

## Prof. EYLEM GÜVEN

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### International Researcher IDs

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### Education Information

Doctorate, Hacettepe University, Fen Fakültesi, Kimya Bölümü/Biyokimya, Turkey 2002 - 2007

Postgraduate, Hacettepe University, Fen Fakültesi, Kimya Bölümü/Biyokimya, Turkey 2000 - 2002

Undergraduate, Hacettepe University, Fen Fakültesi, Kimya Bölümü, Turkey 1996 - 2000

### Research Areas

Medicine, Health Sciences, Fundamental Medical Sciences, Biochemistry

### Academic Titles / Tasks

Associate Professor, Hacettepe University, Fen Bilimleri Enstitüsü, Nanoteknoloji ve Nanotıp A.B.D., 2013 - Continues

Lecturer, Hacettepe University, Fen Bilimleri Enstitüsü, Nanoteknoloji ve Nanotıp A.B.D., 2007 - 2013

Research Assistant, Hacettepe University, Fen Bilimleri Enstitüsü, Kimya A.B.D., 2001 - 2007

### Supervised Theses

Güven E., ÜRETRAL ONARIMDA KULLANILMAK ÜZERE NANOBİYOMALZEMELERİN HAZIRLANMASI, Postgraduate, G.MERCAN(Student), Continues

Güven E., Denkbaş E. B., Teragnoz amaçlı fonksiyonel özelliklere sahip polimerik nanokürelerin hazırlanması ve karakterizasyonu / Preparation and characterization of polymeric nanospheres with functional characteristics for theragnosis, Postgraduate, B.ASLAN(Student), Continues

Güven E., Preparation and characterization of starch nanoparticles for delivery of histone deacetylase inhibitor CG-1521 in breast cancer treatment, Doctorate, E.ALP(Student), 2021

Güven E., Nükleer radyasyona duyarlı alan etkili transistör tabanlı radyasyon sensörlerinin uzay uygulamaları için geliştirilmesi ve karakterizasyonu, Doctorate, B.KOCAMAN(Student), 2020

GÜVEN E., İKİ AŞAMALI TOTAL EKLEM PROTEZİ AMELİYATLARI İÇİN ANTİBİYOTİK YÜKLÜ BOŞLUK DOLDURUCULARIN GELİŞTİRİLMESİ, Postgraduate, M.KAPLAN(Student), 2018

GÜVEN E., Doku rejenerasyonunda kullanılmak üzere etken madde yüklü nanofibriler yapıların hazırlanması ve karakterizasyonu, Postgraduate, G.MUTLU(Student), 2014

GÜVEN E., Kanser tedavisine yönelik antisens oligonükleotid yüklü polimerik nanopartikül tasarımı ve İn vitro karakterizasyonu, Postgraduate, P.HOSSEİNİAN(Student), 2012

GÜVEN E., Uzun kızıl ötesi bölgede çalışan kuantum kuyulu kızıl ötesi fotodedektörlerin mikro-nano fabrikasyonu,

Postgraduate, O.ERKİN(Student), 2012

GÜVEN E., Hedeflendirilmiş kanser tedavisi için biyopolimerik nanopartiküllerin hazırlanması ve karakterizasyonu, Postgraduate, E.ALP(Student), 2010

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

- I. **Synthesis and Photoluminescence Properties of Eu<sup>3+</sup>-Activated Ba<sub>2</sub>Cd(BO<sub>3</sub>)<sub>2</sub> Red-Emitting Phosphors for Near-Ultraviolet Excited White Light-Emitting Diodes**  
Toreli S. B., Kafadar V. E., Emen F. M., GÜVEN E., Altinkaya R.  
LUMINESCENCE, no.3, 2025 (SCI-Expanded)
- II. **Nanotechnology-based drug delivery systems in orthopedics**  
GÜVEN E.  
JOINT DISEASES AND RELATED SURGERY, vol.32, no.1, pp.267-273, 2021 (SCI-Expanded)
- III. **Lipid-based nanoparticles in the treatment of erectile dysfunction**  
GÜVEN E.  
INTERNATIONAL JOURNAL OF IMPOTENCE RESEARCH, vol.32, no.6, pp.578-586, 2020 (SCI-Expanded)
- IV. **Development of a Sequential Antibiotic Releasing System for Two-Stage Total Joint Replacement Surgery**  
AŞIK M. D., Kaplan M., Yalinay M., Guven E., Bozkurt M.  
JOURNAL OF BIOMEDICAL NANOTECHNOLOGY, vol.15, no.11, pp.2193-2201, 2019 (SCI-Expanded)
- V. **Starch nanoparticles for delivery of the histone deacetylase inhibitor CG-1521 in breast cancer treatment**  
Alp E., Damkaci F., GÜVEN E., Tenniswood M.  
INTERNATIONAL JOURNAL OF NANOMEDICINE, vol.14, pp.1335-1346, 2019 (SCI-Expanded)
- VI. **Curcumin-loaded electrospun PHBV nanofibers as potential wound-dressing material**  
MUTLU G., ÇALAMAK S., ULUBAYRAM K., GÜVEN E.  
JOURNAL OF DRUG DELIVERY SCIENCE AND TECHNOLOGY, vol.43, pp.185-193, 2018 (SCI-Expanded)
- VII. **Targeted delivery of etoposide to osteosarcoma cells using poly(3-hydroxybutyrate-co-3-hydroxyvalerate) (PHBV) nanoparticles**  
Alp E., Cirak T., DEMİRBILEK M., TÜRK M., GÜVEN E.  
TURKISH JOURNAL OF BIOLOGY, vol.41, no.5, pp.719-733, 2017 (SCI-Expanded)
- VIII. **Preparation and characterization of poly(3-hydroxybutyrate-co-3-hydroxyhexanoate) (PHBHHX) based nanoparticles for targeted cancer therapy**  
KILIÇAY E., DEMİRBILEK M., TÜRK M., GÜVEN E., HAZER B., DENKBAŞ E. B.  
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.44, no.3, pp.310-320, 2011 (SCI-Expanded)
- IX. **Antibacterial Agent Loaded Fungal Polymer for Use as a Wound Dressing**  
GÜVEN E., ŞAM M., ERDAL E., KARAHALİLOĞLU Z., GÜZEL CANDAN D., SAĞLAM N., DENKBAŞ E. B.  
Hacettepe Journal of Biology and Chemistry, pp.297-303, 2011 (SCI-Expanded)
- X. **Regulation of Tumor Angiogenesis by EZH2**  
Lu C., Han H. D., Mangala L. S., Ali-Fehmi R., Newton C. S., Ozbun L., Armaiz-Pena G. N., Hu W., Stone R. L., Munkarah A., et al.  
CANCER CELL, vol.18, no.2, pp.185-197, 2010 (SCI-Expanded)
- XI. **Bleomycin Loaded Magnetic Chitosan Nanoparticles as Multifunctional Nanocarriers**  
Kavaz D., Odabas S., GÜVEN E., DEMİRBILEK M., DENKBAŞ E. B.  
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.25, no.3, pp.305-318, 2010 (SCI-Expanded)
- XII. **Preparation and characterization of polyethyleneglycolmethacrylate (PEGMA)-co-vinylimidazole (VI) microspheres to use in heavy metal removal**  
UĞUZDOĞAN E., DENKBAŞ E. B., Oeztuerk E., TUNCEL S. A., KABASAKAL O. S.  
JOURNAL OF HAZARDOUS MATERIALS, vol.162, no.2-3, pp.1073-1080, 2009 (SCI-Expanded)

- XIII. **In vivo angiogenic gene silencing using chitosan nanoparticles in ovarian carcinoma**  
Sood A. K., Mangala L. S., Han H., Lu C., Ali-Fehmi R., Stone R., Munkarah A., Spannuth W., Nick A. M., Lee J., et al.  
GYNECOLOGIC ONCOLOGY, vol.112, no.2, 2009 (SCI-Expanded)
- XIV. **An anticancer C-Kit kinase inhibitor is reengineered to make it more active and less cardiotoxic**  
Fernandez A., Sanguino A., Peng Z., Ozturk E., Chen J., Crespo A., Wulf S., Shavrin A., Qin C., Ma J., et al.  
JOURNAL OF CLINICAL INVESTIGATION, vol.117, no.12, pp.4044-4054, 2007 (SCI-Expanded)
- XV. **Rational drug redesign to overcome drug resistance in cancer therapy: Imatinib moving target**  
Fernandez A., Sanguino A., Peng Z., Crespo A., Ozturk E., Zhang X., Wang S., Bornmann W., Lopez-Berestein G.  
CANCER RESEARCH, vol.67, no.9, pp.4028-4033, 2007 (SCI-Expanded)
- XVI. **Antimicrobial activity of cefazolin-impregnated mesh grafts**  
KILIC D., AGALAR C., OZTURK E., Denkbaz E. B., CIME A., AGALAR F.  
ANZ JOURNAL OF SURGERY, vol.77, no.4, pp.256-260, 2007 (SCI-Expanded)
- XVII. **Inhibition of Staphylococcus epidermidis colonization with fusidic acid-impregnated catheters**  
AGALAR C., KILIC D., CEKEN S., OZDOGAN M., YASAR E., OZTURK E., Denkbaz E. B.  
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.22, no.2, pp.160-173, 2007 (SCI-Expanded)
- XVIII. **POLY 426-Preparation and characterization of biodegradable nanoparticles for targeted cancer therapy**  
ÖZTÜRK E., DENKBAŞ E. B., Berestein G. L.  
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.232, 2006 (SCI-Expanded)
- XIX. **Preparation and characterization of ciprofloxacin-loaded alginate/chitosan sponge as a wound dressing material**  
Ozturk E., Agalar C., Kececi K., Denkbaz E. B.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.101, no.3, pp.1602-1609, 2006 (SCI-Expanded)
- XX. **Chitosan-coated alginate membranes for cultivation of limbal epithelial cells to use in the restoration of damaged corneal surfaces**  
Güven E., Ergün M. A., Öztürk Z., Nurözler A. B., Keçeci K., Özdemir N., Denkbaş E. B.  
International Journal Of Artificial Organs, vol.29, no.2, pp.228-238, 2006 (SCI-Expanded)
- XXI. **A new temperature-sensitive polymer: Poly(ethoxypropylacrylamide)**  
UGUZDOGAN E., CAMLI T., KABASAKAL O., PATIR S., OZTURK E., Denkbaz E. B., TUNCEL A.  
EUROPEAN POLYMER JOURNAL, vol.41, no.9, pp.2142-2149, 2005 (SCI-Expanded)
- XXII. **Mitomycin-C-loaded alginate carriers for bladder cancer chemotherapy: In vivo studies**  
Eroglu M., Ozturk E., Ozdemir N., Denkbaz E., Dogan I., Acar A., Guzel M.  
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.20, no.2, pp.197-208, 2005 (SCI-Expanded)
- XXIII. **Preparation and characterization of Mitomycin-C loaded chitosan-coated alginate microspheres for chemoembolization**  
MISIRLI Y., OZTURK E., KURSAKLIOGLU H., Denkbaz E. B.  
JOURNAL OF MICROENCAPSULATION, vol.22, no.2, pp.167-178, 2005 (SCI-Expanded)
- XXIV. **Norfloxacin-loaded chitosan sponges as wound dressing material**  
Denkbaz E. B., OZTURK E., OZDEMIR N., KECECI K.  
JOURNAL OF BIOMATERIALS APPLICATIONS, vol.18, no.4, pp.291-303, 2004 (SCI-Expanded)
- XXV. **Bioadhesive drug carriers for postoperative chemotherapy in bladder cancer**  
OZTURK E., EROGLU M., OZDEMIR N., Denkbaz E. B.  
BIOMATERIALS: FROM MOLECULES TO ENGINEERED TISSUES, vol.553, pp.231-242, 2004 (SCI-Expanded)
- XXVI. **Mitomycin-C-loaded alginate carriers for bladder cancer chemotherapy**  
Denkbaz E. B., OZDEMYR N., OZTURK E., EROGLU M., ACAR A.  
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.19, no.1, pp.33-44, 2004 (SCI-Expanded)
- XXVII. **EGF loaded chitosan sponges as wound dressing material**  
Denkbaz E. B., OZTURK E., OZDEMIR N., KECECI K., ERGUN M.  
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.18, no.3, pp.177-190, 2003 (SCI-Expanded)
- XXVIII. **Magnetic chitosan microspheres: preparation and characterization**  
Denkbaz E. B., KILICAY E., BIRLIKSEVEN C., OZTURK E.

## Articles Published in Other Journals

- I. **Hypericin-Loaded Chitosan Nanoparticles for Enhanced Photodynamic Therapy in A549 Lung Cancer Cells**  
Taşkonak B., AYLAZ G., ANDAÇ A. M., GÜVEN E., ÖZKAHRAMAN B., PERÇİN DEMİRÇELİK I., KILIÇ SÜLOĞLU A.  
BIONANOSCIENCE, vol.13, 2023 (ESCI)
- II. **Preparation and Characterization of Polyhydroxybutyrate Scaffolds to be Used in Tissue Engineering Applications**  
GÜVEN E., DEMİRBILEK M., SAĞLAM N., KARAHALİLOĞLU Z., ERDAL E., BAYRAM C., DENKBAŞ E. B.  
Hacettepe Journal of Biology and Chemistry, vol.4, pp.305-311, 2008 (Peer-Reviewed Journal)

## Books

- I. **Electrospun Nanofibers for Wound Healing Applications**  
GÜVEN E.  
in: Nano-Biomaterials in Tissue Repair and Regeneration. Tissue Repair and Reconstruction, ŞAM MESUT, KORKUSUZ FEZA, SAĞLAM NECDET, Editor, Springer, Singapore, pp.23-30, 2024
- II. **Prostat kanseri tanı ve tedavisinde nanoteknolojik yaklaşımlar**  
Güven E., Güven E. O.  
in: Prostat Kanseri Güncel Tanı ve Tedavi, Prof. Dr. Halil Başar, Prof. Dr. Selahattin Bedir, Editor, Diğer, Ankara, pp.307-313, 2023
- III. **Nanoparticles for anticancer drug delivery**  
Güven E.  
in: Nanotechnology applications in health and environmental sciences, Necdet Sağlam, Feza Korkusuz, Ram Prasad, Editor, Springer, London/Berlin, New York, pp.71-81, 2021
- IV. **PREPARATION OF MAGNETIC CHITOSAN NANOPARTICLES FOR DIVERSE BIOMEDICAL APPLICATIONS**  
KAVAZ D., ÇIRAK T., GÜVEN E., BAYRAM C., DENKBAŞ E. B.  
in: FUNCTIONALIZED NANOSCALE MATERIALS DEVICES AND SYSTEMS, Vaseashta, A; Milhailescu, IN, Editor, SPRINGER, Dordrecht, pp.313-320, 2008
- V. **PREPARATION OF MAGNETIC CHITOSAN NANOPARTICLES FOR DIVERSE BIOMEDICAL APPLICATIONS**  
KAVAZ D., ÇIRAK T., GÜVEN E., BAYRAM C., DENKBAŞ E. B.  
in: NATO Science for Peace and Security Series B, Vaseashta, A Milhailescu, IN, Editor, NATO Science for Peace and Security Series B-Physics and Biophysics, pp.313-320, 2008

## Papers Published in Refereed Scientific Meetings

- I. **FACTORS ASSOCIATED WITH PERSISTENTLY HIGH HAQ-DI SCORE IN RA PATIENTS UNDER B/TSDMARDS: LONGITUDINAL ANALYSIS OF HURBIO SINGLE CENTER REGISTRY**  
BİLGİN E., GÜVEN E., FIRLATAN B., Ekici M., Bayram G. S. K., Unaldi E., AYAN G., Uzun G. S., Ozsoy Z., Germe S. A., et al.  
European Congress of Rheumatology (EULAR), Milan, Italy, 31 May - 03 June 2023, pp.500
- II. **Investigation of Enhanced Uptake of Hypericin with Chitosan Nanoparticles in Lung Cancer**  
TAŞKONAK B., AYLAZ G., ANDAÇ A. M., GÜVEN E., ÖZKAHRAMAN B., PERÇİN DEMİRÇELİK I., SANİN S., KILIÇ SÜLOĞLU A.  
SECOND INTERNATIONAL MULTIDISCIPLINARY CANCER RESEARCH CONGRESS, 21 July 2022
- III. **Preparation and Characterization of Hypericin-Loaded Chitosan Nanoparticles**

TAŞKONAK B., AYLAZ G., ANDAÇ A. M., GÜVEN E., ÖZKAHRAMAN B., PERÇİN DEMİRÇELİK I., KILIÇ SÜLOĞLU A.

9 th International Conference on Materials Science and Nanotechnology for Next Generation, 22 September 2022

- IV. **DEVELOPMENT OF RADIATION DETECTOR (RADIATION MODULE) WITH THREE DIFFERENT SENSORS FOR SPACE APPLICATIONS**  
Güven E.  
RAP Conference, Belgrade, Serbia, 16 - 19 September 2019, pp.139-144
- V. **Total ionizing dose analysis of a native detector and a satellite on orbit**  
kocaman b., harmandalı m., köprü m., solak b., ergin t., YILMAZ E., GÜVEN E.  
AIP Conference Proceedings, Bodrum, Turkey, Turkey, 4 - 08 September 2019, vol.2178
- VI. **Starch nanoparticles for delivery of histone deacetylase inhibitor CG-1521 in breast cancer treatment**  
alp e., Tenniswood M., GÜVEN E., Damkaci F.  
Applied Pharmaceutical Nanotechnology 2017, 04 October 2017
- VII. **PAPAVERINE HYDROCHLORIDE LOADED NANOFIBROUS BIODEGRADABLE MEMBRANES FOR URETHRAL RECONSTRUCTION SURGERY**  
GÜVEN E., Hosseinian P., Güven O.  
The 3th Friends of Israel Urological Symposium, 5 - 07 July 2016
- VIII. **ELECROSPUN NANOFIBROUS WOUND DRESSING BASED ON CURCUMIN LOADED PHBV MATS**  
Güven E.  
NANOTR 10, İstanbul, Turkey, 17 - 21 June 2014, pp.1
- IX. **Poly lactic acid poly ethylene glycol block copolymer nanoparticles for potential anti cancer drug carrier**  
KILIÇAY E., GÜVEN E., Akkirman Z., DENKBAŞ E. B., HAZER B.  
NANOTR VIII 8th Nanoscience and Nanotechnology Congress, Ankara, Turkey, 25 - 29 June 2012
- X. **Etoposide Loaded Poly 3 Hydroxybutyrate co 3 Hydroxyhexanoate PHBHHx Nanoparticles for Cancer Therapy**  
KILIÇAY E., DEMİRBİLEK M., TÜRK M., GÜVEN E., HAZER B., DENKBAŞ E. B.  
Second World Congress IANM II Nanomed 2010, Antalya, Turkey, 3 - 06 October 2010
- XI. **Etoposid Loaded Poly 3 hydroxybutyrate co 3 hydroxyhexanoate PHBHHX Nanoparticles for Cancer Therapy**  
KILIÇAY E., DEMİRBİLEK M., TÜRK M., GÜVEN E., HAZER B., DENKBAŞ E. B.  
International Academy of Nanomedicine. Second World Congress., Antalya, Turkey, 3 - 06 September 2010
- XII. **Preparation and Characterization of Bacterial Polyester Based Nanoparticles for Targeted Delivery of Etoposide**  
KILIÇAY E., GÜVEN E., TÜRK M., HAZER B., DENKBAŞ E. B.  
NanoTR6, 6th Nanoscience and Nanotechnology Conference, İzmir-Çeşme, Turkey, 15 - 18 June 2010
- XIII. **Preparation and Characterization of Polyhydroxybutyrate Scaffolds to be Used in Tissue Engineering Applications**  
GÜVEN E., SAĞLAM N., KARAHALİLOĞLU Z., ERDAL E., BAYRAM C., DEMİRBİLEK M., DENKBAŞ E. B.  
14th Biomedical Science & Technology Symposium, Muğla, Turkey, 3 - 07 May 2008
- XIV. **Preparation and Characterization of Polyhydroxybutyrate Scaffoldsto be Used in Tissue Engineering Applications**  
GÜVEN E., SAĞLAM N., KARAHALİLOĞLU Z., ERDAL E., BAYRAM C., DEMİRBİLEK M., DENKBAŞ E. B.  
14th Biomedical Science & Technology Symposium, Muğla, Turkey, 3 - 07 May 2008
- XV. **PREPARATION OF MAGNETIC CHITOSAN NANOPARTICLES FOR DIVERSE BIOMEDICAL APPLICATIONS**  
Kavaz D., Cirak T., ÖZTÜRK E., BAYRAM C., DENKBAŞ E. B.  
NATO Advanced Study Institute on Functionalized Nanoscale Materials, Devices and Systems for Chem-Bio Sensors, Photonics and Energy Generation and Storage, Sinaia, Romania, 4 - 15 June 2007, pp.313-320
- XVI. **Biocompatibilty assessment of alginate chitosan scaffolds as tissue engineering matrices**  
ÖZDEMİR N., BAYRAM C., YILMAZ Ş., GÜVEN E., DENKBAŞ E. B.  
8th International Conference of the European Chitin Society, 8 - 11 September 2007

- XVII. **Poly Lactide Nanospheres for Cancer Therapy**  
GÜVEN E., BAYRAM C., ÖZÇETİN A., KAVAZ D., ÇIRAK T., DENKBAŞ E. B.  
13th International Pharmaceutical Techniques , Hacettepe University, Antalya, 10-13 September, 2006., 10 - 13 September 2006
- XVIII. **Biyoteknoloji uygulamalarında polimerik nanotaşıyıcılar**  
DENKBAŞ E. B., GÜVEN E., ÖZDEMİR N., MISIRLI Y., BAYRAM C., ÖZÇETİN A., KAVAZ D.  
Hacettepe Üniversitesi Nanoteknoloji Çalıştayı, Turkey, 27 - 28 June 2006
- XIX. **IN VIVO ANGIOGENIC GENE SILENCING USING CHITOSAN NANOPARTICLES IN OVARIAN CARCINOMA**  
GÜVEN E.  
GYNECOLOGIC ONCOLOGY, San-Francisco, Costa Rica, 13 June 2006, vol.112, pp.136-137
- XX. **Effect of dystrophin gene immobilized nanostructured therapeutic templates on aging skeletal muscles**  
Vaseashta A., Boskovic O., Webb A., Ozdemir N., Ozturk E.  
Conference of the NATO-Advanced-Study-Institute on Functional Properties of Nanostructured Materials, Sozopol, Bulgaria, 3 - 15 June 2005, vol.223, pp.511-512
- XXI. **Enzim immobilizasyonu için manyetik özelliğe sahip biyopolimerik mikrokürelerin hazırlanması ve karakterizasyonu**  
MISIRLI Y., ÖZBEY T., GÜVEN E., ÖZDEMİR N., ÖZÇETİN A., ZENGİN F., DENKBAŞ E. B.  
I. Ulusal Afinitive Teknikleri Kongresi, Turkey, 22 - 24 June 2005
- XXII. **Preparation and characterization of thermosensitive polymeric nanoparticles for gene delivery**  
ÖZDEMİR N., GÜVEN E., TUNCEL S. A., DENKBAŞ E. B.  
NATO ASI functional properties of nanostructured materials, 3 - 14 June 2005
- XXIII. **Ayırma saflaştırma prosesleri için kitosan kaplı magnetik aljinat mikrokürelerin hazırlanması ve karakterizasyonu**  
MISIRLI Y., ÖZBEY T., GÜVEN E., ÖZDEMİR N., DENKBAŞ E. B.  
II. Ulusal HPLC ve Diğer Ayırma Teknikleri Sempozyumu, Turkey, 7 - 09 October 2004
- XXIV. **Drug Loaded alginate Carriers for Postoperative Chemotherapy After Transurethral Resection TUR in Bladder Cancer**  
DENKBAŞ E. B., EROĞLU M., ACAR A., GÜZEL M., ÖZDEMİR N., GÜVEN E.  
X. International Symposium on Biomedical Science and Technology, 10 - 12 October 2003
- XXV. **Polymeric membranes for cultivation of limbal cells to use in corneal repair**  
GÜVEN E., ÖZTÜRK Z., ERGÜN M. A., NURÖZLER A., KEÇECİ K., ÖZDEMİR N.  
X. International Symposium on Biomedical Science and Technology, 10 - 12 October 2003
- XXVI. **Magnetik kitosan mikrokürelerin bakır uzaklaştırılmasında kullanılması**  
ÖZDEMİR N., KEÇECİ K., GÜVEN E., MISIRLI Y., DENKBAŞ E. B.  
IV. Ulusal Kromatografi Kongresi, Turkey, 17 - 19 September 2003
- XXVII. **Yara yanık örtü malzemesi olarak büyüme faktörü salan polimerik taşıyıcıların hazırlanması ve karakterizasyonu**  
GÜVEN E., ERGÜN M. A., ÖZDEMİR N., KEÇECİ K., DENKBAŞ E. B.  
XIII. Biyoteknoloji Kongresi, Turkey, 25 - 29 August 2003
- XXVIII. **Norfloxacin loaded chitosan sponges as wound burn dressing material**  
GÜVEN E., ÖZDEMİR N., MISIRLI Y., DENKBAŞ E. B.  
IX. International Symposium on Biomedical Science and Technology, 19 - 22 September 2002
- XXIX. **Manyetik Kitosan Mikrokürelerin Hazırlanması ve Manyetiklik Özelliklerinin Belirlenmesi**  
DENKBAŞ E. B., KILIÇAY E., BİRLİKSEVEN C., IRMAK S., GÜVEN E.  
II. Ulusal Kromatografi Kongresi, Kırkkale, Turkey, 6 - 08 June 2001

## Supported Projects

GÜVEN E., Project Supported by Higher Education Institutions, Doku Rejenerasyonunda Kullanılmak Üzere Nanofibriler

Yapıların Hazırlanması ve Karakterizasyonu, 2013 - Continues

KILIÇ SÜLOĞLU A., GÜVEN E., ANDAÇ ÖZDİL A. M., AYLAZ G., Taşkonak B., Project Supported by Higher Education Institutions, Hiperisin Yüklü Kitosan Nanopartiküllerin A549 Akciğer Kanser Hücrelerinde Etkilerinin Araştırılması, 2019 - 2021

GÜVEN E., MERCAN G., GÜVEN E. O., Project Supported by Higher Education Institutions, ÜRETRAL ONARIMDA KULLANILMAK ÜZERE NANOBİYOMALZEMELERİN HAZIRLANMASI VE KARAKTERİZASYONU, 2016 - 2019

Büyükserin F., Güven E., TUBITAK Project, Sıralı Nanomotifli Polikarbonat Yüzeylerin Alzheimer Proteinin Tespitinde Kullanımının Araştırılması, 2016 - 2016

Güven E., Project Supported by Higher Education Institutions, Kanser tedavisinde kullanılmak üzere biyokimyasal olarak modifiye edilmiş polimerik taşıyıcıların hazırlanması ve karakterizasyonu, 2009 - 2012

Denkbaş E. B., Güven E., Project Supported by Higher Education Institutions, Nanokarbon Biyomedikal Uygulamaları, 2007 - 2010

Güven E., Denkbaş E. B., Project Supported by Higher Education Institutions, Kornea onarımında kullanılmak üzere biyoparçalanır destek matriksi hazırlanması ve karakterizasyonu, 2008 - 2009

Güven E., Bayram C., TUBITAK Project, Kardiyovasküler Sistem Hastalıklarında Kullanılan Stentlerin Modifikasyon ve Karakterizasyonu, 2006 - 2007

Güven E., Denkbaş E. B., TUBITAK Project, Ürolojik sistemlerde kullanılan sonda kateter ve stent gibi malzemelerin taş ve enfeksiyon oluşumuna karşı modifiye edilmesi, 2005 - 2006

Güven E., Denkbaş E. B., Project Supported by Higher Education Institutions, Gen tedavisinde kullanılmak üzere polimerin nanopartiküllerin hazırlanması ve uygulanabilirliğinin araştırılması, 2001 - 2003

## Activities in Scientific Journals

Joint Diseases and Related Surgery, Assistant Editor/Section Editor, 2021 - Continues

## Metrics

Publication: 64

Citation (WoS): 1140

Citation (Scopus): 1418

H-Index (WoS): 13

H-Index (Scopus): 16

## Scholarships

TÜBİTAK doktora programı yurt dışı araştırma bursu, TUBITAK, 2006 - 2007

## Awards

Güven E., Fen ve mühendislik alanında grup başarı ödülü, Hacettepe University, May 2008

Güven E., TUBITAK yurt dışı doktora programı araştırma bursu, Tubitak, January 2006

## Non Academic Experience

Hacettepe Üniversitesi, Öğretim Görevlisi

Hacettepe Üniversitesi, Araştırma Görevlisi

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