

## Asst. Prof. MERVE GÜLTEKİNOĞLU BAYRAM

### Personal Information

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**Address:** Hacettepe Üniversitesi Nanoteknoloji ve Nanotıp A.B.D. (Eski KOSGEB Binası) Kat 3 Beytepe/ANKARA

### International Researcher IDs

ORCID: 0000-0002-1021-1915

Publons / Web Of Science ResearcherID: I-8450-2013

ScopusID: 56598063500

Yoksis Researcher ID: 191827

### Education Information

Doctorate, Hacettepe University, Fen Bilimleri Enstitüsü, Biyomühendislik Anabilim Dalı, Turkey 2013 - 2019

Postgraduate, Hacettepe University, Fen Bilimleri Enstitüsü, Biyomühendislik Anabilim Dalı, Turkey 2011 - 2013

Undergraduate, Hacettepe University, Fen Fakültesi, Kimya Bölümü, Turkey 2004 - 2009

### Dissertations

Doctorate, Poli(poliol)sebakat bazlı biyobozunur elastomerlerin sentezi ve jiro eğrilmiş fiber destekli hidrojel doku iskelelerinin geliştirilmesi, Hacettepe University, Fen Bilimleri Enstitüsü, 2019

Postgraduate, Üreteral stentlerde enfeksiyon önleyici antibakteriyel fırça tipi polimer aşılamanın geliştirilmesi, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Biyomühendislik (YI) (Tezli), 2013

### Research Areas

Biomedical Engineering, Chemistry

### Academic Titles / Tasks

Assistant Professor, Hacettepe University, Fen Bilimleri Enstitüsü, Nanoteknoloji ve Nanotıp A.B.D., 2023 - Continues

Assistant Professor, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2020 - 2023

Research Assistant, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2012 - 2020

### Academic and Administrative Experience

Deputy Head of Department, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2021 - 2023

### Courses

Polimer Kimyasına Giriş, Undergraduate, 2021 - 2022  
Medikal Malzemelere Giriş, Undergraduate, 2022 - 2023  
Genel Kimya, Undergraduate, 2022 - 2023  
Bitirme Projesi I, Undergraduate, 2022 - 2023  
Mikro ve Nano Akışkan Sistemler ve Biyolojik Uygulamaları, Doctorate, 2022 - 2023  
Bitirme Projesi II, Undergraduate, 2021 - 2022

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

- I. **Recent developments in the use of centrifugal spinning and pressurized gyration for biomedical applications**  
Ahmed J., GÜLTEKİNOĞLU BAYRAM M., Edirisinghe M.  
Wiley Interdisciplinary Reviews: Nanomedicine and Nanobiotechnology, vol.16, no.1, 2024 (SCI-Expanded)
- II. **Biomedical Efficacy of Garlic-Extract-Loaded Core-Sheath Plasters for Natural Antimicrobial Wound Care**  
Majd H., GÜLTEKİNOĞLU BAYRAM M., BAYRAM C., KARAOSMANOĞLU B., Taşkıran E. Z., KART D., Erol Ö. D., Harker A., Edirisinghe M.  
Macromolecular Materials and Engineering, 2024 (SCI-Expanded)
- III. **Pressure-Spun Fibrous Surgical Sutures for Localized Antibacterial Delivery: Development, Characterization, and In Vitro Evaluation**  
Altun E., BAYRAM C., GÜLTEKİNOĞLU BAYRAM M., Matharu R., Delbusso A., Homer-Vanniasinkam S., Edirisinghe M.  
ACS applied materials & interfaces, vol.15, no.39, pp.45561-45573, 2023 (SCI-Expanded)
- IV. **Binary polymer systems for biomedical applications**  
Afshar A., GÜLTEKİNOĞLU BAYRAM M., Edirisinghe M.  
INTERNATIONAL MATERIALS REVIEWS, vol.68, no.2, pp.184-224, 2023 (SCI-Expanded)
- V. **Donepezil-loaded PLGA-b-PEG Nanoparticles Enhance the Learning and Memory Function of Beta-Amyloid Rat Model of Alzheimer's Disease**  
Donepezil Yüklü PLGA-b-PEG Nanopartiküller Beta-Amiloid Alzheimer Hastalığı Sıçan Modelinde Öğrenme ve Hafızayı Geliştirir  
ÇINAR E., Mutluay S. U., BAYSAL İ., Gültekinoglu M., ULUBAYRAM K., Çiftçi S. Y., TEL B. C., UÇAR G.  
Noropsikiyatri Arsivi, vol.59, no.4, pp.281-289, 2022 (SCI-Expanded)
- VI. **MITOCHONDRIA-TARGETED COQ10 FORMULATION FOR THE TREATMENT OF COQ10 NEPHROPATHIES**  
Ozbay H. S., Ciftci S. Y., BAYSAL İ., GÜLTEKİNOĞLU BAYRAM M., Eylem C. C., ULUBAYRAM K., NEMUTLU E., TOPALOĞLU R., ÖZALTIN F.  
PEDIATRIC NEPHROLOGY, vol.37, no.11, pp.2830-2831, 2022 (SCI-Expanded)
- VII. **Generating Lifetime-Enhanced Microbubbles by Decorating Shells with Silicon Quantum Nano-Dots Using a 3-Series T-Junction Microfluidic Device**  
Wu B., Luo C. J., Palaniappan A., Jiang X., Gultekinoglu M., Ulubayram K., Bayram C., Harker A., Shirahata N., Khan A. H., et al.  
LANGMUIR, vol.38, no.36, pp.10917-10933, 2022 (SCI-Expanded)
- VIII. **Mitochondria-targeted CoQ(10) loaded PLGA-b-PEG-TPP nanoparticles: Their effects on mitochondrial functions of COQ8B(-/-) HK-2 cells**  
Sena Ozbay H., Yabanoglu-Ciftci S., Baysal I., Gultekinoglu M., Can Eylem C., Ulubayram K., Nemutlu E., Topaloglu R., Ozaltin F.  
EUROPEAN JOURNAL OF PHARMACEUTICS AND BIOPHARMACEUTICS, vol.173, pp.22-33, 2022 (SCI-Expanded)
- IX. **Facile One-Pot Method for All Aqueous Green Formation of Biocompatible Silk Fibroin-Poly(Ethylene Oxide) Fibers for Use in Tissue Engineering**  
Heseltine P. L., BAYRAM C., GÜLTEKİNOĞLU BAYRAM M., Homer-Vanniasinkam S., ULUBAYRAM K., Edirisinghe M.  
ACS BIOMATERIALS SCIENCE & ENGINEERING, vol.8, no.3, pp.1290-1300, 2022 (SCI-Expanded)
- X. **Co-Axial Gyro-Spinning of PCL/PVA/HA Core-Sheath Fibrous Scaffolds for Bone Tissue Engineering**

Mahalingam S., BAYRAM C., GÜLTEKİNOĞLU BAYRAM M., ULUBAYRAM K., Homer-Vanniasinkam S., Edirisinghe M. *MACROMOLECULAR BIOSCIENCE*, vol.21, no.10, 2021 (SCI-Expanded)

- XI. **Assessment of electromechanically stimulated bone marrow stem cells seeded acellular cardiac patch in a rat myocardial infarct model**  
Öztürk Ş., Shahbazi R., Zeybek N. D., Kürüm B., Gültekinoglu Bayram M., Aksoy E. A., Demircin M., Ulubayram K. *BIOMEDICAL MATERIALS*, vol.16, no.5, 2021 (SCI-Expanded)
- XII. **Current approaches and future prospects of nanofibers: a special focus on antimicrobial drug delivery**  
Topcu B., GÜLTEKİNOĞLU BAYRAM M., TİMUR S. S., EROĞLU İ., ULUBAYRAM K., EROĞLU H. *JOURNAL OF DRUG TARGETING*, vol.29, no.6, pp.563-575, 2021 (SCI-Expanded)
- XIII. **Effectiveness of Oil-Layered Albumin Microbubbles Produced Using Microfluidic T-Junctions in Series for In Vitro Inhibition of Tumor Cells**  
Khan A. H., Jiang X., Surwase S., GÜLTEKİNOĞLU BAYRAM M., BAYRAM C., Sathisaran I., Bhatia D., Ahmed J., Wu B., ULUBAYRAM K., et al. *LANGMUIR*, vol.36, no.39, pp.11429-11441, 2020 (SCI-Expanded)
- XIV. **Bacterial cellulose micro-nano fibres for wound healing applications**  
Ahmed J., Gultekinoglu M., Edirisinghe M. *BIOTECHNOLOGY ADVANCES*, vol.41, 2020 (SCI-Expanded)
- XV. **Liposome-based combination therapy for acne treatment**  
EROĞLU İ., Aslan M., Yaman U., Gultekinoglu M., ÇALAMAK S., KART D., ULUBAYRAM K. *JOURNAL OF LIPOSOME RESEARCH*, vol.30, no.3, pp.263-273, 2020 (SCI-Expanded)
- XVI. **Self-assembled micro-stripe patterning of sessile polymeric nanofluid droplets**  
Gultekinoglu M., Jiang X., BAYRAM C., Wu H., ULUBAYRAM K., Edirisinghe M. *JOURNAL OF COLLOID AND INTERFACE SCIENCE*, vol.561, pp.470-480, 2020 (SCI-Expanded)
- XVII. **Preparation of poly(glycerol sebacate) fibers for tissue engineering applications**  
Gultekinoglu M., Orturk Ş., Chen B., Edirisinghe M., ULUBAYRAM K. *EUROPEAN POLYMER JOURNAL*, vol.121, 2019 (SCI-Expanded)
- XVIII. **Biofabrication of Gelatin Tissue Scaffolds with Uniform Pore Size via Microbubble Assembly**  
BAYRAM C., Jiang X., Gultekinoglu M., ÖZTÜRK Ş., ULUBAYRAM K., Edirisinghe M. *MACROMOLECULAR MATERIALS AND ENGINEERING*, vol.304, no.11, 2019 (SCI-Expanded)
- XIX. **Gel network comprising UV crosslinked PLGA-b-PEG-MA nanoparticles for ibuprofen topical delivery**  
EROĞLU İ., Gultekinoglu M., BAYRAM C., Erikci A., Ciftci S. Y., AKSOY E. A., ULUBAYRAM K. *PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY*, vol.24, no.9, pp.1144-1154, 2019 (SCI-Expanded)
- XX. **Honeycomb-like PLGA-?-PEG Structure Creation with T-Junction Microdroplets**  
GÜLTEKİNOĞLU M., Jiang X., BAYRAM C., ULUBAYRAM K., Edirisinghe M. *LANGMUIR*, vol.34, no.27, pp.7989-7997, 2018 (SCI-Expanded)
- XXI. **Gold nano-decorated aligned polyurethane nanofibers for enhancement of neurite outgrowth and elongation**  
DEMİR U. S., SHAHBAZI R., ÇALAMAK S., ÖZTÜRK Ş., GÜLTEKİNOĞLU M., ULUBAYRAM K. *JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A*, vol.106, no.6, pp.1604-1613, 2018 (SCI-Expanded)
- XXII. **Synthesis of biodegradable polyurethanes chain-extended with (2S)-bis(2-hydroxypropyl) 2-aminopentane dioate**  
AKSOY E. A., TAŞKOR G., GÜLTEKİNOĞLU M., KARA F., ULUBAYRAM K. *JOURNAL OF APPLIED POLYMER SCIENCE*, vol.135, no.5, 2018 (SCI-Expanded)
- XXIII. **Polyethyleneimine brushes effectively inhibit encrustation on polyurethane ureteral stents both in dynamic bioreactor and in vivo**  
GULTEKINOGLU M., Kurum B., Karahan S., KART D., SAĞIROĞLU M., Ertas N., ÖZEN A. H., ULUBAYRAM K. *MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS*, vol.71, pp.1166-1174, 2017 (SCI-Expanded)
- XXIV. **Donepezil loaded PLGA-b-PEG nanoparticles: their ability to induce destabilization of amyloid fibrils and to cross blood brain barrier in vitro**

BAYSAL İ., UÇAR G., GULTEKİNOĞLU M., ULUBAYRAM K., Yabanoglu-Ciftci S.  
JOURNAL OF NEURAL TRANSMISSION, vol.124, no.1, pp.33-45, 2017 (SCI-Expanded)

XXV. **An overview of nanofiber-based antibacterial drug design**

ÇALAMAK S., SHAHBAZI R., EROĞLU İ., Gultekinoglu M., ULUBAYRAM K.  
EXPERT OPINION ON DRUG DISCOVERY, vol.12, no.4, pp.391-406, 2017 (SCI-Expanded)

XXVI. **Nanoscale characteristics of antibacterial cationic polymeric brushes and single bacterium interactions probed by force microscopy**

Gultekinoglu M., OH Y. J., HINTERDORFER P., DUMAN M., CATCAT D., ULUBAYRAM K.  
RSC ADVANCES, vol.6, no.21, pp.17092-17099, 2016 (SCI-Expanded)

XXVII. **Designing of dynamic polyethyleneimine (PEI) brushes on polyurethane (PU) ureteral stents to prevent infections**

Gultekinoglu M., SARISOZEN Y. T., Erdogdu C., SAĞIROĞLU M., AKSOY E. A., OH Y. J., HINTERDORFER P., ULUBAYRAM K.

ACTA BIOMATERIALIA, vol.21, pp.44-54, 2015 (SCI-Expanded)

## Articles Published in Other Journals

I. **Alleviating the toxicity concerns of antibacterial cinnamon-polycaprolactone biomaterials for healthcare-related biomedical applications**

Ahmed J., GÜLTEKİNOĞLU BAYRAM M., BAYRAM C., KART D., ULUBAYRAM K., Edirisinghe M.  
MEDCOMM, vol.2, no.2, pp.236-246, 2021 (ESCI)

## Books & Book Chapters

I. **Biomaterials: Innovation for world healthcare**

Gültekinoglu Bayram M.  
Institute of Physics Publishing (IOP) , Bristol, 2024

II. **Antibakteriyel Biyomalzemeler,**

Çalamak S., Gültekinoglu Bayram M., Ulubayram K.  
in: Biyomalzeme ve Nanomalzeme Uygulamaları, Filiz Kuralay, Editor, Palme Yayın Dağıtım, Ankara, pp.115-131, 2018

III. **Biyomalzemeler İçin Yüzey Modifikasyonu Stratejileri**

Gültekinoglu Bayram M., Aksoy E. A.  
in: İleri Malzemeler; Biyomalzeme ve Nanomalzeme Uygulamaları, Filiz Kuralay, Editor, Palme Yayın Dağıtım, Ankara, pp.133-146, 2018

## Refereed Congress / Symposium Publications in Proceedings

I. **Microbubble generation via T-junction microfluidics as a versatile tool for the fabrication of highly uniform porous biomaterials**

GÜLTEKİNOĞLU M., Xinyue J., BAYRAM C., ÖZTÜRK Ş., ULUBAYRAM K., Edirisinghe M.  
24th International Biomedical Science and Technology Symposium, İzmir, Turkey, 17 - 20 October 2019

II. **Biofabrication of Gelatin Tissue Scaffoldswith Uniform Pore Size via Microbubble Assembly,**

Bayram C., Jiang X., Gültekinoglu Bayram M., Öztürk Ş., Ulubayram K., Edirisinghe M.  
24. Biomedical Science and Technology Symposium, İzmir, Turkey, 17 - 20 October 2019, pp.77

III. **Poly(Polyol)Sebacate (PPS) Gyro-Fiber Supported Hybrid Gel-M Hydrogel Tissue Scaffolds**

Gültekinoglu Bayram M., Öztürk Ş., Chen B., Edirisinghe M., Ulubayram K.  
24. Biomedical Science and Technology Symposium-BIOMED, İzmir, Turkey, 17 - 20 October 2019, pp.54

- IV. **The Behavioral Changes Of Donepezil-Loaded Plga-B-Peg Nanoparticles On Beta-Amyloid 25–35 Injected Rat Model Of Alzheimer’s Disease.**  
ÇINAR E., TEL B. C., BAYSAL İ., GÜLTEKİNOĞLU M., ULUBAYRAM K., YABANOĞLU ÇİFTÇİ S., UÇAR G.  
International Multidisciplinary Symposium on Drug Research Development (DRD 2019), 1 - 03 July 2019
- V. **The Effect of Ibuprofen Loaded nanogel Formulations on Collagen Synthesis**  
EROĞLU İ., GÜLTEKİNOĞLU M., YABANOĞLU ÇİFTÇİ S., ERİKÇİ A., BAYRAM C., AKSOY E. A., ULUBAYRAM K.  
19th International Pharmaceutical Technology Symposium (IPTS), Antalya, Turkey, 17 - 19 September 2018
- VI. **Enhanced wettability and improved mineralization on zwitterionic polymer brush grafted titanium surfaces**  
Öztürk S., Gültekinoglu Bayram M., Kavaz D., Bayram C.  
4th world Termis, Kyoto, Japan, 1 September - 04 October 2018, pp.55
- VII. **Synthesis and Characterization of Polyethylene glycol-co-poly(glycerol) Sebecate (PEGS)**  
GÜLTEKİNOĞLU M., ULUBAYRAM K.  
28th Annual Conference of the European Society for Biomaterials (ESB), 4 - 08 September 2017
- VIII. **Designing and Performance of Antibacterial Polymeric Brushed Ureteral Stents In-vivo**  
GULTEKINOGLU M., KART D., KÜRÜM B., AKSOY E. A., KARAHAN S., SAĞIROĞLU M., ÖZEN A. H., ULUBAYRAM K.  
International Biomedical Science and Technology Symposium, Ankara, Turkey, 12 - 14 May 2017
- IX. **Formulation of Plga b peg Nanoparticles as Nanogel Networks for Dermal Drug Delivery**  
EROĞLU İ., GÜLTEKİNOĞLU M., BAYRAM C., AKSOY E. A., ULUBAYRAM K.  
18th International Pharmaceutical Technology Symposium, 18 - 21 September 2016
- X. **Polycationic Polymeric Brush Decoration on Polyurethane for Dual Effective Antibacterial Activity**  
GÜLTEKİNOĞLU M., SARIZÖZEN TUNÇ Y., ERDOĞDU C., SAĞIROĞLU M., OH JİN Y., HINTERDORFER P., AKSOY E. A., ULUBAYRAM K.  
46th IUPAC WORLD POLYMER CONGRESS, 17 - 21 July 2016
- XI. **Synthesis and Characterization of Amphiphilic Poly ol sebacate Derivatives**  
GÜLTEKİNOĞLU M., ULUBAYRAM K.  
46th IUPAC WORLD POLYMER CONGRESS, 17 - 21 July 2016
- XII. **Synergistic effects of chemical biological and electromechanical stimulations oncardiomyogenic differentiation of BMSCs**  
Öztürk Ş., Shahbazi R., GÜLTEKİNOĞLU M., ZEYBEK N. D., AKSOY E. A., DEMİRCİN M., ULUBAYRAM K.  
TERMIS-European Chapter Meeting of the Tissue Engineering and Regenerative Medicine International Society 2016, Sweden, 28 June - 01 July 2016
- XIII. **UV Crosslinkable PLGA b PEG Nanoparticle Integrated Gel Networks for Topical Drug Delivery**  
GÜLTEKİNOĞLU M., EROĞLU İ., BAYRAM C., AKSOY E. A., ULUBAYRAM K.  
Nanotech France 2016 Conference and Exhibition, Paris, France, 1 - 03 June 2016
- XIV. **Elucidation of interactions between single bacterium and polycationic brushes by force microscopy**  
YOO JİN O., GÜLTEKİNOĞLU M., HINTERDORFER P., DUMAN M., CATCAT D., ULUBAYRAM K.  
6th Multifrequency AFM Conference, 30 March - 01 April 2016
- XV. **Biodegradable Polyurethanes Extended with L Glutamic Acid Derivatives**  
AKSOY E. A., TAŞKOR G., GÜLTEKİNOĞLU M., Kara F., ULUBAYRAM K.  
21st International Biomedical Science and Technology Symposium, 22 - 24 October 2015
- XVI. **Nanoscale Adhesion Kinetics of Single Bacteria Polymeric Brushes via Single Cell Force Microscopy**  
GÜLTEKİNOĞLU M., YOO JİN O., DUMAN M., PETER H., ULUBAYRAM K.  
21st International Biomedical Science and Technology Symposium 22 - 24 October 2015, Antalya, Turkey, 22 - 24 October 2015
- XVII. **In vitro and in vivo Performance of Polyethyleneimine (PEI) Brushes Integrated on Polyurethane (PU) Ureteral Stents Against Biofilm Formation and Encrustation**  
Gultekinoglu M., Kurum B., Karahan S., KART D., SAĞIROĞLU M., ÖZEN H., ULUBAYRAM K.  
4th TERMIS World Congress, Massachusetts, United States Of America, 8 - 11 September 2015, vol.21
- XVIII. **L-Glutamic Acid Derived Biodegradable Polyurethanes**  
AKSOY E. B., Taskor G., Gultekinoglu M., KARA F., ULUBAYRAM K.

4th TERMIS World Congress, Massachusetts, United States Of America, 8 - 11 September 2015, vol.21

- XIX. Behavioural changes in donepezil loaded PLGA b PEG nanoparticles on beta amyloid 25 35 injected rat model of Alzheimer s disease**  
Tel B. C., Çınar E., Mutluay S. U., Baysal İ., Erişçi A., Gültekinöğlü M., Ulubayram K., Yabanoğlu Çiftçi S., Uçar G.  
IBRO 2015, Rio De Janeiro, Brazil, 7 - 11 July 2015, pp.55
- XX. Nanoscale Characterization of Cationic Polymeric Brushes and Bacterial Interactions Probed by Force Microscopy**  
GÜLTEKİNOĞLU M., OH Y. J., DUMAN M., Hinterdorfer P., ULUBAYRAM K.  
26th European Conference on Biomaterials(ESB), 31 August - 03 September 2014
- XXI. Dynamic PEI brushes against Gram-negative bacteria species with a contact-active strategy**  
GÜLTEKİNOĞLU M., Tunç Sarisözen Y., ERDOĞDU C., SAĞIROĞLU M., ULUBAYRAM K.  
16. Annual Linz Winterworkshop, 30 January - 02 February 2014
- XXII. Polymeric Brushes to Develop Antibacterial Polyurethane Surfaces**  
GÜLTEKİNOĞLU M., Tunç Sarisözen Y., ERDOĞDU C., SAĞIROĞLU M., ULUBAYRAM K.  
European Society for Biomaterials(ESB)25th Annual Meeting, Madrid, Spain, 8 - 12 September 2013

## Supported Projects

Gültekinöğlü Bayram M., Ulubayram K., Mangır N., Zeybek N. D., Gürsel İ., TÜBİTAK Project, Development of an Extracellular Vesicle Containing Injectable Hydrogel and Evaluation of It's Therapeutic Effects in a Model of Testicular Torsion (EXOGEL), 2021 - 2024

Ulubayram K., Gültekinöğlü Bayram M., Mangır N., Kart D., Project Supported by Public Organizations in Other Countries, Tissue engineered in vitro models to transform the pre- clinical development pathways for pelvic floor repair materials used in surgical treatment of women with urinary incontinence, 2021 - 2023

ULUBAYRAM K., GÜLTEKİNOĞLU BAYRAM M., Project Supported by Higher Education Institutions, POLİ(POLİOL)SEBAKAT BAZLI BİYOBZUNUR ELASTOMERLERİN SENTEZİ VE JİRO EĞRİLMİŞ FİBER DESTEKLİ HİDROJEL DOKU İSKELELERİNİN GELİŞTİRİLMESİ, 2017 - 2019

EROĞLU İ., ULUBAYRAM K., AKSOY E. A., GÜLTEKİNOĞLU BAYRAM M., ÇALAMAK S., Project Supported by Higher Education Institutions, Kombine Etkili Nanolipozomların Geliştirilmesi, 2017 - 2018

BAYRAM C., KAVAZ D., Öztürk S., GÜLTEKİNOĞLU M., Project Supported by Higher Education Institutions, YüzeYden Başlangıçlı Polimerizasyon ile Titanyum YüzeYlerde Çift Kutuplu Fosforilkolin Temelli Fırça Tipli Polimer Zincirlerinin Eldesi Karakterizasyonu ve Mineralizasyona Etkisi, 2017 - 2018

EROĞLU İ., GÜLTEKİNOĞLU M., AKSOY E. A., ULUBAYRAM K., Project Supported by Higher Education Institutions, Topikal Nanojel Formülasyonlarının Geliştirilmesi, 2016 - 2017

GÜLTEKİNOĞLU BAYRAM M., Project Supported by Higher Education Institutions, Nanotech France 2016 Kongre katılımı ve bilişim desteği, 2016 - 2016

AKSOY E. A., ULUBAYRAM K., GÜLTEKİNOĞLU M., TAŞKOR G., KARA F., Project Supported by Higher Education Institutions, L-Glutamik Asit Türevleri ile Düzenlenmiş Biyobozunur Poliüretanlar, 2015 - 2015

GÜLTEKİNOĞLU BAYRAM M., Project Supported by Higher Education Institutions, BİYOFİLM OLUŞUMU VE TAŞLAŞMAYA KARŞI FIRÇA TİPİ POLİETİLENİMİN PEİ İLE POLİÜRETAN PU ÜRİNER STENTLERİN MODİFİKASYONU, 2015 - 2015

AKSOY E. A., TAŞKOR G., CANSU C., GÜLTEKİNOĞLU M., Project Supported by Higher Education Institutions, YENİ NESİL BİYOBZUNUR POLİMERLERİN SENTEZİ VE KARAKTERİZASYONU, 2014 - 2015

## Memberships / Tasks in Scientific Organizations

Biomaterials and Tissue Engineering Society, Member, 2014 - Continues, Turkey

Tissue engineering and regenerative medicine, Member, 2015 - 2019, United States Of America

## **Scientific Refereeing**

TURKISH JOURNAL OF PHARMACEUTICAL SCIENCES, National Scientific Refreed Journal, March 2021  
JOURNAL OF COLLOID AND INTERFACE SCIENCE, SCI Journal, February 2020  
LANGMUIR, SCI Journal, November 2019  
ACS APPLIED MATERIALS & INTERFACES, SCI Journal, July 2018  
JOURNAL OF MICROENCAPSULATION, SCI Journal, August 2016  
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, SCI Journal, March 2016

## **Mobility Activity**

Other, Research During Graduate Education, University College London, England, 2017 - 2018  
Other, Research During Graduate Education, Johannes Kepler Universitaet Linz, Austria, 2014 - 2014  
Erasmus Programme, Get Education, University of Malta, Malta, 2007 - 2008

## **Metrics**

Publication: 53  
Citation (WoS): 542  
Citation (Scopus): 600  
H-Index (WoS): 13  
H-Index (Scopus): 13

## **Awards**

Gültekinöglü Bayram M., Hacettepe Üniversitesi Bilim Teşvik Ödülü, Hacettepe Üniversitesi, December 2020  
Gültekinöglü Bayram M., Designing and Performance of Antibacterial Polymeric Brushed Ureteral Stents In-vivo, Biyomalzeme Ve Doku Mühendisliği Deneği, May 2017

## **Non Academic Experience**

UNIVERSITY COLLEGE LONDON  
JOHANNES KEPLER UNIVERSITY