

# TUĞBA DOĞAN

## LECT. PHD

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: AAZ-6712-2021

ScopusID: 56427787900

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### Learning Knowledge

Doctorate

2009 - 2015

Hacettepe University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji (Dr), Turkey

Postgraduate

2006 - 2009

Hacettepe University, Fen Bilimleri Enstitüsü, Moleküler Biyoloji (YI) (Tezli), Turkey

Postgraduate

2001 - 2006

Gazi University, Gazi Eğitim Fakültesi, Matematik Ve Fen Bilimleri Eğitimi, Turkey

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Protoiurus kraepelini (SCORPIONES: IURIDAE) ZEHRİNİN PEPTİDOMİK KARAKTERİZASYONU VE BİYOAKTİVİTE TARAMASI, Hacettepe Üniversitesi, Moleküler Biyoloji (Dr), 2015

Postgraduate, İlaç etken maddesi olarak tasarlanmış bazı nitrolo bileşiklerin, umu-test sistemi ile genotoksik potansiyellerinin saptanması, Hacettepe Üniversitesi, Moleküler Biyoloji (YI) (Tezli), 2009

### Academic Titles / Tasks

Lecturer PhD

2010 - Continues

Middle East Technical University, Presidency Office, İleri Teknoloji Test ve Ölçüm Merkezi (Merkez Laboratuvar)

## Scholarships

Tübitak Yurt içi Doktora bursu, TUBITAK, 2009 - 2014

Tübitak Yurt içi Y.lisans bursu, TUBITAK, 2006 - 2008

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

- 1. Synthesis, Anticancer Activity, and In Silico Modeling of Alkylsulfonyl Benzimidazole Derivatives: Unveiling Potent Bcl-2 Inhibitors for Breast Cancer**  
Abbade Y., KIŞLA M. M., Hassan M. A., ÇELİK İ., DOĞAN T., MUTLU P., ALAGÖZ Z.  
ACS Omega, vol.9, no.8, pp.9547-9563, 2024 (SCI-Expanded)
- 2. Design, synthesis, molecular docking and ADME studies of novel indole-thiazolidinedione derivatives and their antineoplastic activity as CDK6 inhibitors**  
Kışla M. M., Zengin Karadayı F., Baran S., Doğan T., Mutlu P., Ateş-Alagöz Z.  
NEW JOURNAL OF CHEMISTRY, vol.45, pp.111-133, 2021 (SCI-Expanded)
- 3. Peptidomic characterization and bioactivity of Protoiurus kraepelini (Scorpiones: Iuridae) venom**  
Somay Dogan T., Igci N., BİBER A., GEREKÇİ S., HÜSNÜGİL H. H., İzbirak A., ÖZEN C.  
TURKISH JOURNAL OF BIOLOGY, vol.42, no.6, pp.490-498, 2018 (SCI-Expanded)
- 4. Genotoxicity studies of tetrahydro-naphthalene-benzimidazole/thiazolidinedione as retinoid derivatives**  
Dogan T., Durusoy M., Ates-Alagoz Z., Buyukbingol E.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.40, no.6, pp.500-507, 2015 (SCI-Expanded)
- 5. Characterization of Leiurus abduhbayrami (Scorpiones: Buthidae) venom: peptide profile, cytotoxicity and antimicrobial activity**  
ERDES E., Dogan T., Cosar I., Danisman T., Kunt K. B., ŞEKER T., YUCEL M., ÖZEN C.  
JOURNAL OF VENOMOUS ANIMALS AND TOXINS INCLUDING TROPICAL DISEASES, vol.20, 2014 (SCI-Expanded)
- 6. Genotoxicity of potent antiviral 1-[(2-aminophenyl)thio]-1-phenyl-2-nitrobutane derivatives designed as drug agents**  
DOĞAN T., Durusoy M., Gokce M., ÖZTÜRK K.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.39, no.3, pp.328-335, 2014 (SCI-Expanded)
- 7. Mass spectrometry facility in METU-Central Laboratory, Molecular Biology - Biotechnology R&D Center**  
ŞEKER T., Kincal D., DOĞAN T., Yucel M.  
NEW BIOTECHNOLOGY, vol.29, 2012 (SCI-Expanded)

## Articles Published in Other Journals

- 1. A Standard Method Verification for Determination of Sugar Content of Commercial Fruit Juices by HPLC**  
Doğan T., Şeker T.  
Hacettepe Journal of Biology and Chemistry, vol.51, no.289-295, pp.289-295, 2023 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- 1. Synthesis and investigation of anti-cancer activity of novel substituted alkylsulfonyl 1H-benzo[d]imidazole derivatives in MCF-7 breast cancer cells**  
Abbade Y., Kışla M. M., Al-Kassim Hassan M., Doğan T., Mutlu P., Alagöz Z.  
5th International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2022), Ankara, Turkey, 23 - 25 November 2022, pp.1711
- 2. SYHTHESIS, ANTINEOPLASTIC ACTIVITY AND MOLECULAR DOCKING STUDIES OF NOVEL INDOLE-**

## THIAZOLIDINEDIONE DERIVATIVES

Kışla M. M., Zengin Karadayı F., Doğan T., Mutlu P., Alagöz Z.

13 th International Symposium on Pharmaceutical Sciences, Ankara, Turkey, 22 - 25 June 2021, pp.63

### 3. Bioactivity Of Protoiurus Kraepelini Scorpione Iuridae Venom

DOĞAN T., ayşenur b., selin g., hazal h., İZBIRAK A., ÖZEN C.

11th International Symposium on Pharmaceutical Sciences, 09 June 2015 - 12 January 2016

### 4. Molecular Characterization and Peptidomic Analysis of Protoiurus kraepelini (Scorpiones:Iuridae) Venom

Doğan T., Gerekçi S., Ergenç M., İğci N., Özel Demiralp F. D., Kunt K. B., Özen C.

3.International Congress of the Molecular Biology Association, İzmir, Turkey, 10 - 14 September 2014, pp.233

### 5. Leiurus abduallahbayrami (Scorpiones: Buthidae) Venomunun Moleküler Karakterizasyonu ve Peptidomik Analizi

Erdeş E., Doğan T., Şeker T., Coşar İ., Danişman T., Kunt K. B., Özen C.

22. Ulusal Biyoloji Kongresi, Uluslararası Katılımlı, Eskişehir, Turkey, 23 - 27 June 2014, pp.788

### 6. TS12630 Kapsamında Meyve Sebze Sularında HPLC Metodu ile Glikoz-Fruktoz ve Sukroz Analizi Metot Teyidi ve Ölçüm Belirsizliği Çalışmaları

ŞEKER T., Kıncal D., DOĞAN T., Yucel M.

1.Ulusal Laboratuvar Akreditasyonu Ve Güvenliği Sempozyumu ve Sergisi, 16 - 18 May 2013

### 7. İlaç Etken Maddesi Olarak Tasarlanmış Bazı Nitrolu Bileşiklerin, Umu-Test Sistemi ile Genotoksik Potansiyellerinin Saptanması

DOĞAN T., ALAGÖZ Z., Durusoy M., BÜYÜKBİNGÖL M. E.

İlaç Etken Maddesi Olarak Tasarlanmış Bazı Nitrolu Bileşiklerin, Umu-Test Sistemi ile Genotoksik Potansiyellerinin Saptanması, Ankara, Turkey, 30 May 2009

### 8. The Detection Of The Genotoxic Effects Of Some Agents Designed As Drug By The Umu-Microplate Test

DOĞAN T., ÖZTÜRK K., UYSAL M., Durusoy M.

20th National Biochemistry Congress, Nevşehir, Turkey, 28 November 2008

## Courses

Introduction to Modern Biology, Undergraduate, 2021 - 2022

## Metrics

Publication: 16

Citation (WoS): 37

Citation (Scopus): 41

H-Index (WoS): 3

H-Index (Scopus): 3

## Research Areas

Life Sciences, Biochemistry, Molecular Biology and Genetics, Natural Sciences