

## **Asst. Prof. NURCİHAN TAN ERKOÇ**

### **Personal Information**

**Email:** ntan@gelisim.edu.tr

**Web:** <https://avesis.gelisim.edu.tr/ntan>

### **International Researcher IDs**

ORCID: 0000-0002-0029-0197

Yoksis Researcher ID: 48683

### **Education Information**

Doctorate, Yildiz Technical University, Fen Bilimleri Enstitüsü, Biyokimya (Dr), Turkey 2014 - 2021

Postgraduate, Trakya University, Turkey 2011 - 2014

Undergraduate, Trakya University, Turkey 2007 - 2011

### **Certificates, Courses and Trainings**

Vocational Training, e-EĞİTİCİNİN EĞİTİMİ, İstanbul Gelişim Üniversitesi, 2020

Quality Management, KALİTE YÖNETİM SİSTEMİ TEMEL EĞİTİMİ ISO 9001, TSE, 2020

Quality Management, TSE ISO 9001:2015 RİSK TABANLI PROSES EĞİTİMİ, TSE, 2020

Quality Management, TSE ISO 9001:2015 KALİTE YÖNETİM SİSTEMİ DOKÜMANTASYON EĞİTİMİ, TSE, 2020

Quality Management, TSE ISO 9001:2015 KALİTE YÖNETİM SİSTEMİ İÇ TETKİK EĞİTİMİ, TSE, 2020

### **Dissertations**

Doctorate, Optimization of extraction method for antioxidant activities of citrus fruits by applying box-behnken experimental design method, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, 2021

Postgraduate, Yeni Schiff Bazlarının ve Metal Komplekslerinin Sentezi, Trakya University, 2014

### **Research Areas**

Chemistry, Natural Sciences

### **Academic Titles / Tasks**

Assistant Professor, İstanbul Gelişim University, VOCATIONAL SCHOOL OF HEALTH SERVICES, MEDICAL LABORATORY TECHNIQUES, 2021 - Continues

Lecturer, İstanbul Gelişim University, VOCATIONAL SCHOOL OF HEALTH SERVICES, MEDICAL LABORATORY TECHNIQUES, 2013 - 2021

### **Academic and Administrative Experience**

Rektörlük Kalite Komisyonu Üyesi, İstanbul Gelisim University, VOCATIONAL SCHOOL OF HEALTH SERVICES, 2022 -

Continues

Birim Kalite Komisyonu Üyesi, İstanbul Gelisim University, VOCATIONAL SCHOOL OF HEALTH SERVICES, 2020 -

Continues

Yüksekokul Kurulu Üyesi, İstanbul Gelisim University, VOCATIONAL SCHOOL OF HEALTH SERVICES, 2015 - Continues

Assistant Director of Vocational School, İstanbul Gelisim University, VOCATIONAL SCHOOL OF HEALTH SERVICES, 2015 -

Continues

Yüksekokul Yönetim Kurulu Üyesi, İstanbul Gelisim University, VOCATIONAL SCHOOL OF HEALTH SERVICES, 2015 -

Continues

Head of Department, İstanbul Gelisim University, VOCATIONAL SCHOOL OF HEALTH SERVICES, 2015 - 2017

Head of Department, İstanbul Gelisim University, VOCATIONAL SCHOOL OF HEALTH SERVICES,

ELECTRONEUROPHYSIOLOGY, 2014 - 2017

## Courses

KİMYA, Associate Degree, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

BİYOKİMYA, Associate Degree, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018, 2016 - 2017, 2015 - 2016, 2014 - 2015

Kimyasal Uygulamalar, Associate Degree, 2014 - 2015

Gıda Kimyası ve Biyokimyası, Associate Degree, 2014 - 2015

Laboratuvar Cihazları, Associate Degree, 2014 - 2015

## Jury Memberships

Academic Staff Examination, Academic Staff Examination, İstanbul Gelişim Üniversitesi, January, 2023

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

- I. **Optimization of ultrasonic-assisted extraction of antioxidants from lemon peel waste using response surface methodology and multi-response desirability function**  
Tan Erkoç N., Dinç Zor Ş., Alpdoğan G., Peksel A.  
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.97, no.11b, pp.2482-2487, 2020 (SCI-Expanded)
- II. **Template synthesis, characterization, and antimicrobial activity of a new lead (II) Schiff base complex**  
Beynek N., Tan N., Beynek H.  
Main Group Metal Chemistry, vol.38, no.5-6, pp.145-150, 2015 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Ultrasonik Destekli Ekstraksiyon (UAE) Yöntemi ile Hazırlanan Kuşburnu Meyvesi Kabuk ve Çekirdek Kısımlarının Antioksidan Aktivitesinin Belirlenmesi**  
Özgen A., Tan Erkoç N., Taştan Ö., Pehlevan F.  
İstanbul Gelişim Üniversitesi Sağlık Bilimleri Dergisi, vol.2021, no.14, pp.201-212, 2021 (Peer-Reviewed Journal)
- II. **Phylogenetic analysis of origanum vulgare and its antioxidant and antimicrobial activity**  
Ozgen A., Tan Erkoc N., Tastan O. F., Pehlevan F.  
Gazi University Journal of Science, vol.34, no.2, pp.311-325, 2021 (Scopus)
- III. **Template synthesis and spectral characterization of new Lead(II)-Schiff base macrocyclic complexes incorporating phenanthroline and/or bipyridine units**

Beynek N., Tan N., Beynek H.

Asian Journal of Chemistry, vol.27, no.11, pp.4141-4144, 2015 (Scopus)

## Books & Book Chapters

### I. Süt Ürünleri ve Probiyotikler

Özgen A., Baba S., Tan Erkoç N., Pehlevan F., Nizamlioğlu M.

in: Türkiye Klinikleri Gıda Hijyeni ve Teknolojisi, Prof. Dr. Mustafa ATASEVER, Editor, Türkiye Klinikleri, İstanbul, pp.139-145, 2019

### II. BARSAK MİKROBİYATASI VE İMMUN SİSTEM

Özgen A., Pehlevan F., Tan Erkoç N., Baba S., Nizamlioğlu M.

in: BARSAK MİKROBİYATASI VE PROBİYOTİKLER, PROF. DR. MUSTAFA NİZAMLIOĞLU, Editor, TÜRKİYE KLİNİKLERİ, Ankara, pp.1-13, 2018

## Refereed Congress / Symposium Publications in Proceedings

### I. Optimization of Ultrasonic-Assisted Extraction of Radical Scavenging Activities from Orange Peel Waste Using Response Surface Methodology and MultiResponse Desirability Function

TAN ERKOÇ N., DİNÇ ZOR Ş., ALPDOĞAN G., PEKSEL A.

INTERNATIONAL CAPITAL CONFERENCE ON MULTIDISCIPLINARY SCIENTIFIC RESEARCH, Lisbon, Portugal, 13 July 2022

### II. Ultrases Destekli Ekstraksiyon ile Limon Kabuklarından Elde Edilen Ekstrelerin Antioksidan Etkilerinin İncelenmesi ve Optimum Ekstraksiyon Koşullarının Deneysel Tasarım Yöntemi ile Belirlenmesi

Tan Erkoç N., Dinç Zor Ş., Alpdoğan G., Peksel A.

31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, pp.1

### III. Template synthesis and characterization of new N5O donor schiff base cadmium(II) complex derived from 6-methyl-6'-(2-aminophenoxymethyl)-2,2'-bipyridine and 1,10-phenanthroline-2-carboxaldehyde.

Beynek N., Tan Erkoç N., Beynek H.

The 69th Southeastern Regional Meeting of the American Chemical Society SERMACS 2017, Charlottetown, Canada, 7 - 11 November 2017, pp.461

### IV. Synthesis and Characterization of 2,2'-Bipyridyl-Linked Diamino Ligand and Its Some Metal Complexes: Antimicrobial Activities of These Compounds

Beynek N., Tan Erkoç N., Beynek H.

International Conference on Pure and Applied Chemistry 2016, Baie-Du-Tombeau, Mauritius, 18 - 22 July 2016, pp.23

### V. Synthesis and Characterization of Novel Salicylaldimine or Naphthaldimine Derivative Schiff Base Ligands and Their Metal Complexes

Beynek N., Tan Erkoç N., Beynek H.

The International Chemical Congress of Pacific Basin Societies, Hawaii, United States Of America, 15 - 20 December 2015, pp.589

### VI. Synthesis and Characterized of New Open Chain 2 2 Bipyridyl Linked Pyridine Bipyridine or Phenanthroline Derivatived Schiff Base Ligands

Beynek N., Tan N.

10° Portuguese National Meeting of Organic Chemistry and 1 st Portuguese-Brazilian Organic Chemistry Symposium., Lisbon University, Portekiz, Lisbon, Portugal, 4 - 06 September 2013, pp.158

## **Supported Projects**

Özgen A., Tan Erkoç N., Pehlevan F., Project Supported by Higher Education Institutions, " Doğu Karadeniz Bölgesi'xxne ait (Sultan Murat Sarıkaya Yaylası) Origanum Vulgare'xxnin Filogenetik Analizi,Antioksidan ve Antibakteriyel Aktivitesinin Belirlenmesi", 2019 - 2019

## **Scientific Refereeing**

İstanbul Gelişim Üniversitesi Sağlık Bilimleri Dergisi, National Scientific Refreed Journal, July 2024  
European Journal of Biology, National Scientific Refreed Journal, July 2023

## **Tasks In Event Organizations**

Düşünür A., Tan Erkoç N., Cumhuriyetimizin 100. Yılında Organ Bağışında Farkındalık Sempozyumu, Scientific Congress, İstanbul, Turkey, Aralık 2023

## **Congress and Symposium Activities**

Cumhuriyetimizin 100. Yılında Organ Bağışında Farkındalık Sempozyumu, Working Group, İstanbul, Turkey, 2023