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### Education Information

Doctorate, Cukurova University, Fen Bilimleri, Kimya/ Biyokimya, Turkey 2003 - 2009

Postgraduate, Cukurova University, Fen Bilimleri, Kimya/ Biyokimya, Turkey 2000 - 2003

Undergraduate, Cukurova University, Fen Edebiyat , Kimya, Turkey 1995 - 1999

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, "Katalazın Eupergit, Florisil ve Cam Desteklere Kovalent Olarak İmmobilizasyonu ve Karakterizasyonu", Cukurova University, Fen Bilimleri Enstitüsü, Kimya, 2009

Postgraduate, Florisil üzerine kovalent olarak tutuklanmış katalaz enziminin katalitik aktivitesinin incelenmesi, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, 2003

### Research Areas

Chemistry, Biochemistry

### Academic Titles / Tasks

Assistant Professor, Cukurova University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2018 - Continues

Assistant Professor, Cukurova University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri, 2013 - 2018

Research Assistant, Cukurova University, Fen Bilimleri Enstitüsü, Kimya, 2000 - 2010

### Academic and Administrative Experience

Cukurova University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2014 - Continues

Cukurova University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2014 - 2014

## Refereed Congress / Symposium Publications in Proceedings

- I. **Urease immobilization for removing urea**  
ALPTEKİN Ö., AVAN ÇELEBİ H.  
5TH INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, 23 November 2022, pp.378
- II. **Biochemical parameters in metabolic syndrome**  
AVAN ÇELEBİ H., Can S., ALPTEKİN Ö.  
5TH INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, 23 November 2022, pp.376
- III. **Hidrojen Sülfürün İskemik Sıçan Cilt fleplerinde Zamana Karşı Koruyucu Etkisinin Araştırılması**  
COŞKUN G., YAVUZ E., AYDINOĞLU F., AÇIKALIN A., ALPTEKİN Ö., POLAT S., ESER C.  
VII. INSAC Uluslararası Sağlık Bilimleri Kongresi (ICHES-2021), Turkey, 21 October 2021
- IV. **Hidrojen Sülfürün Rat Cilt Fleplerinde İskemi-Reperfüzyon Hasarına Karşı Koruyucu Etkisinin Araştırılması**  
COŞKUN G., DÜLGAR A. G., DAĞLIOĞLU Y. K., SEYDAOĞLU G., AYDINOĞLU F., AÇIKALIN A., ALPTEKİN Ö., POLAT S., KESİKTAŞ E.  
International Conference on Research in Health Sciences (ICRHS 2020), Konya, Turkey, 14 November 2020, vol.1, pp.176-177
- V. **Levels of metabolic markers in the liver of rats with metabolic syndrome.**  
ALPTEKİN Ö., TÜKEL S. S., TURAN B., KUYUCU Y.  
2nd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2019), 28 - 29 June 2019
- VI. **Polietilenimin ile Modifiye Edilmiş ZrO<sub>2</sub> Üzerine Üreazın Adsorpsiyon Yöntemi İle İmmobilizasyonu ve Karakterizasyonu**  
ALPTEKİN Ö.  
3. Ulusal Uygulamalı Biyolojik Bilimler Kongresi, Turkey, 3 March - 05 May 2018
- VII. **Immobilization of Urease onto Modified Calcium Silicate by Covalently and Characterization of Free and Immobilized Ureases**  
Alptekin Ö.  
IV. International Congress on Applied Biological Sciences, Eskişehir, Turkey, 3 - 05 May 2018
- VIII. **Üreazın Polietilenimin İle Modifiye Edilmiş Kalsiyum Silikat Üzerine İmmobilizasyonu**  
ALPTEKİN Ö.  
3. Ulusal Uygulamalı Biyolojik Bilimler Kongresi, Turkey, 3 - 05 May 2018
- IX. **Covalent Immobilization of Urease onto Florisil**  
ALPTEKİN Ö.  
IV. International Congress on Applied Biological Sciences, 3 - 05 May 2018
- X. **Çukurova Üniversitesi Eczacılık Fakültesi Eczacılık Eğitiminde Sosyal Sorumluluk Projelerinin Yeri ve Önemi**  
GÜVEN U. M., AYGÜL A., DEMİRTÜRK E., TARI Ö., DEMİRCİ KAYIRAN S., AYDINOĞLU F., ALPTEKİN Ö., AYDINOĞLU S., BÜYÜKNACAR H. S., Çıragil P., et al.  
II. Ulusal Eczacılık Eğitimi ve Akreditasyon Kongresi, Eskişehir, Turkey, 10 - 11 May 2018, pp.35
- XI. **EFFECTS OF METABOLIC SYNDROME ON ANTIOXIDANT ENZYMES ACTIVITIES OF MASSETER MUSCLE FROM MALE RATS**  
ALPTEKİN Ö., Tükel H. C., Turan B.  
11th International Symposium on Pharmaceutical Sciences (ISOPS-11), Ankara, Turkey, 9 - 12 June 2015, pp.225
- XII. **Katalazın 1,4 BDDGE ve PEGDGE Ara Kolları Üzerinden Cam Desteğe Kovalent İmmobilizasyonu**  
ALPTEKİN Ö., TÜKEL S. S.  
Uluslararası İlaç ve Eczacılık Kongresi, İstanbul, Turkey, 28 - 30 November 2014, pp.69
- XIII. **Katalazın 5-aminopentanoik asit ara kolu üzerinden modifiye edilmiş Florisil'e kovalent immobilizasyonu ve immobilize katalazın karakterizasyonu**  
ALPTEKİN Ö., YILDIRIM D., ALAGÖZ D., TÜKEL S. S.

5. Ulusal Kataliz Kongresi, Adana, Turkey, 23 - 26 April 2014, pp.428

- XIV. **Purification and characterization of *Prunus cerasifera* HNL and its application for enantiomeric synthesis of cyanohydrins**  
ALAGÖZ D., YILDIRIM D., TÜKEL S. S., ALPTEKİN Ö.  
38th Federation of European Biochemical Societies Congress, Saint Petersburg, Russia, 6 - 11 July 2013, pp.596
- XV. **Immobilization of *Aspergillus niger* EH onto modified Eupergit C and its application for asymmetric hydrolysis of (R/S)-styrene oxide**  
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European Biotechnology Congress, Bratislava, Slovakia, 16 - 18 May 2013, vol.24
- XXII. **Purification and characterization of *Prunus cerasifera* HNL and its application for enantiomeric synthesis of cyanohydrins**  
Alagoz D., Yildirim D., TÜKEL S. S., Alptekin O.  
38th Congress of the Federation-of-European-Biochemical-Societies (FEBS), Saint Peter, Guernsey And Alderney, 6 - 11 July 2013, vol.280, pp.596
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European Biotechnology Congress, Bratislava, Slovakia, 16 - 18 May 2013, pp.60

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25. Uluslararası Katılımlı Ulusal Kimya Kongresi, Erzurum, Turkey, 27 June - 02 July 2011, pp.62

- XLII. **Serbest ve immobilize epoksit hidrolazlar tarafından (R/S)?sitiren oksitin asimetric hidrolizi**  
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- LXXIV. **Characterization and application of catalase immobilized onto Eupergit C**  
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## XCVIII. Katalazın Florisil Üzerine Kovalent Olarak İmmobilizasyonu ve Karakterizasyonu

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### Supported Projects

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ALPTEKİN Ö., TOPRAK A., Project Supported by Higher Education Institutions, Üreazın Kalsiyum Silikat Üzerine Kovalent İmmobilizasyonu ve Karakterizasyonu, 2016 - 2019

ÖĞÜLENER N., ALPTEKİN Ö., ÇIRAGİL P., AYDINOĞLU S., DEMİRCİ S., TARI Ö., BÜYÜKNACAR H. S., AYDINOĞLU F., Project Supported by Higher Education Institutions, ÇÜ ECZACILIK FAKÜLTESİ İKİNCİ SINIF ÖĞRENCİ LABORATUVARI ALT YAPI PROJESİ, 2017 - 2017

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ALPTEKİN Ö., Project Supported by Higher Education Institutions, Effects of metabolic syndrome on antioxidant enzymes activities of masseter muscle from male rats, 2015 - 2015

### Scientific Refereeing

Journal of Biomaterials, Other Indexed Journal, April 2017

International Journal of Bioorganic Chemistry,, Other Indexed Journal, February 2017

Applied Microbiology and Biotechnology, SCI Journal, December 2016

Process Biochemistry, SCI Journal, July 2016

PROCESS BIOCHEMISTRY, SCI Journal, June 2016

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### Metrics

Publication: 120

Citation (WoS): 642

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H-Index (Scopus): 11

## **Congress and Symposium Activities**

Uluslararası İlaç ve Eczacılık Kongresi, Attendee, İSTANBUL, Turkey, 2014

Federation of European Biochemical Societies Congress 2013 ?Mechanisms in Biology?, Attendee, St. Petersburg, Russia, 2013

European Biotechnology Congress, Attendee, Bratislava, Slovakia, 2013

14th International Biotechnology Symposium and Exhibition. Biotechnology for the Sustainability of Human Society, Attendee, Rimini, Italy, 2010

14th European Congress on Biotechnology, Attendee, Barselona, Spain, 2009

International Enzyme Engineering Symposium, Attendee, AYDIN, Turkey, 2008

Second Annual Yök-Suny Collaboration Symposium Scientific Collaboration For Sustainable Development, Attendee, ADANA, Turkey, 2007

X. European Ecological Congress, Attendee, AYDIN, Turkey, 2005

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## **Non Academic Experience**

MILLI EGITIM BAKANLIGI