

## Assoc. Prof. Banu MANSUROĞLU

### Personal Information

**Fax Phone:** [+90 212 383 4364](tel:+902123834364)

**Email:** [bmansur@yildiz.edu.tr](mailto:bmansur@yildiz.edu.tr)

**Other Email:** [banumansur@gmail.com](mailto:banumansur@gmail.com)

**Web:** <http://www.yarbis.yildiz.edu.tr/bmansur>

**Address:** Yıldız Teknik Üniversitesi, Davutpaşa Kampüsü Fen-Edebiyat Fakültesi, Moleküler Biyoloji ve Genetik Bölümü, Genel Biyoloji B Blok D 1005 34220 Esenler / İstanbul

### Education Information

Doctorate, Yıldız Teknik Üniversitesi, Fen - Edebiyat Fakültesi, Kimya Bölümü, Turkey 2001 - 2007

İstanbul Üniversitesi, Tıp Fakültesi, Biyokimya, Turkey Continues

Undergraduate, İstanbul Üniversitesi, 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 Antiproliferative, 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

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

- I. **Synthetic peptide vaccine for Foot-and- Mouth Disease: synthesis, characterization and immunogenicity**  
MANSUROĞLU B., DERMAN S., Kizilbey K., Ates S. C. , Akdeste Z. M.  
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.45, no.6, pp.859-868, 2020 (Journal Indexed in SCI)
- II. **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 (Journal Indexed in SCI)
- III. **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, 2020 (Journal Indexed in SCI)
- IV. **Quercetin-loaded nanoparticles enhance cytotoxicity and antioxidant activity on C6 glioma cells**  
Ersöz M., Erdemir A., Derman S., Arasoğlu T., Mansuroğlu B.  
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.25, pp.757-766, 2020 (Journal Indexed in SCI)
- V. **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 (Journal Indexed in SCI)
- VI. **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-ARCHIVES OF INDUSTRIAL HYGIENE AND TOXICOLOGY, vol.71, pp.69-77, 2020 (Journal Indexed in SCI)
- VII. **ANTIOXIDANT ACTIVITY AND HEMOCOMPATIBILITY STUDY OF QUERCETIN LOADED PLGA NANOPARTICLES**  
Derman S., Uzunoğlu D., Acar T., Arasoğlu T., Uçak S., Özalp V. C. , Mansuroğlu B.

Iranian Journal Of Pharmaceutical Research, vol.19, no.1, pp.1-10, 2020 (Journal Indexed in SCI Expanded)

- VIII. **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 (Journal Indexed in SCI)
- IX. **Comparative evaluation of hesperetin loaded nanoparticles for anticancer activity against C6 glioma cancer cells**  
Ersoz M., Erdemir A., Duranoglu D., Uzunoglu D., Arasoğlu T., Derman S., Mansuroğlu B.  
ARTIFICIAL CELLS NANOMEDICINE AND BIOTECHNOLOGY, vol.47, pp.319-329, 2019 (Journal Indexed in SCI)
- X. **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 (Journal Indexed in SCI)
- XI. **An In vivo study: Adjuvant activity of poly-n-vinyl-2-pyrrolidone-co-acrylic acid on immune responses against Melanoma synthetic peptide**  
Kızılbey K., MANSUROĞLU B., DERMAN S., AKDESTE Z.  
BIOENGINEERED, vol.9, no.1, pp.134-143, 2018 (Journal Indexed in SCI)
- XII. **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 (Journal Indexed in SCI)
- XIII. **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 (Journal Indexed in SCI)
- XIV. **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 (Journal Indexed in SCI)
- XV. **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., Kocuyigit B., Acar T., Kocaçalışkan İ.  
JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY, vol.64, pp.7087-7094, 2016 (Journal Indexed in SCI)
- XVI. **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 (Journal Indexed in SCI)
- XVII. **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 (Journal Indexed in SCI)
- XVIII. **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 (Journal Indexed in SCI)
- XIX. **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 (Journal Indexed in SCI)
- XX. **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 (Journal Indexed in SCI)
- XXI. **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  
(Journal Indexed in SCI)

#### **XXII. 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 (Journal Indexed in SCI)

#### **XXIII. 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 (Journal Indexed in SCI Expanded)

### **Articles Published in Other Journals**

- I. **2,4-Dichlorophenoxyacetic Acid Loaded Polymeric Nanoparticle Synthesis and Its Effect on Biomass of Medicago sativa Cell Suspension Cultures**  
Poyraz F. Ş., Abacı E. E., Ertürk C., Acar T., Derman S., Erişen S., Mansuroğlu B.  
International Journal of Life Sciences and Biotechnology, vol.4, no.12, pp.46-60, 2021 (Other Refereed National Journals)
- II. **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 (Journal Indexed in ESCI)
- III. **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 (Journal Indexed in ESCI)
- IV. **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 (Refereed Journals of Other Institutions)
- V. **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 (Refereed Journals of Other Institutions)
- VI. **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 (Refereed Journals of Other Institutions)

### **Books & Book Chapters**

- I. **Use of biomaterials and biomolecules for the prevention of restenosis**  
Türkoğlu N., Kizilbey 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. **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
- II. **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
- III. **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
- IV. **Examination of the Antibiofilm Activity of Juglone-PLGA Nanoparticles**  
Gümüş B., Acar T., Atabey T., MANSUROĞLU B., DERMAN S., ARASOĞLU T.  
4th International Congress on Applied Biological Sciences (ICABS), Eskişehir, Turkey, 03 May 2018, pp.236
- V. **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
- VI. **Kitosan-dekstran sülfat sodyum bazlı fiziksel hidrojellerin sentezi, karakterizasyonu ve biyoyumluluğunun incelenmesi**  
YURTTAŞ Z., TURGUT S., ABAOĞLU İ., POYRAZ F. Ş. , MANSUROĞLU B.  
4.Biyomalzeme Günleri, Yalova, Turkey, 19 - 20 October 2017
- VII. **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
- VIII. **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
- IX. **Alfa Tokoferol Yüklü Karboksimetilselüloz Kitosan Kopolimerlerinin Yara Örtü Materyali Olarak İn Vitro Değerlendirilmesi**  
Bilgiç M., MANSUROĞLU B., BERBER YAMAK H., Laçin M.  
8. Ulusal Kimya Kongresi, İstanbul, Turkey, 16 - 18 May 2017
- X. **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
- XI. **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
- XII. **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
- XIII. **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
- XIV. **Bioflavonoid encapsulated PLGA nanoparticles against Listeria monocytogenes**

Gümüş B., ARASOĞLU T., Koçyiğit B., Uzunoğlu D., MANSUROĞLU B., DERMAN S.

7th European Congress of Pharmacology, 26 - 30 June 2016

- XV. **Biodegradable PLGA Nanoparticles As a Carrier For Antioxidant Catechin**  
TUNCER B., DERMAN S., MANSUROĞLU B.  
VII. Bioengineering Congress, İzmir, Turkey, 19 - 21 November 2015
- XVI. **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
- XVII. **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
- XVIII. **Synthesis And Biological Evaluation of Superoxide Dismutase Enzyme Modified By Carboxymethylcellulose**  
DERMAN S., Mansuroglu B., Yaba A., Kızılbey K.  
3rd. International Molecular Biology Congress, 01 June 2014
- XIX. **Chemically Modified Superoxide Dismutase Prevents Lipid Peroxidation and Improve Antioxidant Status in Streptozotocin-Induced Diabetes**  
Mansuroğlu B., DERMAN S., Yaba A., Kızılbey K.  
3rd. International Molecular Biology Congress, 01 June 2014
- XX. **THE EFFECT OF ALUMINUM ON THE BIODEGRADATION BEHAVIOR OF MAGNESIUM-BASED INDUSTRIAL CASTING ALLOYS IN SALINE**  
AKÇA C., DERMAN S., ACAR S., HAZAR A. B. , MANSUROĞLU B.  
23rd International Conference on Metallurgy and Materials METAL 2014, Brno, Czech Republic, 21 May 2014
- XXI. **Water-Soluble Polymeric Bioconjugates and Complexes of Melanoma Cancer Peptide Epitope and Their Immunogenecity**  
MANSUROĞLU B.  
16th International Biomedical Science & Technology Symposium, BIOMED 2010, 01 September 2010
- XXII. **BSA-Dekstran Sülfat Komplekslerinin Yüksek Basıncılı Sıvı Kromatografi Sistemi İle İncelenmesi**  
MANSUROĞLU B.  
Kromatografi 2010 Kongresi, 01 June 2010
- XXIII. **Yüksek Basıncılı Sıvı Kromatografisi ile Sığır Serum Albumin-Vinil Piroolidokrilik Asit Kopolimerinin Kompleks ve Konjugatlarının İncelenmesi**  
MANSUROĞLU B.  
Kromatografi 2010 Kongresi, 01 June 2010
- XXIV. **Synthesis and physicochemical characterisation of hemoglobin anionic polyelectrolyte conjugates**  
MANSUROĞLU B., DERMAN S., KIZILBEY K., Akdeste Z. M.  
35th Congress of the Federation-of-European-Biochemical-Societies, Gothenburg, Sweden, 26 June - 01 July 2010, vol.277, pp.236
- XXV. **Peptide and Polyelectrolyte-Peptide Bioconjugate Synthesis by Microwave Assisted Method**  
MANSUROĞLU B.  
30th European Peptide Symposium (30EPS), 01 August 2009
- XXVI. **Spectroscopic investigation of Protein Anionic Polyelectrolyte Complexes and Conjugates**  
MANSUROĞLU B.  
34th FEBS Congress, 01 July 2009
- XXVII. **Adjuvant Properties of Polyelectrolytes**  
MANSUROĞLU B.  
34th FEBS Congress, 01 July 2009
- XXVIII. **Immunogenic Properties of VP1 Protein's Peptide Epitops of of Foot-and-Mouth Disease Virus (FMDV) Covalent Conjugates With Anionic N-Vinylpyrrolidone Copolymers**  
MANSUROĞLU B., DERMAN S., Akdeste Z. M.  
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009,

vol.276, pp.135-136

- XXIX. **Effect of Genoderma Lucidum on oxidative stres and DNA damage in experimental obstructive jaundice**  
MANSUROĞLU B.  
34th FEBS Congress, 01 July 2009
- XXX. **HPLC investigations of bovine serum albumin-VP/AA copolymer complexes and conjugates**  
Kizilbey K., DERMAN S., MANSUROĞLU B., Akdeste Z. M.  
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.146
- XXXI. **Spectroscopic investigation of protein-anionic polyelectrolyte complexes and conjugates**  
DERMAN S., Kizilbey K., MANSUROĞLU B., Akdeste Z.  
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.135
- XXXII. **Adjuvant properties of polyelectrolytes**  
Mansuroğlu B., Derman S., Kizilbey K., Akdeste Z. M.  
34th Congress of the Federation-of-European-Biochemical-Societies, Prague, Czech Republic, 4 - 09 July 2009, vol.276, pp.146
- XXXIII. **Immunogenic Properties of VP1 Protein's Peptide Epitops of of Foot-and-Mouth Disease Virus (FMDV) Covalent Conjugates With Anionic N-Vinylpyrrolidone Copolymers**  
MANSUROĞLU B.  
34th FEBS Congress, 01 July 2009
- XXXIV. **HPLC Investigations of Bovine Serum Albumin-VP/AA Copolymer Complexes and Conjugates**  
MANSUROĞLU B.  
34th FEBS Congress, 01 July 2009
- XXXV. **Şap Hastalığı Virüsünün VP1 Kapsid Proteininin 40 60, 170 188, 200 213, 135 161 Amino Asid Dizili Peptidlerinin Polianyonlarla Konjugasyonu**  
MANSUROĞLU B.  
01 October 2008
- XXXVI. **Sığır Serum Albuminin Vinilpirilidon akrilik asid ile Kopolimeri ile Konjugasyon Mekanizmasının İncelenmesi**  
MANSUROĞLU B.  
XXI. Ulusal Kimya Kongresi, 01 October 2008
- XXXVII. **BSA Proteinini ile VP/AA Kopolimer Konjugatlarının Bağlanma Oranının Saptanması**  
MANSUROĞLU B.  
XXI. Ulusal Kimya Kongresi, 01 October 2008
- XXXVIII. **Sentetik Peptid-Sığır Serum Albumin Proteinini Kovalent Konjugasyonunun Floresans Spektrofotometre ile İncelenmesi**  
MANSUROĞLU B.  
01 October 2008
- XXXIX. **Poliakrilik asidin sentetik peptidler ile bağlanma mekanizması**  
MANSUROĞLU B.  
XXI. Ulusal Kimya Kongresi, 01 October 2008
- XL. **BSA Proteininin VP/AA Kopolimeri ile Konjugasyonu**  
MANSUROĞLU B.  
XXI. Ulusal Kimya Kongresi, 01 October 2008
- XLI. **Protein ve polimerlerin İmmün Sistem Üzerinde Etkisinin İncelenmesi**  
MANSUROĞLU B.  
01 October 2008
- XLII. **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**  
MANSUROĞLU B.

30th European Peptide Symposium (30EPS), 01 September 2008

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

MANSUROĞLU B.

30th European Peptide Symposium (30EPS), 01 August 2008

- XLIV. **Molecular-weight distribution and structural transformation in water-soluble conjugates of poly(acrylic acid) and synthetic peptide**

MANSUROĞLU B.

30th European Peptide Symposium (30EPS), 01 August 2008

- XLV. **Determination of Conjugation Degree of Synthetic Peptide Polymer Conjugates 30th European Peptide Symposium (30EPS)**

MANSUROĞLU B.

30th European Peptide Symposium (30EPS), 01 August 2008

- XLVI. **The fluorescence study of covalent conjugation of peptide epitopes of foot-and-mouth disease virus (FMDV) with anionic polyelectrolytes and bovine serum albumin**

MANSUROĞLU B., DERMAN S., Battal Y. B. , Kizilbey K., Mustafaeva Z.

Joint Conference of the 33rd FEBS Congress/11th IUBMB Conference, Athens, Greece, 28 June - 03 July 2008, vol.275, pp.159

- XLVII. **The fluorescence study of covalent conjugation of peptide epitopes of foot-and-mouth disease virus (FMDV) with anionic polyelectrolytes and bovine serum albumin**

MANSUROĞLU B.

33rd. FEBS Congress and 11th IUBMB Conference, 01 June 2008

- XLVIII. **Şap Hastalığı Virüsünün VP1 Kapsid Proteininin Poliakrikrik Asid ile Konjugasyonu**

MANSUROĞLU B.

2. Ulusal Polimer Bilim ve Teknolojileri Kongresi ve Sergisi, 01 May 2008

- XLIX. **Synthesis and characterization of viral peptides and their biopolimer conjugates for developing new synthetic vaccines**

MANSUROĞLU B.

4th European Symposium on Biopolymers (ESBP2007) Congress, 01 October 2007

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

MANSUROĞLU B.

4th European Symposium on Biopolymers (ESBP2007), 01 October 2007

- LI. **Synthesis of Viral Peptides and Their Biopolymer Conjugates by Microwave Energy**

MANSUROĞLU B.

BIOMED, 01 August 2007

- LII. **Covalent Conjugation of Peptide epitops of VP1 Protein of Foot-and-Mouth Disease Virus (FMDV) with membrane active Anionic Polyelectrolytes**

MANSUROĞLU B.

29th European Peptide Symposium, Journal of Peptide Science Supplement to, 01 October 2006

- LIII. **Şap Hastalığı Virüsünün Vp1 Kapsid Proteininin Peptid Epitoplarının Anyonik Polielektrolitlerle Kooperatif Konjugasyonunun İncelenmesi**

MANSUROĞLU B.

XX. Ulusal Kimya Kongresi, 01 June 2006

- LIV. **Cooperative Conjugation of Peptide epitops of VP1 Protein of Foot-and-Mouth Disease Virus (FMDV) with Anionic Polyelectrolytes**

MANSUROĞLU B.

31 th FEBS Congress Molecular in Health Disease, 01 June 2006

- LV. **Hidratlaşmış Dengeli Misel Sistemlerinde Sentetik Polianyonlar ile Şap Hastalığı Virüsünün Vp1 Kapsid Proteininin Peptid Antijenlerinin Biyokonjugasyonu**

MANSUROĞLU B.



- XIX. Ulusal Kimya Kongresi, 01 October 2005
- LVI. **Bioconjugation of peptide antigens of foot-and-mouth disease virus VP1 protein with synthetic polyanions in hydrated reverse micelle systems**  
MANSUROĞLU B.  
XII. International Biomedical Science and Technology Symposium, 01 October 2005
- LVII. **Aralıklı Nokturnal Hipoglisemiye Uyum: 2,3 Difosfagliserat (DPG) Düzeyleri**  
MANSUROĞLU B.  
Türk Fizyolojik Bilimler Derneği, 28. Ulusal Fizyoloji Kongresi, 01 September 2002
- LVIII. **Adaptation to nocturnal intermittent hypoxia in sleep disordered breathing 2,3 DPG levels**  
MANSUROĞLU B.  
16th Congress of the European Sleep Resaerch Society, 01 June 2002
- LIX. **Effect of Catechin on oxidative stress in Ehrlich Ascites Tumor bearing mice model**  
MANSUROĞLU B.  
The First International Bioscience Days, 01 May 1999
- LX. **Deneyisel stress ülseri oluşturulan ve kateşin uygulanan sıçan mide mukozası lipid peroksidasyonunun ve katalaz aktivitesinin cinsiyete bağlı incelenmesi**  
MANSUROĞLU B.  
II Ulusal Kongresi, 01 March 1999
- LXI. **Ehrlich Asid Tümör Modelinde Kateşin Uygulamasının Plazma Süperoksid Dismutaz Aktivitesi Üzerine Etkisi**  
MANSUROĞLU B.  
XXXI Ulusal Tıp Kongresi, 01 November 1998
- LXII. **Evaluation of oxidative stress and related enzymes in breast cancer in tissue**  
MANSUROĞLU B.  
Enzimoloji Kursu, 01 September 1998
- LXIII. **Deneyisel Diyabet Modelinde Plazma Süperoksid Dismutaz Aktivitesinin Değerlendirilmesi**  
MANSUROĞLU B.  
XXXI Ulusal Tıp Kongresi, 01 September 1998

## Other Publications

- I. "Takayasu Arteriti", VI. Dünya Nadir Hastalıklar Günü Sempozyumu, İSTANBUL, TÜRKİYE  
POYRAZ F. Ş., MANSUROĞLU B.  
Other, pp.82-83, 2018

## Supported Projects

- MANSUROĞLU B., KAYA C., Project Supported by Higher Education Institutions, Aptamer ile Fonksiyonlandırılmış Gingko Biloba-Cisplatin Yüklü Poli(laktik-ko-glikolik asit)-Polietilen Glikol Nanopartiküllerinin Meme Kanseri Üzerindeki Biyolojik Etkinliğinin İncelenmesi, 2020 - Continues
- MANSUROĞLU B., Eralp T. N., Project Supported by Higher Education Institutions, Doksorubisin ve Abemacicilbin Meme Kanseri Üzerindeki Etkilerinin Moleküler Olarak İrdelenmesi, 2020 - Continues
- ERDEMİR ÜSTÜNDAĞ A., MANSUROĞLU B., POYRAZ F. Ş., Project Supported by Higher Education Institutions, Kafeik Asit Fenetil Ester İçeren Nanopartiküler Sistemlerin Meme Kanseri Hücre Soylarında Hücresel ve Moleküler Mekanizmalarının İncelenmesi, 2018 - 2020
- 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
- MANSUROĞLU B., POYRAZ F. Ş., Project Supported by Higher Education Institutions, Sinapik Asit Yüklü Polimerik Nanopartiküllerin Fibroblast ve Glioma Hücre Soyları Üzerinde Sitotoksitesite ve Genotoksitesitenin İncelenmesi, 2018 -

2019

Mansuroğlu B., Derman S., Duranoğlu Dinçer D., Arasoğlu T., TUBITAK Project, In Vitro Biyolojik Aktivite Çalışması: Sinapik Asit Yüklü Nanopartiküller, 2017 - 2019

DERMAN S., ERSÖZ M., Project Supported by Higher Education Institutions, C6 Glioma Hücrelerinde Quercetin Yüklü Nanopartiküllerin Toksikite ve Antioksidan Etkilerinin İncelenmesi, 2017 - 2019

Türkoğlu B., Mansuroğlu B., Project Supported by Other Official Institutions, KATEŞİN YÜKLÜ NANOPARTİKÜLLERİN ANTIOKSİDAN ETKİNLİĞİNİN İNCELENMESİ, 2015 - 2018

MANSUROĞLU B., YABA UÇAR A., TÜRKOĞLU B., DERMAN S., Project Supported by Higher Education Institutions, Streptozotocin (STZ) ile İndüklenmiş Diyabetik Sıçanlarda Enkapsüle Kateşin Molekülünün Antioksidan Aktivitesinin İncelenmesi, 2015 - 2018

DERMAN S., MANSUROĞLU B., PELİT ARAYICI P., Other Supported Projects, EBOLA virüs hastalığına karşı yeni nesil peptid aşı modellerinin geliştirilmesi, 2015 - 2017

MANSUROĞLU B., Project Supported by Higher Education Institutions, Enkapsüle Kateşin Molekülünün In-Vitro Antioksidan Aktivitesinin Araştırılması, 2014 - 2017

Mansuroğlu B., Derman S., Kocaçalışkan İ., Arasoğlu T., TUBITAK Project, Antimikrobiyal Tedaviye Yönelik Olarak Juglon'un Biyouyumluluğunun ve Biyoyararlanımının Artırılması, 2014 - 2017

MANSUROĞLU B., Other Supported Projects, 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

Derman S., Mansuroğlu B., Kızılbey K., Altuğ T., 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

YÜCEL S., MANSUROĞLU B., Diş Restorasyon Malzemeleri Üretimi, 2005 - 2010

ALTİKATOĞLU YAPAÖZ M., DOĞRUYOL S., YÜKSELİCİ M. H. , KILINÇ Y., ELALMIŞ Y., DERMAN S., MOLLAOĞLU ALTUNER H., MANSUROĞLU B., KIZILBEY K., ÇAKIR KOÇ R., et al., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Biyomedikal Malzemeler ve Yapay Dokular, 2005 - 2010

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

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

Akdeste M., Hazar Yoruç A. B. , Mansuroğlu B., Kızılbey K., Project Supported by Other Official Institutions, Aşı Uygulama Amaçlı Polimer Peptid Konjugatlarının Geliştirilmesi, 2003 - 2005

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

## Citations

Total Citations (WOS):225

h-index (WOS):9