

## Lect. PhD Neşe ATACI

### Personal Information

**Email:** ataci@yildiz.edu.tr

**Web:** <https://avesis.yildiz.edu.tr/ataci>

### Education Information

Doctorate, Yildiz Technical University, Kimya Bölümü, Turkey 2001 - 2007

Postgraduate, Yildiz Technical University, Kimya Bölümü, Turkey 1998 - 2001

Undergraduate, Yildiz Technical University, Kimya Bölümü, Turkey 1993 - 1997

### Research Areas

Natural Sciences

### Academic Titles / Tasks

Lecturer PhD, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 2020 - Continues

Expert, Yildiz Technical University, Faculty Of Arts & Science, Department Of Chemistry, 1998 - 2017

### Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- I. **The interaction of light-activatable 2-thioxanthone thioacetic acid with ct-DNA and its cytotoxic activity: Novel theranostic agent**  
ATACI N., Kazancioglu E., Kalndemirtas F. D. , Kuruca S. E. , ARSU N.  
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.239, 2020 (Journal Indexed in SCI)
- II. **Spectrophotometric study on binding of 2-thioxanthone acetic acid with ct-DNA**  
Ataci N., ÖZÇELİK E., ARSU N.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.204, pp.281-286, 2018 (Journal Indexed in SCI)
- III. **Studies of the binding mode of TXNHCH<sub>2</sub>COOH with calf thymus DNA by spectroscopic methods**  
Ataci N., ARSU N.  
SPECTROCHIMICA ACTA PART A-MOLECULAR AND BIOMOLECULAR SPECTROSCOPY, vol.169, pp.128-133, 2016 (Journal Indexed in SCI)
- IV. **Immobilization of glutaminase enzyme from Hypocria jecorina on polyacrylic acid: preparation and biochemical characterization**  
Karahan M., Karakuş E., Bülbül D., Ataci N.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.42, pp.262-267, 2014 (Journal Indexed in SCI)
- V. **Determination of Critical Micel Concentration of PEG 10 Tallow Propane Amine Effects of Salt and pH**  
ATACI N., SARAÇ A.  
American Journal of Analytical Chemistry, vol.5, no.1, pp.22-27, 2014 (Journal Indexed in SCI Expanded)
- VI. **Selective precipitation of plasmid with a water-soluble cationic surfactant**  
Ataci N., Correia I., Arisan I., Marcos J. C.

POLYMERS FOR ADVANCED TECHNOLOGIES, vol.20, no.3, pp.151-155, 2009 (Journal Indexed in SCI)

VII. **Temperature and pH Effect on Milk Clotting Time of *Mucor miehei* Rennet**

Atacı N., Simsek G., Atac I. A. , Kuzu H.

ASIAN JOURNAL OF CHEMISTRY, vol.21, no.3, pp.1754-1758, 2009 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **Beyaz Çürükçül Mantarlarda Lakkaz Üretimini İncelenmesi**  
ATACI N., ARISAN İ.  
Sigma, vol.32, no.1, pp.61-70, 2014 (National Non-Refereed Journal)
- II. **Studies on Laccase Activity in the Filamentous Fungus *Trichoderma reesei***  
Atacı N., Arısan İ.  
IUFES Journal of Biology, vol.72, no.2, pp.37-42, 2013 (National Refereed University Journal)
- III. **Beyaz Çürükçül Mantarlardan Lignolitik Enzimlerin Yanında Endüstriyel Öneme Sahip Bazı Enzimlerin Varlığının Belirlenmesi ve Üretiminde Asidik Şartların Etki Mekanizmasının Rolü**  
Ozan V., ATACI N., Arısan İ.  
Biyoloji Bilimleri Araştırma Dergisi, vol.4, no.2, 2011 (National Non-Refereed Journal)
- IV. **Using Aqueous Two Phase System Combined with Isopropanol Precipitation for Isolation of Plasmid DNA from Alkaline Lysate**  
ATACI N., Arısan İ.  
Sigma Mühendislik ve Fen Bilimleri Dergisi, vol.28, no.1, 2010 (National Non-Refereed Journal)

### Refereed Congress / Symposium Publications in Proceedings

- I. **Studies of the Binding Mode Acetic Acid Derivative of Thioxanthone – Thioacetic Acid – Dioxide with Calf Thymus DNA by Spectroscopic Methods**  
Tuğla A., Özçelik E., Atacı N., Aydın M., Arsu N.  
4th European Symposium of Photopolymer Science (ESPS), Leipzig, Germany, 11 September 2016, pp.35
- II. **The Study of Binding Modes of Thioxanthone Diamine with Calf Thymus DNA**  
Halıcı R., Metin E., Atacı N., Arsu N.  
46th IUPAC World Polymer Congress, İstanbul, Turkey, 17 - 21 July 2016
- III. **Photochemically produced self-assembled Ag nanoparticles on calf thymus DNA chains**  
Batbay G. S. , ATACI N., Arsu N.  
46 th IUPAC World Polymer Congress (MACRO 2016), 01 July 2016
- IV. **The Study of binding modes of Thioxanthone-diamin with calf thymus DNA**  
Metin E., ATACI N., Arsu N.  
46 th IUPAC World Polymer Congress (MACRO 2016), 01 July 2016
- V. **Thioxanthone Acetic Acid Derivatives; Novel Fluorescent Probes Useful For DNA Detection**  
ATACI N., ARSU N.  
International Symposium on Ionic Polymerization, 01 June 2015
- VI. **Yüzey aktif maddelerin biyolojik uygulamalarda kullanılması**  
ATACI N., Saraç A.  
Yıldız Teknik Üniversitesi, III. Ar-Ge Proje Pazarı, 01 May 2013
- VII. **Effect of the Cationic Surfactant and Salt on plasmid DNA Precipitation: Role of the Surface Charge on Precipitation System**  
ATACI N., SARAÇ A.  
11. International Symposium on Polymers for Advanced Technologies, 01 October 2011
- VIII. **Precipitation in the presence of cationic surfactant/salt; effect of the surface charge on precipitation**  
ATACI N., Saraç A., Arısan İ.

European Biotechnology Congress, 01 September 2011

**IX. Plasmid DNA precipitation in the presence of cationic surfactant/salt: effect of the surface charge on precipitation**

Ataci N., Sarac A., ARISAN İ.

European Biotechnology Congress, İstanbul, Turkey, 28 September - 01 October 2011, vol.22

**X. Selectively precipitation of plasmid with a cationic surfactant**

ATACI N., Correira I., Arisan I., Marcos J. C.

9.International symposium on polymer for advanced technologies (PAT 2007), 01 October 2007

**XI. Mucor miehei rennet enziminin dekstran sülfat ile suda çözünebilir kovalent konjugatları ve floresans özellikleri**

ATACI N., Karşılaman H., Mustafaeva Akdeste Z., Mustafaev Akdeste M.

XVI. Ulusal Kimya Kongresi, 01 September 2002

**XII. Suda Çözünür polielektrolit-Mucor miehei rennet kompleksleri eldesi ve fonksiyonel özelliklerinin belirlenmesi**

ATACI N., Karşılaman H., Mustafaeva Akdeste Z., Mustafaev Akdeste M.

XV. Ulusal Kimya Kongresi, Boğaziçi Üniversitesi, 01 September 2001

## Supported Projects

ATACI N., Project Supported by Higher Education Institutions, Yeni Biyouyumlu Yüzey Aktif Maddelerin Biyomoleküllerle Etkileşimlerinin İncelenmesi, 2010 - 2012

ATACI N., Other Supported Projects, Beyaz ve Kahverengi Çürükçül Mantarların Taranması ve Lakkaz Üretmelerinin Araştırılması, 2007 - 2010

Akdeste M., Kızılman K., Atacı N., Mansuroğlu B., Özyiğit İ. E. , Altıkatoğlu Yapaöz M., Other Supported Projects, Fonksiyonel Biyopolimer Sistemler, 2003 - 2006

ALTIKATOĞLU YAPAÖZ M., ATACI N., MANSUROĞLU B., Other Supported Projects, Alfa Amilaz ve Horseradish Peroxidase Enzimlerinin Polisakkarid Konjugatları, 2003 - 2006

ALTIKATOĞLU YAPAÖZ M., MANSUROĞLU B., ATACI N., Other Supported Projects, Mucor Meihei Rennetin Kimyasal Modifikasyonu, 2001 - 2004

## Citations

Total Citations (WOS):34

h-index (WOS):3