

# Prof. ELİF LOĐOĐLU

## Personal Information

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## Education Information

Doctorate, Ankara University, Fen Bilimleri Enstitüsü, Kimya (Dr), Turkey 1995 - 2001

Postgraduate, Ankara University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Turkey 1991 - 1994

Undergraduate, Ankara University, Faculty Of Science, Department Of Chemistry, Turkey 1986 - 1990

## Foreign Languages

English, C1 Advanced

## Certificates, Courses and Trainings

Occupational Health and Safety, KKDİK sistemi bilgilendirmesi, Çevre şehircilik ve İklim deęişikliği Bakanlığı, 2022

Quality Management, TS OIC/SMIIC 34 / Helal Gıda/Kozmetik Personel Belgelendirme Programları Bilgilendirme Eđitimi, TSE, 2022

Other, beautyworld middle east 2021 fuarı, İKMİB, 2021

Occupational Health and Safety, Kimyasal deęerlendirme eđiticilerin eđitim, Çevre şehircilik bakanlığı, 2021

Vocational Course, Kimyasal deęerlendirme eđiticilerin eđitimi, Çevre ve Şehircilik Bakanlığı, 2021

Innovation, İnovasyona Giriş, ankara kalkınma ajansı, 2021

Vocational Course, Kimyasal deęerlendirme eđiticilerin eđitimi, republic of turkey ministry of environment urbanisation, 2021

Brand Management, takviye edici gıda, tarım bakanlığı, 2020

Project Management, dıř uzmanlık eđitimi, ulusal ajans, 2020

## Dissertations

Doctorate, Akcięer yüzey proteini SP-C benzeri sentetik peptoidlerin sentezi, Ankara University, Fen Bilimleri Enstitüsü, Kimya (Dr), 2001

Postgraduate, Türkiye'xxde yetişen siderites türlerinin içerdikleri terpenoit bileşiklerin araştırılması, Ankara University, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 1950

## Research Areas

Natural Sciences

## Academic Titles / Tasks

Professor, Gazi University, Fen Fakültesi, Kimya, 2011 - Continues  
Associate Professor, Gazi University, Fen Fakültesi, Kimya, 2008 - 2011  
Assistant Professor, Gazi University, Fen Fakültesi, Kimya, 2005 - 2006  
Research Assistant, Ankara University, Fen Fakültesi, Kimya Bölümü, 1991 - 2004  
Expert, Northwestern University, Biotechnology Faculty, Kimya , 1998 - 1999

## Academic and Administrative Experience

Birim Kalite Komisyonu Başkanı, Gazi University, Fen Fakültesi, Kimya, 2022 - Continues  
Vice Dean, Gazi University, Fen Fakültesi, Kimya, 2022 - Continues  
Director of the Center, Gazi University, Fen Fakültesi, Kimya, 2008 - 2011

## Courses

entrepreneurship, Undergraduate, 2021 - 2022  
Diş hekimliği biyokimyası, Undergraduate, 2020 - 2021  
Blood and respiratory biochemistry, Undergraduate, 2019 - 2020, 2020 - 2021  
Biyokimya II, Undergraduate, 2019 - 2020  
biyoaktivite ve ilaç etken maddeleri, Undergraduate, 2016 - 2017  
kim 103, Undergraduate, 2016 - 2017  
biyokimya 1, Undergraduate, 2016 - 2017  
biyokimyada özel konular, Postgraduate, 2016 - 2017

## Advising Theses

LOĞOĞLU E., Synthesis, Characterization And Biological Applications Of Green Synthesis Method Of CuO Nanoparticles From Daphne (Laurus Nobilis) Leaf Extract, Postgraduate, A.DOĞAN(Student), 2019  
LOĞOĞLU E., Preparation Of Nanoparticle Based Optical Sensors, Postgraduate, F.BETÜL(Student), 2018  
LOĞOĞLU E., Purification and characterization of protease from Bacillus megaterium, Postgraduate, M.İŞMARCI(Student), 2014  
LOĞOĞLU E., Production and characterization of monoclonal antibody against to diphtheria toxin, Postgraduate, E.ÇİNAR(Student), 2014  
LOĞOĞLU E., For characterization and for determining activity of purification of protease from Bacillus subtilis (RSKK-11014), Postgraduate, S.ÖZDEN(Student), 2014  
LOĞOĞLU E., Partially purification and characterization of protease from Clostridium botulinum Type A, Postgraduate, Ş.DADI(Student), 2012  
LOĞOĞLU E., Purification and characterization of the lipase enzyme from Bacillus megaterium M22, Postgraduate, R.TEKİNER(Student), 2011  
LOĞOĞLU E., Purification and characterization of an extracellular alkaline protease from Bacillus subtilis M33, Postgraduate, M.NUR(Student), 2011  
LOĞOĞLU E., Beta-galaktosidaz enziminin mikrobiyal hücrelerden izolasyonu ve karakterizasyonu, Postgraduate, A.UYANIK(Student), 2008

## Jury Memberships

Associate Professor Exam, Associate Professor Exam, Burdur Mehmet Akif Ersoy Üniversitesi, March, 2021

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

- I. **Biological Activities and Biocompatibility Properties of Eu(OH)(3) and Tb(OH)(3) Nanorods: Evaluation for Wound Healing Applications**  
Avar E. C. , Turkmen K. E. , ERDAL E., LOĞOĞLU E., KATIRCIOĞLU H.  
BIOLOGICAL TRACE ELEMENT RESEARCH, 2022 (Journal Indexed in SCI)
- II. **Nanocomposite as Visible Sensing Platform for Hg 2+**  
Bal F. B. , Sari Üzek E., Üzek R., Loğoğlu E.  
IEEE Sensors Journal, vol.10, pp.10595-10602, 2021 (Journal Indexed in SCI)
- III. **Synthesis, characterization, and investigations of antimicrobial activity of benzopyrans, benzofurans and spiro[4.5]decanes**  
Akpınar D. E. , ÖZGÜR M., Aslan H., ALAGÖZ O., Oktemer A., DAL H., HÖKELEK T., Logoglu E.  
SYNTHETIC COMMUNICATIONS, vol.48, no.19, pp.2510-2521, 2018 (Journal Indexed in SCI)
- IV. **Purification and characterization of organic solvent stable serine alkaline protease from newly isolated Bacillus circulans M34**  
Sari E., Logoglu E., Oktemer A.  
BIOMEDICAL CHROMATOGRAPHY, vol.29, no.9, pp.1356-1363, 2015 (Journal Indexed in SCI)
- V. **In vivo toxicity of a new antifungal agent 2,4-dithiophenoxy-1-iodo-4-bromo benzene: a follow up on our in vitro study**  
KILIÇ SÜLOĞLU A., KOÇKAYA E. A. , KARACAOĞLU E., SELMANOĞLU G., Logoglu E.  
ARHIV ZA HIGIJENU RADA I TOKSIKOLOGIJU-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.66, no.1, pp.63-72, 2015 (Journal Indexed in SCI)
- VI. **Cytotoxic Effects of a Novel Thialo Benzene Derivative 2,4-Dithiophenoxy-1-iodo-4-bromobenzene (C18H12S2IBr) in L929 Cells**  
KILIÇ SÜLOĞLU A., KARACAOĞLU E., KOÇKAYA E. A. , SELMANOĞLU G., Logoglu E.  
INTERNATIONAL JOURNAL OF TOXICOLOGY, vol.33, no.4, pp.319-324, 2014 (Journal Indexed in SCI)
- VII. **Synthesis and evaluation of a series of aminocyanopyridines as antimicrobial agents**  
ALTUNDAŞ A., Ayvaz S., Logoglu E.  
MEDICINAL CHEMISTRY RESEARCH, vol.20, no.1, pp.1-8, 2011 (Journal Indexed in SCI)
- VIII. **Synthesis and biological activity studies of furan derivatives**  
Logoglu E., YILMAZ M., KATIRCIOĞLU H., Yakut M., Mercan S.  
MEDICINAL CHEMISTRY RESEARCH, vol.19, no.5, pp.490-497, 2010 (Journal Indexed in SCI)
- IX. **Synthesis, Characterization, Conductivity and Investigation of Antimicrobial and Fungus of Magnetic Polymer Including Schiff Bases**  
SARI N., Nartop D., Logoglu E.  
ASIAN JOURNAL OF CHEMISTRY, vol.21, no.3, pp.2331-2339, 2009 (Journal Indexed in SCI)
- X. **Synthesis of 2,4-dihalogenofluorobenzenes and their antimicrobial and antifungal activity studies**  
KATIRCIOĞLU H., Logoglu E., TILKİ T., Oktemer A.  
MEDICINAL CHEMISTRY RESEARCH, vol.16, no.5, pp.205-212, 2007 (Journal Indexed in SCI)
- XI. **Comparision of fluconazole and a novel antifungal thiohalo benzene derivative induced changes in histopathology and haematological parameters in rats**  
Kockaya E. A. , Kilic A., Selmanoglu G., Kus E., Logoglu E.  
TOXICOLOGY LETTERS, vol.172, 2007 (Journal Indexed in SCI)
- XII. **Cytochrome c adsorption on glutamic acid ligand immobilized magnetic poly(methylmethacrylate-co-glycidylmethacrylate) beads**  
Bayramoglu G., Logoglu E., Arica M. Y.  
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.297, pp.55-62, 2007 (Journal Indexed in SCI)
- XIII. **Antimicrobial activity studies on some piperidine and pyrrolidine substituted halogenobenzene derivatives**  
Arslan S., Logoglu E., Oktemer A.

JOURNAL OF ENZYME INHIBITION AND MEDICINAL CHEMISTRY, vol.21, no.2, pp.211-214, 2006 (Journal Indexed in SCI)

- XIV. **Biological activities of some natural compounds from Sideritis sipylea boiss**  
Logoglu E., Arslan S., Oktemer A., Sakiyan I.  
PHYTOTHERAPY RESEARCH, vol.20, no.4, pp.294-297, 2006 (Journal Indexed in SCI)
- XV. **Development of lactose biosensor based on beta-galactosidase and glucose oxidase immobilized into gelatin**  
Logoglu E., Sungur S., Yildiz Y.  
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, no.3, pp.525-533, 2006 (Journal Indexed in SCI)
- XVI. **Antimicrobial activities of N-(2-hydroxy-1-naphthalidene)-amino acid(glycine, alanine, phenylalanine, histidine, tryptophane) Schiff bases and their manganese(III) complexes**  
Sakiyan I., Logoglu E., Arslan S., Sari N., Sakiyan N.  
BIOMETALS, vol.17, no.2, pp.115-120, 2004 (Journal Indexed in SCI)
- XVII. **Structure and characterization of N-(2-hydroxy-1-naphthylidene)threonine**  
Ozcan Y., İDE S., Sakiyan I., Logoglu E.  
JOURNAL OF MOLECULAR STRUCTURE, vol.658, no.3, pp.207-213, 2003 (Journal Indexed in SCI)

### Articles Published in Other Journals

- I. **Purification of Alkaline Serine Protease From Local Bacillus subtilis M33 by Two Steps: a Novel Organic Solvent and Detergent Tolerant Enzyme**  
Sonuc Karaboga M. N. , Logoglu E.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.32, no.1, pp.116-129, 2019 (Journal Indexed in ESCI)
- II. **Biological Activity Studies of Some Synthesized Novel Furan and Pyran Derivatives**  
Sari E., Aslan H., Dadi S., Oktemer A., Logoglu E.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.30, no.4, pp.49-55, 2017 (Journal Indexed in ESCI)
- III. **Effects of the New Antifungal Thio Halo-Benzene Derivative 5-Bromo-2-Iodo-1,3-Bis(Phenylthio)Benzene Molecule on Rat Liver and Kidney Tissue Oxidative Events**  
Logoglu E., ÇİNAR AVAR E., COŞKUN CEVHER Ş.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.30, no.3, pp.237-244, 2017 (Journal Indexed in ESCI)
- IV. **Synthesis and A Suggestion Mechanism on Biological Evaluation of Amino Acid-Schiff Base Ligands and Co(II), Cu(II) and Ni(II) Complexes**  
Koyuncu E. A. , KARABOĞA M. N. S. , Logoglu E., Sari N.  
GAZI UNIVERSITY JOURNAL OF SCIENCE, vol.29, no.2, pp.303-307, 2016 (Journal Indexed in ESCI)
- V. **Synthesis Antimicrobial and Antifungal Activity Studies of 2,4-Dihalogenofluoro Benzenes**  
KATIRCIOĞLU H., LOĞOĞLU E., TİLKİ T., ATILLA Ö.  
Medicinal Chemistry Research, vol.16, no.5, pp.205-212, 2007 (Refereed Journals of Other Institutions)
- VI. **Synthesis and biological activity studies of mono and di halogenofluoro benzenes**  
LOĞOĞLU E., KATIRCIOĞLU H., TİLKİ T., ATILLA Ö.  
Asian Journal Of Chemistry, vol.19, no.3, pp.2029-2035, 2007 (Refereed Journals of Other Institutions)
- VII. **Antibacterial activities of some new amino acid Schiff bases**  
Sarı N., Arslan S., Loğoğlu E., Şakiyan İ.  
Journal of the Institute of Science and Technology, Gazi Uni., vol.16, no.2, pp.283, 2003 (Other Refereed National Journals)

### Refereed Congress / Symposium Publications in Proceedings

- I. **PARTIALLY PURIFICATION AND CHARACTERIZATION OF PROTEASE ENZYME FROM Clostridium**

**botulinum TYPE A**

ÇİNAR AVAR E., DADI Ş., LOĞOĞLU E.

ICFAS 2017, 20 - 23 August 2017

- II. **Proteaz Enziminin Bacillus megaterium Bakterisinden Saflaştırılması ve Karakterizasyonu**  
LOĞOĞLU E., ÇİNAR AVAR E., Özden s.  
biomed, 07 June 2017
- III. **Purification and Characterization of Protease Enzyme from Bacillus megaterium Bacteria**  
ÇİNAR AVAR E., İŞMARCI M., LOĞOĞLU E.  
22. Biyomedikal Bilim ve Teknoloji Sempozyumu, Ankara, Turkey, 12 - 14 May 2017
- IV. **Synthesis of 3-Cyano-N-pyridinyl Acetamide Derivatives and Investigation of Their Antimicrobial Effects**  
ALTUNDAŞ A., LOĞOĞLU E., BALABANLI K. B. , COŞKUN CEVHER Ş.  
Biomed2017, 12 - 14 May 2017
- V. **Synthesis of 3-Cyano-N-pyridinyl Acetamide Derivatives and Investigation of Their Antimicrobial Effects”**  
ALTUNDAŞ A., LOĞOĞLU E., BALABANLI K. B. , Coşgun Cevher S.  
Biomed 2017, International Biomedical Science Technology Symposium, 12 - 14 May 2017
- VI. **investigation of the effect of 2 4 dithio phenoxy 1 iodo 4 bromo benzene molecule on rat liver and kidney tissue**  
ÇİNAR AVAR E., LOĞOĞLU E., COŞKUN CEVHER Ş.  
international congres on biosensors 2016, 5 - 07 October 2016
- VII. **Galaktozidaz Enziminin Geri Dönüşümlü Immobilizasyonunda Kullanılmak Üzere Afinite Destek Materyalinin Hazırlanması ve Sürekli Sistem Uygulaması**  
BAYRAMOĞLU G., LOĞOĞLU E., ALTINTAŞ B.  
III. Ulusal Afinite teknikleri Kongresi, Bursa, Turkey, 12 - 14 September 2007
- VIII. **glutamik asit ligandı tutuklu manyetik poli metilmetakrilat ko glisidil metakrilat küreler üzerine sitokrom c adsorpsiyonu**  
LOĞOĞLU E., BAYRAMOĞLU G.  
VII. Ulusal Kromatografi Kongresi, Kırıkkale, Turkey, 13 - 15 June 2007
- IX. **Glikoz oksidazın uzatma kolu takılı l histidin ligandı bağlı poliglisidil metakrilat kürelere adsorpsiyonu**  
BAYRAMOĞLU G., LOĞOĞLU E., ARICA M. Y.  
VI. Ulusal Kromatografi Kongresi, İzmir, Turkey, 28 - 30 June 2006
- X. **Antimicrobial Activities of N-Naphthalidene-(Glycine, Phenylalanine, Alanine and Histidine) Schiff Bases and Their Manganese(III) Complexes**  
SARI N., LOĞOĞLU E., ARSLAN S., Şakıyan İ.  
IX. International Symposium on Biomedical Science and Technology, 19 - 22 September 2002
- XI. **Antibacterial Activites of Novel Schiff Bases, N-Indolidene-DL-Glycine, N-Indolidene-DL-Alanine and N-Indolidene-DL-Valine,**  
LOĞOĞLU E., ARSLAN S., SARI N., Şakıyan İ.  
IX. International Symposium on Biomedical Science and Technology, 19 September 2002 - 22 September 2019

## Other Publications

- I. **uretici-koyluve-pazarlama-ve-markalasma-destegi-verilsin**  
Loğoğlu E.  
Other, pp.2, 2022

## Supported Projects

- LOĞOĞLU E., ÇİNAR AVAR E., Project Supported by Higher Education Institutions, Diyabetik Yara Tedavisi İçin Yeni Teranostik Yara Örtüsünün Geliştirilmesi ve in vitro/in vivo Değerlendirilmesi, 2021 - Continues
- LOĞOĞLU E., Project Supported by Higher Education Institutions, Defne (Laurus Nobilis) Ekstraktından Metal Oksit (CuO, MgO ve Fe<sub>2</sub>O<sub>3</sub>) Nanopartiküllerin Hazırlanması ve Antimikrobiyal, Sitotoksik, Antioksidan, Fotokatalitik Aktivitelerinin İncelenmesi, 2019 - 2022
- LOĞOĞLU E., Project Supported by Higher Education Institutions, karbon nano partikül temelli optik nanobiyosensör hazırlanması, 2017 - 2018
- LOĞOĞLU E., COŞKUN CEVHER Ş., Project Supported by Other Official Institutions, bazı bitkisel yağlardan biyoinsektisit yapımı, 2017 - 2018
- LOĞOĞLU E., Project Supported by Higher Education Institutions, Nanopartikül Temelli Optik Sensörlerin Hazırlanması, 2017 - 2018
- COŞKUN CEVHER Ş., ALTUNDAŞ A., LOĞOĞLU E., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Tatlı Fikirler Girişimci Kadınlar, 2016 - 2017
- LOĞOĞLU E., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Mahkum Kadınlar için keğitim ihtiyaç analizi ve kariyer haritasının oluşturulması, 2015 - 2015
- LOĞOĞLU E., Project Supported by Higher Education Institutions, Difteri Toksinine Karşı Monoklonal Antikor Üretimi ve Karakterizasyonu, 2012 - 2013
- LOĞOĞLU E., Project Supported by Higher Education Institutions, Bacillus licheniformis'ten alkalen serin proteazın saflaştırılması, 2012 - 2013
- LOĞOĞLU E., Project Supported by Higher Education Institutions, Alkalen serin proteazın karakterizasyon çalışmaları, 2012 - 2013
- LOĞOĞLU E., Project Supported by Higher Education Institutions, Bacillus licheniformis'den proteaz enziminin saflaştırılması ve karakterizasyonu, 2011 - 2013
- LOĞOĞLU E., Project Supported by Higher Education Institutions, Bacillus sp. türünden saflaştırılan proteaz enziminin, ileri düzeyde saflaştırılması ve Endüstriyel kullanım şartlarının belirlenmesi, 2010 - 2012
- LOĞOĞLU E., Other Supported Projects, Gence Geçit ver, 2010 - 2010

## Memberships / Tasks in Scientific Organizations

- Helal kozmetik komitesi/Türk standartlar Enstitüsü, Vice President, 2021 - Continues, Turkey
- Türkiye Kimya derneği Ankara Şubesi, Chairman, 2021 - Continues, Turkey

## Scientific Consultations

- DS nano ve bio, Project Consultancy, Gazi University, Fen Fakültesi, Kimya, Turkey, 2020 - Continues
- TSE, Scientific Consultancy, Gazi University, Fen Fakültesi, Kimya, Turkey, 2019 - Continues
- Ankara Kalkınma ajansı, Scientific Consultancy, Gazi University, Fen Fakültesi, Kimya, Turkey, 2019 - 2019

## Citations

- Total Citations (WOS):348
- h-index (WOS):9