

## Prof. KEZBAN ULUBAYRAM

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### International Researcher IDs

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### Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Biyoteknoloji, Turkey  
1991 - 1997

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Kimya Bölümü, Turkey  
1988 - 1990

Undergraduate, Middle East Technical University, Fen Ve Edebiyat Fakültesi, Kimya Bölümü, Turkey 1983 - 1988

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Postgraduate, Development and characterization of polyetherurethanes as biomaterials, Orta Doğu Teknik Üniversitesi,  
Risk Analizi A.B.D., Kimya (YI) (Tezli), 1990

### Research Areas

Basic Pharmaceutics Sciences, Pharmacology and Therapeutics, Basic Sciences of Pharmacy, Biomedical Engineering,  
Chemistry, Health Sciences, Natural Sciences, Engineering and Technology

### Academic and Administrative Experience

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

Head of Department, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2009 - 2015

### Courses

## Advising Theses

- Ulubayram K., SYNTHESIS OF POLY(POLYOL)SEBACATE BASED BIODEGRADABLE ELASTOMERS AND DEVELOPMENT OF GYRO FIBER INTEGRATED HYDROGEL SCAFFOLDS, Doctorate, M.GÜLTEKİNOĞLU(Student), 2019
- Ulubayram K., ENHANCING THE SENSITIVITY OF NANOPLASMONIC PLATFORMS FOR DETECTING PROSTATE CANCER BIOMARKERS, Doctorate, S.ÇALAMAK(Student), 2018
- Ulubayram K., DEVELOPMENT OF INJECTABLE HEMOSTATIC FIBROIN MICROGELS, Postgraduate, G.MANAP(Student), 2018
- ULUBAYRAM K., Development of a gene-knockdown approach based on siRNA/gold nanoparticles for breast cancer therapy, Doctorate, R.SHAHBAZI(Student), 2017
- Serper A., Ulubayram K., Hidrojel doku iskeleleri kullanılarak kök hücre aracılı diş pulpa rejenerasyonu, Doctorate, H.AKSEL(Student), 2016
- ULUBAYRAM K., Mikro ve nano desenlenmiş doku iskelelerinde nöral hücre davranışlarının incelenmesi, Doctorate, İ.ÖZÇİÇEK(Student), 2016
- ULUBAYRAM K., Altın nanopartiküller ile dekore edilmiş nanofiberlerde uyarıcı faktörlerin nörit uzaması üzerine etkisi, Postgraduate, Ü.SELCEN(Student), 2015
- ULUBAYRAM K., Üreteral stentlerde enfeksiyon önleyici antibakteriyel fırça tipi polimer aşılamanın geliştirilmesi, Postgraduate, M.GÜLTEKİNOĞLU(Student), 2013
- ULUBAYRAM K., Yara örtüsü olarak ipek bazlı antibakteriyel biyonanotekstillere üretimi, Postgraduate, S.ÇALAMAK(Student), 2012
- ULUBAYRAM K., Vasküler oksidatif strese karşı ICAM-1'e yönlendirilmiş katalaz yüklü polimerik nanopartiküllerin geliştirilmesi, Postgraduate, E.SARI(Student), 2011
- ULUBAYRAM K., Beyne hedeflendirmiş polisorbata 80 kaplı/Atorvastatin yüklü amfililik PLGA-b-PEG nanopartiküllerinin hazırlanması ve in-vivo değerlendirilmesi, Postgraduate, S.ŞİMŞEK(Student), 2010
- ULUBAYRAM K., Doku mühendisliği yöntemiyle küçük çaplı vasküler greftlerin biyoreaktörde inşa edilmesi, Postgraduate, H.MUTLU(Student), 2010
- ULUBAYRAM K., Synthesis of acrylic based high internal phase emulsion polymers and their application in chromatography, Doctorate, Y.TUNÇ(Student), 2009
- ULUBAYRAM K., Synthesis of molecularly imprinted polymers as HPLC stationary phase for 4-aminophenol, Postgraduate, E.BAYKARA(Student), 2008
- ULUBAYRAM K., Parasetamol ve 4-aminofenolün ters iyon çifti yüksek performanslı sıvı kromatografisi ile analizi, Postgraduate, E.UÇAKTÜRK(Student), 2006
- ULUBAYRAM K., Integrated biomimetic scaffolds for soft tissue engineering, Postgraduate, S.GÜVEN(Student), 2006
- ULUBAYRAM K., Binding characteristics of molecularly imprinted polymers selective for theophylline, Postgraduate, Y.TUNÇ(Student), 2003
- ULUBAYRAM K., Gelatin based drug release systems for thalassaemia treatment, Postgraduate, A.KIZILTAY(Student), 2003
- ULUBAYRAM K., Gelatin sponges as wound dressing materials, Postgraduate, E.AKSU(Student), 2000

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

- I. **Gold nanoparticles-mediated photothermal and photodynamic therapies for cancer**  
Turkmen Koc S. N., Rezaei Benam S., ARAL İ. P., Shahbazi R., ULUBAYRAM K.  
International Journal of Pharmaceutics, vol.655, 2024 (SCI-Expanded)
- II. **Effect of final irrigation protocols with chitosan nanoparticle and genipin on dentine against collagenase degradation: An ex-vivo study**  
Şengül S., ÖZTÜRK Ş., ULUBAYRAM K., PEKEL BAYRAMGİL N., KÜÇÜKKAYA EREN S.

International Endodontic Journal, vol.57, no.4, pp.477-489, 2024 (SCI-Expanded)

- III. **Omic Studies on In Vitro Cystinosis Model: siRNA-Mediated CTNS Gene Silencing in HK-2 Cells**  
Baysal İ., YABANOĞLU ÇİFTÇİ S., NEMUTLU E., EYLEM C. C., Gök-Topak E. D., ULUBAYRAM K., KIR S., GÜLHAN B., UÇAR G., ÖZALTIN F., et al.  
Laboratory investigation; a journal of technical methods and pathology, vol.104, no.1, pp.100287, 2024 (SCI-Expanded)
- IV. **Metabolomic Analyses to Identify Candidate Biomarkers of Cystinosis**  
NEMUTLU E., ÖZALTIN F., YABANOĞLU ÇİFTÇİ S., GÜLHAN B., Eylem C. C., BAYSAL İ., Gök-Topak E. D., ULUBAYRAM K., SEZERMAN O. U., UÇAR G., et al.  
International Journal of Molecular Sciences, vol.24, no.3, 2023 (SCI-Expanded)
- V. **A scoping review of tissue interposition flaps used in vesicovaginal fistulae repair**  
Serinçay H., Güler H. U., ULUBAYRAM K., MANGIR BOLAT N.  
Therapeutic Advances in Urology, vol.15, 2023 (SCI-Expanded)
- VI. **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)
- VII. **CANDIDATE BIOMARKER(S) FOR CYSTINOSIS WITH OMIC-BASED TECHNOLOGY: FROM LABORATORY TO BED-SIDE**  
NEMUTLU E., Eylem C. C., GÜLHAN B., BAYSAL İ., Yabanoglu-Ciftci S., KIR S., ULUBAYRAM K., UÇAR G., SEZERMAN O. U., ÖZALTIN F., et al.  
PEDIATRIC NEPHROLOGY, vol.37, no.11, pp.2831, 2022 (SCI-Expanded)
- VIII. **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)
- IX. **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)
- X. **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)
- XI. **Development of tumor-specific liposomes containing quantum dots-photosensitizer conjugate used for radiotherapy**  
Karabuga M., Erdogan S., Timur S. S., VURAL İ., calamak S., Ulubayram K.  
JOURNAL OF LIPOSOME RESEARCH, vol.32, no.4, pp.396-404, 2022 (SCI-Expanded)
- XII. **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)
- XIII. **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)
- XIV. **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)
- XV. **Electrospun Nanofibers for Dual and Local Delivery of Neuroprotective Drugs**  
Haidar M. K., TİMUR S. S., Demirbolat G. M., NEMUTLU E., GÜRSOY R. N., ULUBAYRAM K., ÖNER L., EROĞLU H.  
FIBERS AND POLYMERS, vol.22, no.2, pp.334-344, 2021 (SCI-Expanded)
- XVI. **Current status of micro/nanomotors in drug delivery**  
Tezel G., TİMUR S. S., KURALAY F., GÜRSOY R. N., ULUBAYRAM K., ÖNER L., EROĞLU H.  
JOURNAL OF DRUG TARGETING, vol.29, no.1, pp.29-45, 2021 (SCI-Expanded)
- XVII. **Surface modified nanoliposome formulations provide sustained release for 5-FU and increase cytotoxicity on A431 cell line**  
Yaman U., Aslan M., ÖZTÜRK Ş., ULUBAYRAM K., EROĞLU İ.  
PHARMACEUTICAL DEVELOPMENT AND TECHNOLOGY, vol.25, no.10, pp.1192-1203, 2020 (SCI-Expanded)
- XVIII. **Polymeric Nanoparticle Versus Liposome Formulations: Comparative Physicochemical and Metabolomic Studies as l-Carnitine Delivery Systems**  
Yasacan M., Erikci A., Eylem C. C., Ciftci S. Y., NEMUTLU E., ULUBAYRAM K., EROĞLU İ.  
AAPS PHARMSCITECH, vol.21, no.8, 2020 (SCI-Expanded)
- XIX. **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)
- XX. **Development of besifloxacin HCl loaded nanofibrous ocular inserts for the treatment of bacterial keratitis: In vitro, ex vivo and in vivo evaluation**  
POLAT H. K., Pehlivan S. B., Ozkul C., ÇALAMAK S., Ozturk N., AYTEKİN E., FIRAT A., ULUBAYRAM K., KOCABEYOĞLU S., Irkeç M., et al.  
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.585, 2020 (SCI-Expanded)
- XXI. **The Effects of Polymer Coating of Gold Nanoparticles on Oxidative Stress and DNA Damage**  
Sen G. T., Ozkemahli G., Shahbazi R., Erkekoglu P., ULUBAYRAM K., Kocer-Gumusel B.  
INTERNATIONAL JOURNAL OF TOXICOLOGY, vol.39, no.4, pp.328-340, 2020 (SCI-Expanded)
- XXII. **Atorvastatin-loaded nanosprayed chitosan nanoparticles for peripheral nerve injury**  
Haidar M. K., Demirbolat G. M., TİMUR S. S., GÜRSOY R. N., NEMUTLU E., ULUBAYRAM K., ÖNER L., EROĞLU H.  
BIOINSPIRED BIOMIMETIC AND NANOBOMATERIALS, vol.9, no.2, pp.74-84, 2020 (SCI-Expanded)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **Vancomycin Loaded Gelatin Microspheres Containing Wet Spun Poly(epsilon-caprolactone) Fibers and Films for Osteomyelitis Treatment**  
AKSOY E. A., Yagci B. S., Manap G., EROĞLU İ., ÖZTÜRK Ş., EKİZOĞLU M., ULUBAYRAM K.  
FIBERS AND POLYMERS, vol.20, no.11, pp.2236-2246, 2019 (SCI-Expanded)
- XXVII. **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)
- XXVIII. **Effect of dentine conditioning with phytic acid or etidronic acid on growth factor release, dental pulp stem cell migration and viability**  
Sungur D., Aksel H., Ozturk S., Yilmaz Z., Ulubayram K.  
INTERNATIONAL ENDODONTIC JOURNAL, vol.52, no.6, pp.838-846, 2019 (SCI-Expanded)

- XXIX. **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)
- XXX. **Comonomer effects on binding performances and morphology of acrylate-based imprinted polymers**  
TUNÇ Y., HASIRCI N., Yesilada A., Ulubayram K.  
POLYMER, vol.47, no.20, pp.6931-6940, 2006 (SCI-Expanded)
- XXXI. **Preparation, modification, and characterization of acrylic cements**  
BAŞGÖRENAY B., Ulubayram K., ŞERBETÇİ K., ONURHAN E., HASIRCI N.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.99, no.6, pp.3631-3637, 2006 (SCI-Expanded)
- XXXII. **Molecularly imprinted polymers**  
Ulubayram K.  
BIOMATERIALS: FROM MOLECULES TO ENGINEERED TISSUES, vol.553, pp.123-138, 2004 (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)
- II. **Long-Term Release Profiles of Growth Factors From DPSCs on Demineralized Dentin Under Osteogenic Environment and Their Effects on Odontogenic Differentiation**  
ÖZTÜRK Ş., AKSEL H., ASLANTAŞ E. E., ULUBAYRAM K.  
Hacettepe University Journal of the Faculty of Pharmacy, vol.40, no.1, pp.11-19, 2020 (Scopus)
- III. **Fabrication of Micron-Sized Polymer Spheres by Precipitation Polymerization Technique**  
Tunc Y., Baykara E., Ulubayram K.  
AFRICAN REVIEW OF PHYSICS, vol.2, pp.163-164, 2008 (ESCI)

### 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. **The role of glutathione-S-transferase in mesenchymal transition (EMT) model in colorectal cancer and the enhancement of adjuvant therapy by targeting glutathione-S-transferase inhibitor**  
ÖZÇELİK B., ERİKÇİ A., BİLGİÇ E., EROĞLU İ., ATILLA P., ULUBAYRAM K., İSKİT A. B.  
BIOMED2019: 24th International Biomedical Science Technology Symposium, 17 - 20 October 2019
- III. **Development of Besifloxacin HCl Loaded Inert Formulations for the Treatment of Bacterial Keratitis**  
POLAT H. K., ÇALAMAK S., AYTEKİN E., PEHLİVAN S., ULUBAYRAM K., ÇALIŞ S.  
8th BBBB International Conference on Pharmaceutical Sciences, Turkey, 14 - 16 October 2019
- IV. **In Vitro Evaluation of Ocular Inert Formulations Containing Besifloxacin HCl**  
POLAT H. K., ÇALAMAK S., AYTEKİN E., PEHLİVAN S., ULUBAYRAM K., ÇALIŞ S.  
8th BBBB International Conference on Pharmaceutical Sciences, Turkey, 14 - 16 October 2019
- V. **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
- VI. **OPTIMIZATION OF ETA-LOADED NANOFORMULATIONS FOR IMPROVING THE EFFECTIVENESS OF**

## ADJUVANT CHEMOTHERAPY

ÖZÇELİK B., ERİKÇİ A., EROĞLU İ., ULUBAYRAM K., UÇAR G., İSKİT A. B.

International Multidisciplinary Symposium on Drug Research Development (DRD 2019), Malatya, Turkey, 1 - 03 July 2019

- VII. **Mikroakışkan Sistemler ile PLGA-b-PEG Kopolimerlerinin Gözenekli Film ve Nanopartikül Formunda Desenlenmesi**  
GÜLTEKİNOĞLU M., Xinyue J., BAYRAM C., ULUBAYRAM K., Edirisinghe M.  
23. Biyomedikal Bilim ve Teknoloji Sempozyumu, Turkey, 15 - 16 December 2018
- VIII. **Biological impact of dentine conditioning by various chelating agents on the viability of dental pulp stem cells**  
AKSEL H., DENİZ SUNGUR D., ÖZTÜRK Ş., YILMAZ Z., ULUBAYRAM K.  
18. Avrupa Endodonti Derneği Yıllık Kongresi, United States Of America, 14 - 16 September 2017, vol.50, pp.3-56
- IX. **The Effects of Surface Modifications of Gold Nanoparticles on Cytotoxicity and Intracellular Reactive Oxygen Species in Hepg2 cells**  
ŞEN G. T., YILDIZTEKİN K. G., SHAHBAZİ R., ERKEKOĞLU Ü. P., ULUBAYRAM K., GÜMÜŞEL B.  
DRD, 05 October 2017 - 07 October 2017
- X. **Conductive Micro-Channeled Polyurethane Scaffolds for the Induction of Axonal Guidance in DRG Sensory Neurons**  
ULUBAYRAM K., ÖZÇİÇEK İ., SHAHBAZİ R., ÖZTÜRK G.  
28th Annual Meeting of the European Society for Biomaterials (ESB 2017), Greece, 4 - 08 September 2017
- XI. **Synthesis and Characterization of Polyethylene glycol-co-poly(glycerol)sebacate (PEGS)**  
GÜLTEKİNOĞLU M., ULUBAYRAM K.  
28th European Conference on Biomaterials, Atina, Greece, 4 - 08 September 2017
- XII. **Polycationic Polymeric Brush Decoration on Polyurethane for Dual Effective Antibacterial Activity**  
GÜLTEKİNOĞLU M., Sarısözen Y. T., ERDOĞDU C., SAĞIROĞLU M., Oh Y. J., Hinterdorfer P., AKSOY E. A., ULUBAYRAM K.  
Macro 2016-World Polymer Congress, İstanbul, Turkey, 17 - 21 July 2016
- XIII. **Synthesis and Characterization of Amphiphilic Polyol sebacate Derivatives**  
GÜLTEKİNOĞLU M., ULUBAYRAM K.  
Macro 2016- World Polymer Congress, İstanbul, Turkey, 17 - 21 July 2016
- XIV. **Polycationic Polymeric Brush Decoration on Polyurethane for Dual Effective Antibacterial Activity**  
GÜLTEKİNOĞLU M., sarısözen y. t., ERDOĞDU C., SAĞIROĞLU M., Oh Y. J., Hinterdorfer P., AKSOY E. A., ULUBAYRAM K.  
46th IUPAC WORLD POLYMER CONGRESS, 17 - 21 July 2016
- XV. **Polycationic Polymeric Brush Decoration on Polyurethane Dual Effective Antibacterial Activity**  
GÜLTEKİNOĞLU M., TUNÇ SARISÖZEN Y., ERDOĞDU C., SAĞIROĞLU M., JIN OH Y., HINTERDORFER P., AKSOY E. A., ULUBAYRAM K.  
46th IUPAC World Polymer Congress MACRO2016, Turkey, 17 - 21 July 2016
- XVI. **Synergistic effects of chemical biological and electromechanical stimulations on cardiomyogenic 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
- XVII. **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
- XVIII. **UV Crosslinkable PLGA b PEG Nanoparticle Integrated Gel Networks for Topical Drug Delivery**  
GÜLTEKİNOĞLU M., EROĞLU İ., BAYRAM C., AKSOY E. A., ULUBAYRAM K.  
2nd Edition of Nanotech France 2016 International Conference & Exhibition NANOTECH FRANCE 2016, France, 1 - 03 June 2016
- XIX. **Elucidation of interactions between single bacterium and polycationic brushes by force microscopy**

Oh Y. J., GÜLTEKİNOĞLU M., Hinterdorfer P., DUMAN M., Çatçat Kayım D., ULUBAYRAM K.

6th multifrequency AFM Conference, Madrid, Spain, 30 March - 01 April 2016

- XX. **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
- XXI. **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
- XXII. **Nanoscale Adhesion Kinetics of Single Bacteria Polymeric Brushes via Single Cell Force Microscopy**  
GÜLTEKİNOĞLU M., OH Y. J., DUMAN M., HINTERDORFER P., ULUBAYRAM K.  
21st International Biomedical Science and Technology Symposium, 22 - 24 October 2015
- XXIII. **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
- XXIV. **Silk Based Antibacterial Nanofibers**  
Calamak S., Aksoy E. A., Ulubayram K.  
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- XXV. **Behavioural changes in donepezil loaded PLGA b PEG nanoparticles on beta amyloid 25 35 injected rat model of Alzheimer s disease**  
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## **Non Academic Experience**

Massachusetts Institute of Technology

Orta Doğu Teknik Üniversitesi