÇİ A., BAYSAL İ., salgın gökşen u., GÖKHAN KELEKÇİ N., ŞAHİN T. T., KÖSEMEHMETOĞLU K., İSKİT A. B., UÇAR G.  
International Multidisciplinary Symposium on Drug Research & Development, 15 - 17 October 2015
- XXI. **Anti oxidant and anti inflammatory effects of newly synthesized COX 2 inhibitors on taurocholate induced acute pancreatitis in rats**  
UÇAR B. İ., ERİKÇİ A., BAYSAL İ., Salgın Gökşen U., GÖKHAN KELEKÇİ N., ŞAHİN T. T., KÖSEMEHMETOĞLU K., İSKİT A. B.  
International Multidisciplinary Symposium on Drug Research & Development, 15 - 17 October 2015
- XXII. **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
- XXIII. **Repurposing Drugs Using MAO Inhibitors as Acetylcholine Esterase Inhibitors**  
Mestanoglu M., GÖKHAN KELEKÇİ N., DURDAĞI S.  
3rd International BAU Drug Design Congress, İstanbul, Turkey, 1 - 03 October 2015
- XXIV. **Synthesis of 3 4 substituted benzoxymethyl 2 benzoxazolinones and screening antimicrobial activities**  
KÖKSAL AKKOÇ M., GÖKHAN KELEKÇİ N., ERDOĞAN H., ÖZALP M., EKİZOĞLU M.  
3rd International Symposium on Pharmaceutical Chemistry, 17 - 19 September 2001

### **Supported Projects**

GÖKHAN KELEKÇİ N., TOZKOPARAN KÖPRÜCÜ B., SARIMAN M., ULUKAYA E., ÖZKAY Y., TAŞCI H., Project Supported by Higher Education Institutions, Hidrazon yapısında yeni MAO inhibitörü bileşiklerin sentezi ve MAO inhibisyonunun insan prostat akciğer ve gliyoma tümörlerindeki terapötik etkisinin değerlendirilmesi, 2020 - 2022

GÖKHAN KELEKÇİ N., Karaağaçlı G., ÖZKAY Y., Project Supported by Higher Education Institutions, Monoamin Oksidaz İnhibitörü Etki Göstermesi Beklenen Yeni Hidrazon Bileşiklerinin Sentezi Moleküler Modellemesi ve MAOA MAOB Selektifliklerinin Araştırılması, 2019 - 2022

GÖKHAN KELEKÇİ N., TAŞCI H., TOZKOPARAN KÖPRÜCÜ B., Project Supported by Higher Education Institutions, MAO İnhibitörü etki göstermesi beklenen hidrazon iskeleti taşıyan yeni bileşiklerin sentez ve yapı tayini çalışmaları, 2018 - 2019

TOZKOPARAN KÖPRÜCÜ B., TAŞCI H., AVCI A., GÖKHAN KELEKÇİ N., Project Supported by Higher Education Institutions, Yeni 1-Aminometil-1,2,4-triazol-5-tiyon Bileşiklerinin Sentezi ve Yapı Aydınlatma Çalışmaları, 2018 - 2019

GÖKHAN KELEKÇİ N., Project Supported by Higher Education Institutions, 18. Tetrahedron Sempozyumu-Asya Versiyonu, 2017 - 2017

GÖKHAN KELEKÇİ N., Project Supported by Higher Education Institutions, 2-İmino-3-fenil-5-tiyazolidin-4-on ve 3-fenil-5-metiloksazolidin-2-dionların MAO İnhibitör Etkileri, 2016 - 2017

GÖKHAN KELEKÇİ N., UÇAR G., EKİZOĞLU M., TÜBİTAK Project, "Yeni 2-İmino-Tiyazolidin-4-on ve Oksazolidindion Türevlerinin Asimetrik Sentezi, Antimikrobiyal ve Monoamin Oksidaz (MAO) İnhibitör Aktivitelerinin Tayini, 2014 - 2017

ERİKÇİ A., UÇAR G., ŞAHİN T. T., UÇAR B. İ., GÖKHAN KELEKÇİ N., BAYSAL İ., İSKİT A. B., KÖSEMEHMETOĞLU K., Project Supported by Higher Education Institutions, Yeni Sentezlenen 2-Benzoksazolinon Türevi Bileşiklerin Antioksidan ve Antienflamatuar Etkilerinin Deneysel Sıçan Akut Pankreatit Modelinde Araştırılması, 2015 - 2016

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

GÖKHAN KELEKÇİ N., ERİKÇİ A., Project Supported by Higher Education Institutions, Yeni sentezlenen 2-imino-tiyazolidin-4-on ve oksazolidindion türevlerinin monoamin oksidaz MAO inhibitör aktivitelerinin tayini, 2015 - 2016

## Metrics

Publication: 57

Citation (WoS): 352

Citation (Scopus): 405

H-Index (WoS): 10

H-Index (Scopus): 10

## Non Academic Experience

Sejong University (Seul)

King's College London

Technische Universität Carolo-Wilhelmina, Braunschweig, ? Institut für Pharmazeutische Chemie,