

## Prof. EDA AYŞE AKSOY

### Personal Information

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### International Researcher IDs

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ScopusID: 16302853300

Yoksis Researcher ID: 54962

### Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Polymer Science And Technology, Turkey 2002 - 2008

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Kimya , Turkey 1999 - 2001

Undergraduate, Hacettepe University, Fen Fakültesi, Kimya , Turkey 1994 - 1998

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Synthesis and surface modification studies of biomedical polyurethanes to improve long term biocompatibility, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Polymer Science And Technology, 2008

Postgraduate, Determination of Lithium in Human Blood Serum By Discrete Nebulization Flame Atomic Emission Spectrometry , Middle East Technical University, Faculty Of Arts And Sciences, Department Of Chemistry, 2001

### Research Areas

Basic Pharmaceutics Sciences, Health Sciences, Pharmacology and Therapeutics, Basic Sciences of Pharmacy, Chemistry, Physical Chemistry, Polymers and Their Applications, Characterization of Polymers, Polymeric Materials, Medical Applications of Polymers, Surface Chemistry, Natural Sciences

### Academic Titles / Tasks

Professor, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2021 - Continues

Associate Professor, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2015 - Continues

Expert, Middle East Technical University, Presidency Office, 2001 - 2013

## Academic and Administrative Experience

Fakülte Yönetim Kurulu Üyesi, Hacettepe University, Eczacılık Fakültesi, Temel Eczacılık Bilimleri Bölümü, 2019 - Continues

## Advising Theses

AKSOY E. A., Synthesis characterization and modification of  $\beta$ -tricalcium phosphate based bone supporting systems, Postgraduate, G.ÇİÇEK(Student), 2012

AKSOY E. A., Preparation and characterization of biodegradable composite systems as hard tissue supports: Bone fillers, bone regeneration membranes and scaffolds, Postgraduate, Ü.AYDEMİR(Student), 2012

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

- I. **The Relationship Between Microplastics and Nanoplastics with Cancer: An Emerging Health Concern**  
Yazarkan Y., Sonmez G., Tenekeci A. K., AKSOY E. A., GÜLLÜ İ. H.  
UHOD-ULUSLARARASI HEMATOLOJİ-ONKOLOJİ DERGİSİ, no.2, pp.102-112, 2024 (SCI-Expanded)
- II. **Coating of silver nanoparticles on polyurethane film surface by green chemistry approach and investigation of antibacterial activity against *S. epidermidis***  
Kara F., AKSOY E. A., Aksoy S., HASIRCI N.  
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.37, no.3, pp.205-219, 2022 (SCI-Expanded)
- III. **Silver nanowire loaded poly(epsilon-caprolactone) nanocomposite fibers as electroactive scaffolds for skeletal muscle regeneration**  
Basturkmen B., Ergene E., DOĞANAY D., HURİ P., ÜNALAN H. E., AKSOY E. A.  
BIOMATERIALS ADVANCES, vol.134, 2022 (SCI-Expanded)
- IV. **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., Gültekinoğlu Bayram M., Aksoy E. A., Demircin M., Ulubayram K.  
BIOMEDICAL MATERIALS, vol.16, no.5, 2021 (SCI-Expanded)
- V. **Highly fluorinated graphene oxide nanosheets for anticancer linoleic-curcumin conjugate delivery and T2-Weighted magnetic resonance imaging: In vitro and in vivo studies**  
Razaghi M., Ramazani A., Khoobi M., Mortezaazadeh T., AKSOY E. A., Küçükılınç T. T.  
Journal of Drug Delivery Science and Technology, vol.60, 2020 (SCI-Expanded)
- VI. **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)
- VII. **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)
- VIII. **Development of metformin chain extended polyurethane elastomers as bone regenerative films**  
Yagci B. S., Odabas S., AKSOY E. A.  
EUROPEAN JOURNAL OF PHARMACEUTICAL SCIENCES, vol.131, pp.84-92, 2019 (SCI-Expanded)
- IX. **A novel polyurethane-based biodegradable elastomer as a promising material for skeletal muscle tissue engineering**  
Ergene E., Yagci B. S., Gokyer S., Eyidogan A., AKSOY E. A., Huri P. Y.  
BIOMEDICAL MATERIALS, vol.14, no.2, 2019 (SCI-Expanded)
- X. **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)

- XI. **Immobilization of heparin on chitosan-grafted polyurethane films to enhance anti-adhesive and antibacterial properties**  
Kara F., AKSOY E. A., ÇALAMAK S., HASIRCI N., Aksoy S.  
JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.31, no.1, pp.72-90, 2016 (SCI-Expanded)
- XII. **Enhancement of antibacterial properties of polyurethanes by chitosan and heparin immobilization**  
Kara F., AKSOY E. A., Yuksekdog Z., Aksoy S., HASIRCI N.  
APPLIED SURFACE SCIENCE, vol.357, pp.1692-1702, 2015 (SCI-Expanded)
- XIII. **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)
- XIV. **Ag/silk fibroin nanofibers: Effect of fibroin morphology on Ag+ release and antibacterial activity**  
ÇALAMAK S., AKSOY E. A., Ertas N., ERDOĞDU C., SAĞIROĞLU M., ULUBAYRAM K.  
EUROPEAN POLYMER JOURNAL, vol.67, pp.99-112, 2015 (SCI-Expanded)
- XV. **Silver nanoparticle containing silk fibroin bionanotextiles**  
ÇALAMAK S., AKSOY E. A., ERDOĞDU C., SAĞIROĞLU M., ULUBAYRAM K.  
JOURNAL OF NANOPARTICLE RESEARCH, vol.17, no.2, 2015 (SCI-Expanded)
- XVI. **Synthesis and surface modification of polyurethanes with chitosan for antibacterial properties**  
Kara F., AKSOY E. A., Yuksekdog Z., HASIRCI N., Aksoy S.  
CARBOHYDRATE POLYMERS, vol.112, pp.39-47, 2014 (SCI-Expanded)
- XVII. **In Vivo Performance of Poly(epsilon-caprolactone) Constructs Loaded with Gentamicin Releasing Composite Microspheres for Use in Bone Regeneration**  
Sezer U. A., Billur D., HURİ G., Huri P. Y., AKSOY E. A., Terzioglu H., Konukseven E., Hasirci V., HASIRCI N.  
JOURNAL OF BIOMATERIALS AND TISSUE ENGINEERING, vol.4, no.10, pp.786-795, 2014 (SCI-Expanded)
- XVIII. **Poly(epsilon-caprolactone) Composite Scaffolds Loaded with Gentamicin-Containing beta-Tricalcium Phosphate/Gelatin Microspheres for Bone Tissue Engineering Applications**  
Sezer U. A., Arslantunali D., Aksoy E. A., Hasirci V., HASIRCI N.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.131, no.8, 2014 (SCI-Expanded)
- XIX. **Surface characterization and radical decay studies of oxygen plasma-treated PMMA films**  
Ozgen O., Aksoy E. A., Hasirci V., HASIRCI N.  
SURFACE AND INTERFACE ANALYSIS, vol.45, no.4, pp.844-853, 2013 (SCI-Expanded)
- XX. **Poly(epsilon-caprolactone) composites containing gentamicin-loaded beta-tricalcium phosphate/gelatin microspheres as bone tissue supports**  
Sezer U. A., Aksoy E. A., Hasirci V., HASIRCI N.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.127, no.3, pp.2132-2139, 2013 (SCI-Expanded)
- XXI. **Surface Modification of Polymeric Biomaterials**  
Guney A., Kara F., Ozgen O., Aksoy E. A., Hasirci V., HASIRCI N.  
BIOMATERIALS SURFACE SCIENCE, pp.89-158, 2013 (SCI-Expanded)
- XXII. **Detailed Characterization of Structure-Property Relationship of Polyurethanes Synthesized as Biomaterials**  
Aksoy E. A., HASIRCI N.  
JOURNAL OF BIOMATERIALS AND TISSUE ENGINEERING, vol.2, no.4, pp.345-354, 2012 (SCI-Expanded)
- XXIII. **Gentamicin loaded beta-tricalcium phosphate/gelatin composite microspheres as biodegradable bone fillers**  
Sezer U. A., Aksoy E. A., DURUCAN C., HASIRCI N.  
POLYMER COMPOSITES, vol.33, no.9, pp.1644-1651, 2012 (SCI-Expanded)
- XXIV. **Adsorption of reactive yellow 145 onto chitosan coated magnetite nanoparticles**  
Kalkan N. A., Aksoy S., Aksoy E. A., HASIRCI N.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.124, no.1, pp.576-584, 2012 (SCI-Expanded)
- XXV. **Preparation of Chitosan-Coated Magnetite Nanoparticles and Application for Immobilization of**

## **Laccase**

Kalkan N. A., Aksoy S., Aksoy E. A., HASIRCI N.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.123, no.2, pp.707-716, 2012 (SCI-Expanded)

XXVI. **EFFECTS OF PLASMA GLOW DISCHARGE ON CHEMISTRY OF PMMA**

OZGEN Ö., AKSOY E. A., HASIRCI V. N., HASIRCI N.

International Journal Of Artificial Organs, vol.34, pp.664, 2011 (SCI-Expanded)

XXVII. **Alpha-tricalcium phosphate (alpha-TCP): solid state synthesis from different calcium precursors and the hydraulic reactivity**

Cicek G., Aksoy E. A., DURUCAN C., HASIRCI N.

JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE, vol.22, no.4, pp.809-817, 2011 (SCI-Expanded)

XXVIII. **Preparation and Characterization of Antibacterial Zeolite-Polyurethane Composites**

Kamisoglu K., Aksoy E. A., Akata B., HASIRCI N., Bac N.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.110, no.5, pp.2854-2861, 2008 (SCI-Expanded)

XXIX. **Plasma Protein Adsorption and Platelet Adhesion on Heparin-Immobilized Polyurethane Films**

Aksoy E. A., Hasirci V., HASIRCI N., MOTTA A., FEDEL M., MİGLIARESİ C.

JOURNAL OF BIOACTIVE AND COMPATIBLE POLYMERS, vol.23, no.6, pp.505-519, 2008 (SCI-Expanded)

XXX. **Biocompatible polyurethane films incorporation with antibacterial silver loaded zeolites**

AKSOY E. A., KAMIŞOĞLU K., AKATA KURÇ B., BAÇ N., HASIRCI N.

TISSUE ENGINEERING PART A, vol.14, pp.813, 2008 (SCI-Expanded)

XXXI. **Synthesis and modifications of polyurethanes for biomedical purposes**

HASIRCI N., Aksoy E. A.

HIGH PERFORMANCE POLYMERS, vol.19, pp.621-637, 2007 (SCI-Expanded)

XXXII. **Synthesis of antibacterial zeolite-polyurethane composites**

Kamisoglu K., Aksoy E. A., AKATA KURÇ B., Bac N., HASIRCI N.

ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.234, 2007 (SCI-Expanded)

XXXIII. **Preparation and characterization of zeolite beta-polyurethane composite membranes**

Aksoy E. A., AKATA KURÇ B., Bac N., HASIRCI N.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.104, no.5, pp.3378-3387, 2007 (SCI-Expanded)

## **Articles Published in Other Journals**

I. **Adsorption of plasma proteins on multi layer surface modified polyurethane films**

AKSOY E. A., KARA F., TÜYLÜ KÜÇÜKKILINÇ Z. T., AKSOY S., HASIRCI N.

Frontiers in Bioengineering and Biotechnology, vol.4, 2016 (Scopus)

II. **DOKU MÜHENDİSLİĞİ İÇİN BİYOPOLİMERLERİN YÜZEY MODİFİKASYONU**

AKSOY E. A.

Türkiye Klinikleri Tıbbi Onkoloji Özel Dergisi, vol.8, pp.35-39, 2015 (Peer-Reviewed Journal)

## **Books & Book Chapters**

I. **Polyurethanes, Stem Cell Interactions and Tissue Engineering Applications**

YAGCI B. S., AKSOY E. A.

in: Biomaterials and Stem Cell: From Basics to Applications, Bora Garipcan, Editor, Palme Yayınevi, pp.217-233, 2018

II. **Biomaterials Surface Properties: Implications in Immune Response**

ENDOĞAN TANIR T., ESENDAĞLI G., AKSOY E. A.

in: Biomaterials and Immune Response: Complications, Mechanisms and Immunomodulation, Vrana, Nihal Engin, Editor, CRC Press Taylor Francis Group, pp.121-140, 2018

III. **Biyomalzemeler İçin Yüzey Modifikasyonu Stratejileri**

Gültekinöglü Bayram M., Aksoy E. A.

in: İleri Malzemeler; Biyomalzeme ve Nanomalzeme Uygulamaları, Filiz Kuralay, Editor, Palme Yayın Dağıtım, Ankara, pp.133-146, 2018

**IV. Bölüm 25 Sentetik ve Doğal Organik Polimerler**

AKSOY E. A.

in: Öğrenciler İçin Problem Çözümleri Genel Kimya On Birinci Baskıdan Çeviri Student Solutions Manual to Accompany Chemistry Eleventh Edition, Recai İnam, Serpil Aksoy , Editor, Palme Yayıncılık, Ankara, pp.637-648, 2015

**V. Surface Modification of Polymeric Biomaterials**

Güney A., Kara F., AKSOY E. A., HASIRCI V. N., HASIRCI N.

in: Biomaterials Surface Science, Andreas Taubert, Joao F. Mano, ve Jos'e C. Rodriguez-Cabello., Editor, Wiley-VCH Verlag GmbH & Co. KGaA, pp.89-158, 2013

**Refereed Congress / Symposium Publications in Proceedings**

- I. Preparation and characterisation of chitosan/silver nanowires scaffolds for tissue engineering applications**  
Aydın D., AKSOY E. A., DOĞANAY D., ÜNALAN H. E., ŞENEL S.  
19th International Pharmaceutical Technology Symposium-IPTS-2018, 17 - 19 September 2018
- II. 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
- III. Biyomedikal Uygulamalara Yönelik Poliüretanların Yüzey Modifikasyonu**  
AKSOY E. A., Kara F., AKSOY Ş. S., HASIRCI N.  
4. Biyomalzeme Günleri, Turkey, 19 - 20 October 2017
- IV. Development of vancomycin/gelatin microspheres containing poly (ε-caprolactone) fibers as antibacterial patch for osteomyelitis treatment**  
AKSOY E. A., YAĞCI B. S., MANAP G., ÖZTÜRK Ş., EROĞLU İ., EKİZOĞLU M., ULUBAYRAM K.  
28th European Conference on Biomaterials, 4 - 08 September 2017
- V. Strontium and Zinc Decorated Polysaccharide Composite Gel Fibers**  
YAĞCI B. S., MANAP G., ÇALAMAK S., AKSOY E. A., ULUBAYRAM K.  
22 International Biomedical Science and Technology Symposium, 12 - 14 May 2017
- VI. 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
- VII. Polyelectrolyte Microstructured Scaffolds Modified with Hyaluronic Acid**  
MANAP G., YAĞCI B. S., ÇALAMAK S., AKSOY E. A., ULUBAYRAM K.  
22nd International Biomedical Science and Technology Symposium, 12 - 14 May 2017
- VIII. 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
- IX. Polycationic Polymeric Brush Decoration on Polyurethane for Dual Effective Antibacterial Activity**  
GÜLTEKİNOĞLU M., Sarisözen 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
- 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. 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

**XII. Improving Antibacterial Efficacy of Chitosan Grafted Polyurethanes with Silver Nanoparticles**

AKSOY E. A., KARA F., HASIRCI N., AKSOY S.

46th IUPAC World Polymer Congress MACRO2016, Turkey, 17 - 21 July 2016

**XIII. Polycationic Polymeric Brush Decoration on Polyurethane for Dual Effective Antibacterial Activity**

GÜLTEKİNOĞLU M., sarisözen 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

**XIV. Zinc Strontium Chelated Chitosan Brushite Composite Gel Fibers for Bone Tissue Engineering**

AKSOY E. A., S BETÜL Y., MANAP G., ÖZTÜRK Ş., ULUBAYRAM K.

46th IUPAC WORLD POLYMER CONGRESS, 17 - 21 July 2016

**XV. 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

**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.

European Chapter Meeting of the Tissue Engineering and Regenerative Medicine International Society, 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. 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 International Conference and Exhibition, 1 - 03 June 2016

**XX. 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

**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. Heparin Chitosan Alginate Complex Scaffolds as Antibacterial Wound Dressings**

AKSOY E. A., AYDEMİR SEZER Ü., KARA F., HASIRCI N.

21st International Biomedical Science and Technology Symposium, Turkey, 22 - 24 October 2015, pp.195

**XXIII. Antibacterial Chitosan and Heparin Modified Polyurethane Surfaces**

KARA F., AKSOY E. A., HASIRCI N., AKSOY S.

21st International Biomedical Science and Technology Symposium, Turkey, 22 - 24 October 2015, pp.197

**XXIV. Silk Based Antibacterial Nanofibers**

Calamak S., Aksoy E. A., Ulubayram K.

4th World Congress of the Tissue-Engineering-and-Regenerative-Medicine-International-Society (TERMIS), Massachusetts, United States Of America, 8 - 11 September 2015, vol.21

**XXV. Heparin Containing Polyelectrolyte Scaffolds as Wound Dressings**

Aksoy E. A., Sezer U. A., Kara F., Hasirci N.

## Supported Projects

- AKSOY E. A., Project Supported by Higher Education Institutions, Biyomedikal Uygulamalar için Biyobozunur Elastomerik Poliüretanların Sentezi ve Optimizasyonu, 2017 - 2018
- EROĞLU İ., ULUBAYRAM K., AKSOY E. A., GÜLTEKİNOĞLU BAYRAM M., ÇALAMAK S., Project Supported by Higher Education Institutions, Kombine Etkili Nanolipozomların Geliştirilmesi, 2017 - 2018
- AKSOY E. A., EROĞLU İ., EKİZOĞLU M., Yağcı B. S., Öztürk Ş., Manap G., ULUBAYRAM K., Project Supported by Higher Education Institutions, Osteomyelit Tedavisi için Antibakteriyel Yama Olarak Vankomisin Jelatin Mikroküreleri İçeren Poli(e-kaprolakton) Liflerin Geliştirilmesi, 2017 - 2017
- AKSOY E. A., Project Supported by Higher Education Institutions, Yara Örtüsü Olarak Heparin/Kitosan/Aljinat Kompleks İskeleler: Karakterizasyon ve Staphylococcus Epidermidise Karşı Antibakteriyel Çalışma, 2017 - 2017
- EROĞLU İ., GÜLTEKİNOĞLU M., AKSOY E. A., ULUBAYRAM K., Project Supported by Higher Education Institutions, Topikal Nanojel Formülasyonlarının Geliştirilmesi, 2016 - 2017
- AKSOY E. A., HASIRICI N., AKSOY S., KARA F., Project Supported by Higher Education Institutions, Kitosan Aşılansız Poliüretanların Antibakteriyel Etkinliğinin Gümüş Nanopartiküller ile Geliştirilmesi, 2016 - 2016
- GÜRSOY R. N., GÜMÜŞEL B., TÜYLÜ KÜÇÜKKILINÇ Z. T., SABUNCUOĞLU S., ŞÖHRETOĞLU D., KILIÇ E., ÜNSAL TAN O., YABANOĞLU ÇİFTÇİ S., BAŞCI N. E., AKSOY E. A., et al., Project Supported by Higher Education Institutions, TS EN ISO/IEC 17025 Standardı kapsamında Hacettepe Üniversitesi Eczacılık Fakültesi İlaç ve Kozmetik Ar-Ge ve Kalite Kontrol Laboratuvarının (HÜNİKAL) Akreditasyonu Projesi, 2015 - 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
- AKSOY E. A., Project Supported by Higher Education Institutions, 2015 TERMİS DÜNYA KONGRESİ, 2015 - 2015
- AKSOY E. A., TAŞKOR G., CANSU C., GÜLTEKİNOĞLU M., Project Supported by Higher Education Institutions, YENİ NESİL BİYOBOZUNUR POLİMERLERİN SENTEZİ VE KARAKTERİZASYONU, 2014 - 2015

## Metrics

- Publication: 66  
Citation (WoS): 712  
Citation (Scopus): 804  
H-Index (WoS): 15  
H-Index (Scopus): 16