

## Prof. Banu MANSUROĞLU

### Personal Information

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### International Researcher IDs

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### Education Information

Doctorate, Yıldız Technical University, Fen - Edebiyat Fakültesi, Kimya Bölümü, Turkey 2001 - 2007

Istanbul University, Tıp Fakültesi, Biyokimya, Turkey Continues

Undergraduate, Istanbul University, Fen-Edebiyat Fakültesi, Biyoloji, Turkey Continues

### Certificates, Courses and Trainings

Vocational Training, Deney Hayvanlarının Biyolojik Araştırmalarda Kullanılması Kursu, Bezmi Alem Üniversitesi, 2011

### Research Areas

Life Sciences, Biochemistry, Biomolecules, Molecular Biochemistry, Biotechnology, Biomaterial, Molecular Biology and Genetics, Molecular Biology of Cancer, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Yıldız Technical University, Faculty Of Arts & Science, Department Of Molecular Biology And Genetics, 2017 - Continues

### Academic and Administrative Experience

Deputy Head of Department, Yıldız Technical University, Faculty Of Arts & Science, Department Of Molecular Biology And Genetics, 2015 - 2021

### Courses

Tıbbi Biyokimya, Undergraduate, 2021 - 2022

Hücre kültürleri, Doctorate, 2021 - 2022  
Biyokimya 2, Undergraduate, 2021 - 2022  
Biyokimya 1, Undergraduate, 2021 - 2022  
İleri Moleküler Hücre Biyolojisi, Postgraduate, 2021 - 2022

## Advising Theses

Mansuroğlu B., Aptamer ile Fonksiyonlandırılmış Gingko Biloba-Cisplatin Yüklü Poli(laktik asit-ko-glikolik asit)-Polietilen Glikol Nanopartiküllerinin Meme Kanseri Üzerindeki Biyolojik Etkinliğinin İncelenmesi, Postgraduate, C.KAYA(Student), 2020

Mansuroğlu B., Bilir A., MCF-7 Hücre Kültürlerinde Taksifolin ve Lityum Klorür Uygulamalarının Midkine Ekspresyonu Üzerine Etkilerinin Değerlendirilmesi, Postgraduate, İ.ENGÜLEÇ(Student), 2020

Mansuroğlu B., Sinapik asit yüklü nanopartiküllerin MCF-7 meme kanseri hücrelerinde antikanser özelliklerinin incelenmesi, Postgraduate, G.AKBAŞ(Student), 2020

Mansuroğlu B., Sinapik asit yüklü polimerik nanopartiküllerin fibroblast ve glioma hücre soyları üzerinde sitotoksitesite ve genotoksitesinin incelenmesi, Postgraduate, F.ŞAYAN(Student), 2019

Türkoğlu N., Mansuroğlu B., Alfa tokoferol yüklü karboksimetilselüloz kitosan kopolimerlerinin yara örtü materyali olarak in vitro değerlendirilmesi, Postgraduate, M.BİLGİÇ(Student), 2017

Mansuroğlu B., Yücel F., Kistik Fibrozis Tanısına Yönelik Monoklonal Antikor Geliştirilmesi, Postgraduate, T.Nur(Student), 2016

MANSUROĞLU B., Juglon Yüklü Nanopartiküllerin Üretimi ve Karakterizasyonu, Postgraduate, G.Yelkenci(Student), 2016

Mansuroğlu B., Ersöz M., Kuersetin ve Kuersetin-Borik Asit Kombinasyonlarının 8305C Anaplastik Tiroid Kanseri Hücreleri Üzerindeki Antiproliferatif, Apoptotik ve Antioksidan Etkisinin İncelenmesi, Postgraduate, S.Bulut(Student), 2016

Mansuroğlu B., Katesin Yüklü Nano Partiküllerin Antioksidan Statü Üzerine Etkisinin İncelenmesi, Postgraduate, B.Tuncer(Student), 2016

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

- I. **Combination therapy application of Abemaciclib with Doxorubicin in triple negative breast cancer cell line MDA-MB-231**  
Eralp T. N., Sevinc A., MANSUROĞLU B.  
Cellular and Molecular Biology, vol.70, no.2, pp.169-177, 2024 (SCI-Expanded)
- II. **Investigation of cytotoxic antiproliferative and antiapoptotic effects of nanosized boron phosphate filled sodium alginate composite on glioblastoma cancer cells**  
Poyraz F. Ş., Ugraskan V., Mansuroglu B., Yazici Ö.  
Molecular Biology Reports, vol.50, no.12, pp.10257-10270, 2023 (SCI-Expanded)
- III. **Investigation of cellular and molecular mechanisms of caffeic acid phenethyl ester loaded nanoparticle systems in breast cancer cell lines**  
Poyraz F. Ş., Colpan R. D., Derman S., Mansuroğlu B., Erdemir A.  
Process Biochemistry, vol.134, pp.32-43, 2023 (SCI-Expanded)
- IV. **Effects of walnut (Juglans regia L.) kernel extract and juglone on dopamine levels and oxidative stress in rats**  
ÇİNTESUN Ş., ÖZMAN Z., KOÇYİĞİT A., MANSUROĞLU B., KOCAÇALIŞKAN İ.  
Food Bioscience, vol.51, 2023 (SCI-Expanded)
- V. **Chitosan/dextran sulphate sodium hydrogels for wound healing material: preparation, characterisation and in vitro evaluation**  
Mansuroğlu B., Kizilbey K., Sayan Poyraz F. Ş., Yurttas Z., Fuerkaiti S. N., Abaoglu I. Y., Basat H. N.  
MATERIALS TECHNOLOGY, vol.36, no.14, pp.843-850, 2021 (SCI-Expanded)

- VI. **Synthetic peptide vaccine for Foot-and- Mouth Disease: synthesis, characterization and immunogenicity**  
MANSUROĞLU B., DERMAN S., KIZILBAY K., ATEŞ S. C., AKDESTE Z. M.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.45, no.6, pp.859-868, 2020 (SCI-Expanded)
- VII. **Synthesis and Characterization of Catechin Loaded Microparticles and Their Evaluation for Antimutagenic Activity Against S. typhimurium Mutant Strains.**  
Arasoğlu T., Türkoğlu B., Akmayan İ., Mansuroğlu B., Derman S.  
Fresenius Environmental Bulletin, vol.1, pp.1, 2020 (SCI-Expanded)
- VIII. **Synthesis and Characterization of Catechin Loaded Microparticles and Their Evaluation For Antimutagenic Activity Against S. typhimurium Mutant Strains**  
Arasoğlu T., Türkoğlu B., Akmayan İ., Mansuroğlu B., Derman S.  
Fresenius Environmental Bulletin, no.29, pp.7329-7334, 2020 (SCI-Expanded)
- IX. **Synthesis and characterization of catechin loaded nanoparticles and their evaluation for antimutagenic activity against S. Typhimurium strains**  
Arasoglu T., TÜRKÖĞLU B., AKMAYAN I., MANSUROĞLU B., DERMAN S.  
Fresenius Environmental Bulletin, vol.29, no.9, pp.7326-7334, 2020 (SCI-Expanded)
- X. **Catechin Loaded Poly(lactic-co-glycolic acid) Nanoparticles: Characterization, Antioxidant and Cytotoxic Activity Against MCF-7 Breast Cancer Cells**  
Türkoğlu B., Mansuroğlu B.  
JOURNAL OF NANOSCIENCE AND NANOTECHNOLOGY, vol.20, pp.5313-5321, 2020 (SCI-Expanded)
- XI. **Quercetin-loaded nanoparticles enhance cytotoxicity and antioxidant activity on C6 glioma cells**  
Ersoz M., Erdemir A., Derman S., Arasoglu T., Mansuroglu B.  
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.25, pp.757-766, 2020 (SCI-Expanded)
- XII. **Inhibitory effects of aptamer targeted teicoplanin encapsulated PLGA nanoparticles for Staphylococcus aureus strains**  
Ucak S., Sudagidan M., Borsa B. A., Mansuroğlu B., Ozalp V. C.  
World Journal of Microbiology and Biotechnology, vol.36, 2020 (SCI-Expanded)
- XIII. **Cytotoxic and mutagenic potential of juglone: a comparison of free and nano-encapsulated form**  
Erişen S., Arasoğlu T., Mansuroğlu B., Kocaçalışkan İ., Derman S.  
Arhiv za Higijenu Rada i Toksikologiju, vol.71, no.1, pp.69-77, 2020 (SCI-Expanded)
- XIV. **Antioxidant Activity and Hemocompatibility Study of Quercetin Loaded Plga Nanoparticles**  
DERMAN S., UZUNOĞLU D., ACAR T., ARASOĞLU T., UCALP V. C., MANSUROĞLU B.  
IRANIAN JOURNAL OF PHARMACEUTICAL RESEARCH, vol.19, no.1, pp.424-435, 2020 (SCI-Expanded)
- XV. **In vitro evaluation of alpha-tocopherol loaded carboxymethylcellulose chitosan copolymers as wound dressing materials**  
Bilgic M. B., Lacin N., Berber H., Mansuroğlu B.  
MATERIALS TECHNOLOGY, vol.34, pp.386-393, 2019 (SCI-Expanded)
- XVI. **Comparative evaluation of hesperetin loaded nanoparticles for anticancer activity against C6 glioma cancer cells**  
Ersoz M., Erdemir A., Duranoglu D., Uzunoglu D., Arasoglu T., Derman S., Mansuroglu B.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.47, pp.319-329, 2019 (SCI-Expanded)
- XVII. **Synthesis of hesperetin-loaded PLGA nanoparticles by two different experimental design methods and biological evaluation of optimized nanoparticles**  
Duranoglu D., Uzunoglu D., Mansuroğlu B., Arasoğlu T., Derman S.  
NANOTECHNOLOGY, vol.29, 2018 (SCI-Expanded)
- XVIII. **An In vivo study: Adjuvant activity of poly-n-vinyl-2-pyrrolidone-co-acrylic acid on immune responses against Melanoma synthetic peptide**  
Kızılbaş K., MANSUROĞLU B., DERMAN S., AKDESTE Z.  
BIOENGINEERED, vol.9, no.1, pp.134-143, 2018 (SCI-Expanded)
- XIX. **Synthesis, characterization and antibacterial activity of juglone encapsulated PLGA nanoparticles**  
Arasoğlu T., Derman S., Mansuroğlu B., Yelkenci G., Kocuyigit B., Gumus B., Acar T., Kocaçalışkan İ.

JOURNAL OF APPLIED MICROBIOLOGY, vol.123, pp.1407-1419, 2017 (SCI-Expanded)

- XX. **THE STUDY OF SYNTETIC PEPTIDE LOADED PLGA NANOPARTICLES CYTOTOXICITY IN VITRO**  
DERMAN S., AKDESTE Z. M., Ates S. C., MANSUROĞLU B., Kizilbey K., BAĞIROVA M., ALLAHVERDİYEV A.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.26, pp.1646-1653, 2017 (SCI-Expanded)
- XXI. **Preparation, characterization, and enhanced antimicrobial activity: quercetin-loaded PLGA nanoparticles against foodborne pathogens**  
ARASOĞLU T., DERMAN S., MANSUROĞLU B., Uzunoglu D., KOCYIGIT B., GUMUS B., ACAR T., TUNCER B.  
TURKISH JOURNAL OF BIOLOGY, vol.41, no.1, pp.127-140, 2017 (SCI-Expanded)
- XXII. **Enhancement of Antifungal Activity of Juglone (5-Hydroxy-1,4-naphthoquinone) Using a Poly(D, L-lactic-co-glycolic acid) (PLGA) Nanoparticle System**  
Arasoğlu T., Mansuroğlu B., Derman S., Gumus B., Kocyigit B., Acar T., Kocaçalışkan İ.  
Journal of Agricultural and Food Chemistry, vol.64, no.38, pp.7087-7094, 2016 (SCI-Expanded)
- XXIII. **Comparative evaluation of antibacterial activity of caffeic acid phenethyl ester and PLGA nanoparticle formulation by different methods**  
ARASOĞLU T., DERMAN S., MANSUROĞLU B.  
NANOTECHNOLOGY, vol.27, no.2, 2016 (SCI-Expanded)
- XXIV. **HAIR, URINE AND SERUM SELENIUM STATUS IN PEDIATRIC CANCER PATIENTS**  
Karaman S., Vural S., Mansuroğlu B., Yildirmak Y., Kizilbey K., Derman S., Hazar A. B.  
PEDIATRIC BLOOD & CANCER, vol.62, 2015 (SCI-Expanded)
- XXV. **Protective effect of chemically modified SOD on lipid peroxidation and antioxidant status in diabetic rats**  
MANSUROĞLU B., DERMAN S., Yaba A., Kizilbey K.  
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.72, pp.79-87, 2015 (SCI-Expanded)
- XXVI. **Selenium status in blood, urine, and hair samples of newly diagnosed pediatric cancer patients**  
Karaman S., MANSUROĞLU B., Kizilbey K., DERMAN S., HAZAR A. B.  
TURKISH JOURNAL OF MEDICAL SCIENCES, vol.45, no.2, pp.329-334, 2015 (SCI-Expanded)
- XXVII. **SYNTHESIS AND CHARACTERIZATION OF CANINE PARVOVIRUS (CPV) VP2 W-7L-20 SYNTHETIC PEPTIDE FOR SYNTHETIC VACCINE**  
DERMAN S., Kizilbey K., MANSUROĞLU B., Mustafaeva Z.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.23, pp.558-566, 2014 (SCI-Expanded)
- XXVIII. **Poly(N-Vinyl-2-Pyrrolidone-co-Acrylic Acid)- Bovine Serum Albumin Complex Formation Studied by HPLC and UV/Vis Spectroscopy**  
DERMAN S., Kizilbey K., MANSUROĞLU B., Mustafaeva Z.  
ROMANIAN BIOTECHNOLOGICAL LETTERS, vol.17, no.4, pp.7408-7417, 2012 (SCI-Expanded)
- XXIX. **Characterization of water-soluble conjugates of polyacrylic acid and antigenic peptide of FMDV by size exclusion chromatography with quadruple detection**  
Mansuroğlu B., Mustafaeva Z.  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.32, pp.112-118, 2012 (SCI-Expanded)
- XXX. **Investigation of protein-polyelectrolyte complex and conjugates by high performance liquid chromatography methods**  
MANSUROĞLU B., Kizilbey K., DERMAN S., Mustafaeva Z.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.36, no.1, pp.21-28, 2011 (SCI-Expanded)
- XXXI. **Lipid peroxidation and osmotic fragility of red blood cells in sleep-apnea patients**  
Mansuroğlu B., Pelin Z., Çelikoğlu F., Gökhan N., Yalçın A. S., Yüksel M.  
Clinica Chimica Acta, vol.332, no.1, pp.83-88, 2003 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Enhancement of Paclitaxel Therapeutic Effect by Aptamer Targeted Delivery in PLGA Nanoparticles**

Dursun A. D., Uçak S., Poyraz F. Ş., Yılmaz E., Mansuroğlu B., Özalp V. C.

The Eurasian Journal of Medical Investigation (EJMI) , vol.5, no.4, pp.422-426, 2022 (Peer-Reviewed Journal)

- II. **2,4-Dichlorophenoxyacetic Acid Loaded Polymeric Nanoparticle Synthesis and Its Effect on Biomass in Medicago sativa Cell Suspension Cultures**  
POYRAZ F. Ş., Abacı E., Ertürk C., Acar T., DERMAN S., ERİŞEN S., MANSUROĞLU B.  
International Journal of Life Sciences and Biotechnology, 2021 (Peer-Reviewed Journal)
- III. **MAM-6E7, MAM-3E7, MAM-6G7 (Antirecombinant Human Trypsin-2)**  
Eralp T. N., Mansuroğlu B., Akçael E., Mansuroğlu B., Fatma Y.  
Monoclonal Antibodies in Immunodiagnosis and Immunotherapy, vol.35, pp.307-308, 2016 (Scopus)
- IV. **ANTIOXIDANT EFFECT OF CATECHIN LOADED POLYMERIC NANOPARTICLE**  
Tuncer B., Mansuroğlu B., Derman S.  
SIGMA JOURNAL OF ENGINEERING AND NATURAL SCIENCES-SIGMA MUHENDISLIK VE FEN BILIMLERI DERGISI, vol.34, no.3, pp.453-465, 2016 (ESCI)
- V. **Conjugation of BSA Protein and VP/AA Copolymers**  
MANSUROĞLU B.  
International Journal of Natural and Engineering Sciences, vol.3, no.2, pp.36-40, 2009 (Peer-Reviewed Journal)
- VI. **Investigation of Protein and Polymer as a Carrier on Immune System**  
MANSUROĞLU B.  
International Journal of Natural and Engineering Sciences, vol.3, no.2, pp.32-35, 2009 (Peer-Reviewed Journal)
- VII. **Adaptation to nocturnal intermittent hypoxia in sleep disordered breathing: 2,3 diphosphoglycerate levels: A preliminary study**  
MANSUROĞLU B.  
Sleep and Hypnosis, vol.4, no.4, pp.144-149, 2002 (Scopus)

## Books & Book Chapters

- I. **Use of biomaterials and biomolecules for the prevention of restenosis**  
Türkoğlu N., Kızılbaş K., Mansuroğlu B.  
in: Muscle Cell and Tissue, Haruo Sugi, Editor, Intechopen, London, pp.415-439, 2015
- II. **Fotosentez**  
Mansuroğlu B.  
in: Schoums Biyoloji, Mehmet KARATAŞ, Editor, NOBEL Akademik Yayıncılık, İstanbul, pp.80-92, 2015

## Refereed Congress / Symposium Publications in Proceedings

- I. **Development of Boric Acid-Loaded Targeted Nanoformulations for the Treatment of Glioblastoma**  
Poyraz F. Ş., Erdemir Üstündağ A., Mansuroğlu B.  
Frühjahrssymposium 2023, Giessen, Germany, 21 - 24 March 2023, pp.136
- II. **MAPK6 genini hedefleyen siRNA yüklü PLGA nanopartiküllerinin meme kanseri hücre dizilerinde antikanser etkilerinin değerlendirilmesi**  
Toruntay C., Poyraz F. Ş., Süsgün S., Yücesan E., Mansuroğlu B.  
5TH INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES (EURASIANBIOCHEM 2022), Ankara, Turkey, 23 - 25 November 2022, pp.226
- III. **Ceviz (Juglans regia L.) ekstraktı ve juglonun ratlarda dopamin seviyesi üzerine etkileri**  
ÇİNTESUN Ş., ÖZMAN Z., MANSUROĞLU B., KOÇYİĞİT A., KOCAÇALIŞKAN İ.  
4TH INTERNATIONAL EURASIAN CONFERENCE ON BIOLOGICAL AND CHEMICAL SCIENCES, İstanbul, Turkey, 24 November 2021, pp.364
- IV. **Characterization of Cisplatin-Ginkgo Biloba Loaded Nanoparticulate Systems and Their Cytotoxic Effect on Breast Cancer**

Poyraz F. Ş., Mansuroğlu B., Kaya C.

JCF Frühjahrssymposium 2021, Leipzig, Germany, 29 March - 01 April 2021, pp.66

- V. **Investigation of the effect of pumpkin seed oil loaded PEG-PCL micelles on breast cancer and glioma cells.**  
Topuzoğulları N. S., Topuzoğulları M., Mansuroğlu B.  
3rd International Eurasian Conference on Biological and Chemical Sciences, İstanbul, Turkey, 19 - 20 March 2020, pp.789-796
- VI. **Investigation of sinapic acid loaded nanoparticles in breast cancer cell lines.**  
Poyraz F. Ş., Mansuroğlu B., Derman S., Duranoğlu Dinçer D., Ersöz M., Akbaş G.  
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara, Turkey, 19 - 20 March 2020, pp.147
- VII. **Investigation Of Biological Activity Of Catechin Loaded Nanoparticles**  
Mansuroğlu B., Türkoğlu B.  
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020) , Ankara, Turkey, 19 - 20 March 2020, pp.767
- VIII. **A nanobiotechnological approach: Caffeic acid phenethyl ester loaded polymeric nanoparticles and its cytotoxic effect in breast cancer cells.**  
Poyraz F. Ş., Colpan R. D., Derman S., Mansuroğlu B., Erdemir A.  
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, pp.405
- IX. **Fenolik Bileşik İçeren Nanopartiküler Sistemlerin Glioma Hücreleri Üzerinde Sitotoksik ve Genotoksik Etkilerinin İncelenmesi**  
Poyraz F. Ş., Mansuroğlu B.  
31. Ulusal Kimya Kongresi, İstanbul, Turkey, 10 - 13 September 2019, pp.168
- X. **CAPE loaded PLGA nanoparticles conjugated with angiopep-2 peptide for targeting glioma**  
Bozkurt Y., Poyraz F. Ş., Acar T., Mansuroğlu B., Derman S.  
2nd International Eurasian Conference on Biological and Chemical Sciences, Ankara, Turkey, 28 - 29 June 2019, pp.489
- XI. **Angiopep-2 Peptidi ile Hedeflendirilmiş CAPE Yüklü PLGA Nanopartiküllerinin Sentezi ve Karakterizasyonu**  
POYRAZ F. Ş., Bozkurt Y., Acar T., DERMAN S., MANSUROĞLU B.  
IV. Yaşam Bilimleri Kongresi, Kayseri, Turkey, 22 February 2019, pp.43-44
- XII. **Production and Characterization of Sinapic Acid Loaded PLGA Nanoparticles**  
POYRAZ F. Ş., Akbaş G., DERMAN S., DURANOĞLU DİNÇER D., ARASOĞLU T., MANSUROĞLU B.  
4th International Congress on Applied Biological Sciences, Eskişehir, Turkey, 03 May 2018, pp.220
- XIII. **Examination of the Antibiofilm Activity of Juglone-PLGA Nanoparticles**  
Gümüş B., Acar T., Atabay T., MANSUROĞLU B., DERMAN S., ARASOĞLU T.  
4th International Congress on Applied Biological Sciences (ICABS), Eskişehir, Turkey, 03 May 2018, pp.236
- XIV. **Toxicity and Antioxidant Properties of Quercetin on 8305C Cells**  
POYRAZ F. Ş., MANSUROĞLU B., Bulut S., Ersöz M.  
7th International Molecular Biology and Biotechnology Congress, Konya, Turkey, 25 April 2018, pp.17
- XV. **Kitosan-dekstran sülfat sodyum bazlı fiziksel hidrojellerin sentezi, karakterizasyonu ve biyouyumluluğunun incelenmesi**  
YURTTAŞ Z., TURGUT S., ABAOĞLU İ., POYRAZ F. Ş., MANSUROĞLU B.  
4.Biyomalzeme Günleri, Yalova, Turkey, 19 - 20 October 2017
- XVI. **Alfa tokoferol yüklü karboksimetil selüloz kitosan kopolimerinin yara örtüsü olarak değerlendirilmesi**  
MANSUROĞLU B., BAYINDIR m., TÜRKOĞLU N., BERBER YAMAK H.  
8. ulusal kimya kongresi, Turkey, 18 May 2017
- XVII. **Alfa Tokoferol Yüklü Karboksimetilselüloz Kitosan Kopolimerlerinin Yara Örtü Materyali Olarak İn Vitro Değerlendirilmesi**  
BİLGİÇ M., MANSUROĞLU B., TÜRKOĞLU N., BERBER YAMAK H.

8. Ulusal Kimya Öğrenci Kongresi, İstanbul, Turkey, 16 - 18 May 2017
- XVIII. **Alfa Tokoferol Yüklü Karboksimetilselüloz Kitosan Kopolimerlerinin Yara Örtü Materyali Olarak İn Vitro Değerlendirilmesi**  
Bilgiç M., MANSUROĞLU B., BERBER YAMAK H., Laçın M.  
8. Ulusal Kimya Kongresi, İstanbul, Turkey, 16 - 18 May 2017
- XIX. **2,4-Diklorofenoksiasetik Asit Yüklü PLGA Nanopartiküllerinin Karakterizasyonu, in vitro Salınımı ve Yonca Hücre Süspansiyon Kültürlerinde Biyokütle Etkisinin İncelenmesi**  
Poyraz F. Ş., Caner E., Erişen S., Derman S., Arasoğlu T., Mansuroğlu B., Abacı E.  
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, İstanbul, Turkey, 26 - 29 April 2017
- XX. **Sinapik Asit Yüklü Polimerik Nanopartiküller**  
POYRAZ F. Ş., DERMAN S., DURANOĞLU DİNÇER D., ERSÖZ M., ARASOĞLU T., MANSUROĞLU B.  
19. Uluslararası katılımcılı Biyoteknoloji Kongresi, Eskişehir, Turkey, 1 - 03 January 2017
- XXI. **Effect of catechin loaded PLGA nanoparticles on glioma cell line**  
Tuncer B., MANSUROĞLU B.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.133-134
- XXII. **Investigation of in vitro antioxidant activity of quercetin loaded PLGA nanoparticles**  
Uzunoglu D., ACAR T., MANSUROĞLU B., ARASOĞLU T., DERMAN S.  
41st FEBS Congress on Molecular and Systems Biology for a Better Life, Kusadasi, Turkey, 3 - 08 September 2016, vol.283, pp.136-137
- XXIII. **Bioflavonoid encapsulated PLGA nanoparticles against Listeria monocytogenes**  
Gümüş B., ARASOĞLU T., Koçyiğit B., Uzunoglu D., MANSUROĞLU B., DERMAN S.  
7th European Congress of Pharmacology, 26 - 30 June 2016
- XXIV. **Biodegradable PLGA Nanoparticles As a Carrier For Antioxidant Catechin**  
TUNCER B., DERMAN S., MANSUROĞLU B.  
VII. Bioengineering Congress, İzmir, Turkey, 19 - 21 November 2015
- XXV. **Diyabet Hastalığında Kateşin Yüklü Nanopartiküllerin Üretimi ve Karakterizasyonu**  
Tuncer B., Derman S., Mansuroğlu B.  
XXVII. Ulusal Biyokimya Kongresi, Antalya, Turkey, 3 - 06 November 2015, vol.40, pp.194
- XXVI. **HAIR URINE AND SERUM SELENIUM STATUS IN PEDIATRIC CANCER PATIENTS**  
KARAMAN S., MANSUROĞLU B., KIZILBEY K., DERMAN S., HAZAR A. B.  
47th Congress of the International Society of Paediatric Oncology, 8 - 11 October 2015
- XXVII. **Synthesis And Biological Evaluation of Superoxide Dismutase Enzyme Modified By Carboxymethylcellulose**  
DERMAN S., Mansuroglu B., Yaba A., Kizilbey K.  
3rd. International Molecular Biology Congress, 01 June 2014
- XXVIII. **Chemically Modified Superoxide Dismutase Prevents Lipid Peroxidation and Improve Antioxidant Status in Streptozotocin-Induced Diabetes**  
Mansuroglu B., DERMAN S., Yaba A., Kizilbey K.  
3rd. International Molecular Biology Congress, 01 June 2014
- XXIX. **THE EFFECT OF ALUMINUM ON THE BIODEGRADATION BEHAVIOR OF MAGNESIUM-BASED INDUSTRIAL CASTING ALLOYS IN SALINE**  
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- XXX. **Water-Soluble Polymeric Bioconjugates and Complexes of Melanoma Cancer Peptide Epitope and Their Immunogenecity**  
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- XXXII. **BSA-Dekstran Sülfat Komplekslerinin Yüksek Basınçlı Sıvı Kromatografi Sistemi İle İncelenmesi**  
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- XXXIV. **Peptide and Polyelectrolyte-Peptide Bioconjugate Synthesis by Microwave Assisted Method**  
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- XXXV. **Effect of Genoderma Lucidum on oxidative stres and DNA damage in experimental obstructive jaundice**  
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- XXXVI. **Immunogenic Properties of VP1 Protein's Peptide Epitops of of Foot-and-Mouth Disease Virus (FMDV) Covalent Conjugates With Anionic N-Vinylpyrrolidone Copolymers**  
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- XXXVII. **Adjuvant properties of polyelectrolytes**  
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- XXXVIII. **Spectroscopic investigation of Protein Anionic Polyelectrolyte Complexes and Conjugates**  
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- XXXIX. **Spectroscopic investigation of protein-anionic polyelectrolyte complexes and conjugates**  
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- XL. **HPLC investigations of bovine serum albumin-VP/AA copolymer complexes and conjugates**  
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- XLI. **Immunogenic Properties of VP1 Protein's Peptide Epitops of of Foot-and-Mouth Disease Virus (FMDV) Covalent Conjugates With Anionic N-Vinylpyrrolidone Copolymers**  
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- XLII. **Adjuvant Properties of Polyelectrolytes**  
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- XLIII. **HPLC Investigations of Bovine Serum Albumin-VP/AA Copolymer Complexes and Conjugates**  
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- XLIV. **Şap Hastalığı Virüsünün VP1 Kapsid Proteininin 40 60, 170 188, 200 213, 135 161 Amino Asid Dizili Peptidlerinin Polianyonlarla Konjugasyonu**  
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- XLV. **Poliakrilik asidin sentetik peptidler ile bağlanma mekanizması**  
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XXI. Ulusal Kimya Kongresi, 01 October 2008

XLVI. **BSA Proteinini ile VP/AA Kopolimer Konjugatlarının Bağlanma Oranının Saptanması**  
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XXI. Ulusal Kimya Kongresi, 01 October 2008

XLVII. **Protein ve polimerlerin İmmün Sistem Üzerinde Etkisinin İncelenmesi**  
MANSUROĞLU B.

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XLVIII. **BSA Proteininin VP/AA Kopolimeri ile Konjugasyonu**  
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XXI. Ulusal Kimya Kongresi, 01 October 2008

XLIX. **Sentetik Peptid-Sığır Serum Albumin Proteinini Kovalent Konjugasyonunun Floresans Spektrofotometre ile İncelenmesi**  
MANSUROĞLU B.

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LI. **Water-soluble covalent conjugates of peptide epitops of VP1 protein of foot-and-mouth disease virus (FMDV) with anionic n-vinylpyrrolidone copolymers and their immunogenicity**  
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LII. **Molecular-weight distribution and structural transformation in water-soluble conjugates of poly(acrylic acid) and synthetic peptide**  
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LIII. **Determination of Conjugation Degree of Synthetic Peptide Polymer Conjugates 30th European Peptide Symposium (30EPS)**

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LIV. **Determination of binding ratio of hydrofobic peptidepolymer conjugates by using fluorescamine assay**

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LV. **The fluorescence study of covalent conjugation of peptide epitopes of foot-and-mouth disease virus (FMDV) with anionic polyelectrolytes and bovine serum albumin**  
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LVIII. **Synthesis and characterization of viral peptides and their biopolimer conjugates for developing new synthetic vaccines**  
MANSUROĞLU B.

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LIX. **Covalent Conjugation of Synthetic Peptide antigen of Foot-and-Mouth Disease Virus (FMDV) to**

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MANSUROĞLU B.

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- LX. **Synthesis of Viral Peptides and Their Biopolymer Conjugates by Microwave Energy**  
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- LXI. **Covalent Conjugation of Peptide epitops of VP1 Protein of Foot-and-Mouth Disease Virus (FMDV) with membrane active Anionic Polyelectrolytes**  
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XX. Ulusal Kimya Kongresi, 01 June 2006
- LXIV. **Hidratlaşmış Dengeli Misel Sistemlerinde Sentetik Polianyonlar ile Şap Hastalığı Virüsünün Vp1 Kapsid Proteininin Peptid Antijenlerinin Biyokonjugasyonu**  
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- LXV. **Bioconjugation of peptide antigens of foot-and-mouth disease virus VP1 protein with synthetic polyanions in hydrated reverse micelle systems**  
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- LXIX. **Deneyisel stress ülseri oluşturulan ve kateşin uygulanan şıçan mide mukozası lipid peroksidasyonunun ve katalaz aktivitesinin cinsiyete bağlı incelenmesi**  
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- LXX. **Ehrlich Asid Tümör Modelinde Kateşin Uygulamasının Plazma Süperoksid Dismutaz Aktivitesi Üzerine Etkisi**  
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- LXXI. **Deneyisel Diyabet Modelinde Plazma Süperoksid Dismutaz Aktivitesinin Değerlendirilmesi**  
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- LXXII. **Evaluation of oxidative stress and related enzymes in breast cancer in tissue**  
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1. "Takayasu Arteriti", VI. Dünya Nadir Hastalıklar Günü Sempozyumu, İSTANBUL, TÜRKİYE  
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## Supported Projects

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- MANSUROĞLU B., UÇAK S., Project Supported by Higher Education Institutions, Aptamer Tabanlı Teikoplanin Yüklü Poli-(D,L-Laktik-Ko-Glikolik Asit) (PLGA) Nanopartiküllerin Staphylococcus aureus Üzerine İn Vitro Etkisi, 2018 - 2020
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- Mansuroğlu B., Derman S., Duranoğlu Dinçer D., Arasoğlu T., TUBITAK Project, In Vitro Biyolojik Aktivite Çalışması: Sinapik Asit Yüklü Nanopartiküller, 2017 - 2019
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- MANSUROĞLU B., Other International Funding Programs, Deneysel Diyabet Modelinde Kateşin Yüklü Nano Partiküllerin Antioksidan Statü Üzerine Etkisinin İncelenmesi, Continues
- MANSUROĞLU B., Project Supported by Higher Education Institutions, Topraksız Tarımda Echinacea purpurea (L.) Moench (Ekinezya), Foeniculum vulgare Miller (Rezene), Matricaria recutita L. (Tıbbi Papatya) Üretimi ve Üretim Koşullarının Optimize Edilmesi, 2011 - 2013
- MANSUROĞLU B., Project Supported by Higher Education Institutions, Streptozotocin (STZ) ile diyabet oluşturulan sıçanlarda kimyasal olarak modifiye edilmiş Süperoksit Dismutazın (SOD) antioksidatif özelliklerinin incelenmesi ve geliştirilmesi, 2010 - 2013
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- ALTIKATOĞLU YAPAÖZ M., MANSUROĞLU B., ATACI N., Other International Funding Programs, Alfa Amilaz ve Horseradish Peroxidase Enzimlerinin Polisakkarid Konjugatları, 2003 - 2006

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## **Metrics**

Publication: 115

Citation (WoS): 318

Citation (Scopus): 484

H-Index (WoS): 10

H-Index (Scopus): 12

## **Non Academic Experience**

Kadir Has Üniversitesi