

# Öğr. Gör. TUĞBA ENDOĞAN TANIR

## Kişisel Bilgiler

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## Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polimer Bilim Ve Teknoloji (Dr), Türkiye 2005 - 2013

Yüksek Lisans, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), Türkiye 2003 - 2005

Lisans, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, Türkiye 1998 - 2003

## Yabancı Diller

İngilizce, C1 İleri

## Yaptığı Tezler

Doktora, Preparation and Characterization of Polymeric Hard Tissue Supports, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Polimer Bilim Ve Teknoloji (Dr), 2013

Yüksek Lisans, Preparation and Characterization of Acrylic Bone Cements, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (YI) (Tezli), 2005

## Araştırma Alanları

Temel Bilimler

## Akademik Unvanlar / Görevler

Uzman, Orta Doğu Teknik Üniversitesi, Rektörlük, Merkez Laboratuvar, 2010 - Devam Ediyor

## SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Variations of chemical, physical, mechanical properties, and biological and antimicrobial effectiveness of Ti alloys by coating with CaP doped with different amounts of Zn via micro-arc oxidation (MAO) technique

BÜYÜKSUNGUR S., Parau A. C., Dinu M., Pana I., Vitelaru C., Schmidt J., ENDOĞAN TANIR T., Hasirci V., Vladescu (Dragomir) A., Hasirci N.

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- II. **Enhancing esophageal repair with bioactive bilayer mesh containing FGF**  
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SCIENTIFIC REPORTS, cilt.11, sa.1, 2021 (SCI-Expanded)
- III. **Preparation and characterization of poly(epsilon-caprolactone) scaffolds modified with cell-loaded fibrin gel**  
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- IV. **Synthesis and characterization of polycaprolactone-based segmented polyurethanes**  
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TURKISH JOURNAL OF CHEMISTRY, cilt.43, sa.2, ss.452-463, 2019 (SCI-Expanded)
- V. **PCL-TCP wet spun scaffolds carrying antibiotic-loaded microspheres for bone tissue engineering**  
Malikmammadov E., ENDOĞAN TANIR T., KIZILTAY A., Hasirci V., Hasirci N.  
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- VI. **PCL and PCL-based materials in biomedical applications**  
Malikmammadov E., ENDOĞAN TANIR T., KIZILTAY A., Hasirci V., Hasirci N.  
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- VII. **3D printed poly(epsilon-caprolactone) scaffolds modified with hydroxyapatite and poly(propylene fumarate) and their effects on the healing of rabbit femur defects**  
Büyüksungur S., Tanir T., Büyüksungur A., Bektas E. I., Kose G. T., Yücel D., Beyzadeoglu T., Çetinkaya E., Yenigün C., Tönük E., et al.  
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- VIII. **Preparation and Characterization of Chitosan and PLGA-Based Scaffolds for Tissue Engineering Applications**  
ENDOĞAN TANIR T., Hasirci V., Hasirci N.  
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- IX. **Electrospinning of chitosan/poly(lactic acid-co-glycolic acid)/hydroxyapatite composite nanofibrous mats for tissue engineering applications**  
ENDOĞAN TANIR T., Hasirci V., Hasirci N.  
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- X. **Acrylic Bone Cements: Effects of the Poly(methyl methacrylate) Powder Size and Chitosan Addition on Their Properties**  
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- XI. **Effects of Ethylene Oxide Resterilization and In-vitro Degradation on Mechanical Properties of Partially Absorbable Composite Hernia Meshes**  
ENDOĞAN TANIR T., Ozyaylali I., Kulacoglu H., Serbetci K., Kiyak G., Hasirci N.  
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- XII. **Gelatin Based Scaffolds and Effect of EGF Dose on Wound Healing**  
Bilgic H., Demiriz M., Ozler M., Ide T., Dogan N., Gumus S., KIZILTAY A., ENDOĞAN TANIR T., HASIRCI V. N., Hasirci N.  
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- XIII. **Modification of Acrylic Bone Cements with Oxygen Plasma and Additives**  
ENDOĞAN TANIR T., KIZILTAY A., Hasirci V., Hasirci N.  
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- XIV. **Blood compatibility of polymers derived from natural materials**  
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- XV. **Microfabrication of PDLA scaffolds**  
Carletti E., ENDOĞAN TANIR T., Hasirci N., HASIRCI V. N., Maniglio D., Motta A., Migliaresi C.

- JOURNAL OF TISSUE ENGINEERING AND REGENERATIVE MEDICINE, cilt.5, sa.7, ss.569-577, 2011 (SCI-Expanded)
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GÜLÇE İZ S., Gurhan S. I. D., Sen B. H., ENDOĞAN TANIR T., HASIRCI N.  
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- XVII. **Effect of oxygen plasma on surface properties and biocompatibility of PLGA films**  
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- XVIII. **Effects of Ingredients on Thermal and Mechanical Properties of Acrylic Bone Cements**  
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## **Kitap & Kitap Bölümleri**

- I. **Biomaterials Surface Properties: Implications in Immune Response**  
ENDOĞAN TANIR T., ESENDAĞLI G., AKSOY E. A.  
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- II. **Polymer Fundamentals: Polymer Synthesis**  
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## **Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar**

- I. **PCL-Fibrin Scaffolds for Tissue Engineering**  
Malikmammadov E., ENDOĞAN TANIR T., KIZILTAY A., HASIRCI V. N., HASIRCI N.  
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- II. **Polymeric bilayer scaffolds co-cultured with L929 and BMSCs for periodontal applications**  
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- III. **PCL-Fibrin scaffolds for bone tissue engineering applications**  
malikmammadov e., ENDOĞAN TANIR T., KIZILTAY A., HASIRCI V. N., HASIRCI N.  
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- IV. **Platelet adhesion and protein adsorption on heparin immobilized graphene enhanced poly acrylonitrile co ethyl methacrylate copolymer membranes**  
ENDOĞAN TANIR T., VARGÜN E., Yıldız Ünal A., HASIRCI N.  
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- V. **Surface modified multi-functional PCL/TCP fibrous scaffolds**  
MALIKMAMMADOV E., ENDOĞAN TANIR T., KIZILTAY A., HASIRCI N., HASIRCI V. N.  
10th World Biomaterials Congress, 17 - 22 Mayıs 2016
- VI. **PCL based Bilayer Scaffolds for Dental Tissue Engineering**  
Düzenli İ., KIZILTAY A., ENDOĞAN TANIR T., HASIRCI V. N., HASIRCI N.  
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- VII. **Modelling of 3D Scaffolds for Patient Specific Implants**  
BÜYÜKSUNGUR A., HASIRCI N., ENDOĞAN TANIR T., HASIRCI V. N.  
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- VIII. **Functional PCL Scaffolds Local Antibiotic Delivery in Bone Tissue Engineering Applications**  
Malikmammadov E., ENDOĞAN TANIR T., KIZILTAY A., HASIRCI V. N., HASIRCI N.  
21st International Biomedical Science and Technology Symposium, Antalya, Türkiye, 22 - 24 Ekim 2015
- IX. **PCL Wet Spun Scaffolds for Antibiotic Delivery**  
MALIKMAMMADOV E., ENDOĞAN TANIR T., KIZILTAY A., HASIRCI N.  
11th Frontiers in Biomedical Polymers Symposium, 8 - 11 Temmuz 2015
- X. **Graphene nanosheet poly acrylonitrile co ethyl methacrylate copolymer film preparation and antibacterial performance**  
ENDOĞAN TANIR T., VARGÜN E., HASIRCI N.  
11th Nanoscience and Nanotechnology Conference (NanoTR-11), Türkiye, 22 - 25 Haziran 2015
- XI. **Chitosan PLGA nanofibers prepared by electrospinning for tissue engineering applications**  
ENDOĞAN TANIR T., HASIRCI V. N., HASIRCI N.  
Termis-EU, 17 - 20 Haziran 2013
- XII. **Doğal polimer temelli kompozit filmlerin sert doku mühendisliğine yönelik hazırlanması ve karakterizasyonu**  
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BİYOMUT 2010 - 15. Biyomedikal Mühendisliği Ulusal Toplantısı, Antalya, Türkiye, 21 - 24 Nisan 2010
- XIII. **Chitosan Gelatin Scaffolds Prepared For Hard Tissue Engineering Approaches**  
IŞIKLI C., ENDOĞAN TANIR T., KIZILTAY A., HASIRCI V. N., HASIRCI N.  
BIOMED 2009 - 15th Biomedical Science and Technology Symposium, Güzelyurt, Kıbrıs (Kkct), 16 - 19 Ağustos 2009
- XIV. **Chitosan Containing Acrylic Bone Cement Formulations**  
ENDOĞAN TANIR T., KIZILTAY A., KÖSE G., ÇOMUNOĞLU N., BEYZADEOĞLU T., HASIRCI N.  
BIOMED 2009 - 15th Biomedical Science and Technology Symposium, Güzelyurt, Kıbrıs (Kkct), 16 - 19 Ağustos 2009
- XV. **Preparation and investigation of biological effects of EGF containing gelatin sponges as wound healing matrices**  
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- XVI. **İç içe geçmiş kitosan mikron ağ yapılarından antikanser ilaç hedefleme**  
ÖZERKAN T., GÜNBAŞ İ. D., ENDOĞAN TANIR T., KIZILTAY A., GÜLCE S., GÜRHAN İ., HASIRCI N.  
13. Biyomedikal Mühendisliği Ulusal Toplantısı, Ankara, Türkiye, 29 - 31 Mayıs 2008
- XVII. **Akrilik kemik çimentosu formülasyonlarında etkin parametreler**  
ENDOĞAN TANIR T., KIZILTAY A., HASIRCI N.  
13. Biyomedikal Mühendisliği Ulusal Toplantısı, Ankara, Türkiye, 29 - 31 Mayıs 2008
- XVIII. **Production of PDLA and PLGA scaffolds by microfabrication and electrospinning techniques**  
Carletti E., ENDOĞAN TANIR T., Motta A., Maniglio D., HASIRCI V. N., Hasirci N., Migliaresi C.  
Annual Tissue-Engineering-and-Regenerative-Medicine-International-Society-European-Chapter Meeting, Oporto, Portekiz, 22 - 26 Haziran 2008, cilt.14, ss.771
- XIX. **Oxygen Plasma Modified Acrylic Bone Cements**  
ENDOĞAN TANIR T., KIZILTAY A., HASIRCI N.  
13th Biomedical Science & Technology Symposium - BIOMED 2007, İstanbul, Türkiye, 26 - 28 Ağustos 2007
- XX. **Akrilik kemik çimentosu formülasyonlarının hazırlanması ve karakterizasyonu**  
KIZILTAY A., ENDOĞAN TANIR T., HASIRCI N.  
I. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Ankara, Türkiye, 21 - 23 Haziran 2006

## **Metrikler**

Yayın: 43

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