



8TH
INTERNATIONAL
ADVANCED TECHNOLOGIES
SYMPOSIUM

BIOENGINEERING

19.10.2017 THURSDAY/PERŞEMBE

BIOENGINEERING

	ID No	HALL-O ARTICLE TITLE
CHAIR	Prof. Dr. Mehmet ÇİFTÇİ	
13.30-13.45	24	Synthesis of Cross-Linked Cyclodextrins as Drug Carriers Halil İbrahim Çetintaş*, Sema Salgın, Uğur Salgın
13.45-14.00	1054	Synthesis and Characterization of Barley Straw-Contained Polyols Tülay GÜRSOY*
14.00 -14.15	38	Cytotoxicity of Hydroxyapatite Based Coatings on Nitinol Materials Yakup SAY*
14.15-14.30	51	Large-Scale Colloidal Self-Assembly of Monolayer Nanostructures Based Polyurethane Numan GOZUBENLİ*
14.30-14.45	186	Design Methodology for Post-Core System Using Optimization Techniques Ali ŞAHİN*
14.45-15.00	152	Detection of Pre-Epileptic Seizure by Using Artificial Neural Network Talha Alakus*, İbrahim Türkoğlu
15.00-15.20	COFEE BREAK	
CHAIR	Prof. Dr. Serdar SALMAN	
15.20-15.35	255	Preparation and characterization of poly(e-caprolactone)-poly(ethylene glycol) – poly(e-caprolactone) triblock copolymers Özlem Gökçe Kocabay*, Osman İsmail
15.35-15.50	101	Effect of Type and Amount of Cross-linking Agents to Magnetic PSA Immunosensor Synthesis Nagihan Soyer Tuzlali*, Sema Salgın, Uğur Salgın
15.50-16.05	39	Effects of Hydroxyapatite-Based Bioceramic Coatings on the Cell Viability of Stainless Steel Alloys Yakup SAY*
16.05-16.20	52	Scalable Fabrication of Electrodes of Organic Generators based on Ordered Colloidal Structures by LbL Transfer Technique Numan GOZUBENLİ*
16.20-16.35	457	Composite Materials, Electrospinning By The Method Of Synthesis And Characterization Erdi Buluş*, Yeşim Müge ŞAHİN, Gül TOSUN
16.35-16.50	485	Synthesis, Characterization Of Cross-Linked Enzyme Aggregates And Comparison of Its Performances Mustafa Çakal*, Sema Salgın, Uğur Salgın



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20.10.2017 FRIDAY/CUMA

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CHAIR	Assoc. Prof. Dr. Gül TOSUN	
08.30-08.45	260	Poly(ϵ -caprolactone)-poly(ethylene glycol)-poly(ϵ -caprolactone) (PCL-PEG-PCL) micelles for anti-cancer drug delivery in vitro Özlem Gökçe Kocabay*, Osman İsmail, Zeynep Akdeste
08.45-09.00	338	Purification of α -Amylase from a Thermophilic bacterium Geobacillus sp. TF14 Şaban KESKİN*, Nagihan Sağlam Ertunga
09.00-09.15	512	Nanomaterials in Bioengineering and Life Sciences Mehmet Ateş*, Nor Hazwani Ahmad
09.15-09.30	606	Antimicrobial properties of biomaterials coated with AgNP synthesized by Muğla region Liquidambar orientalis Mill. leaves extract Fikret Keven Karademir*, Gülşah Arslan, Fatma Ayhan
09.30-09.45	652	Application of Response Surface Methodology to optimize fabrication of a glucose oxidase based biosensor. Haluk Uluca, Gul Ozyilmaz*, Ali Tuncay Ozyilmaz
09.45-10.00	695	Purification And Characterization of Glutathione Reductase From Japanese Quail (Coturnix, coturnix japonica) Liver Yusuf Temel*, Sarkat Salim Muhammed Taher, Mehmet Çiftci
10.00-10.20	COFEE BREAK	
CHAIR	Asst. Prof. Dr. Venhar ÇELİK ÖZGEN	
10.20-10.35	340	Immobilization of α -amylase Formerly Purified from a Thermophilic Bacterium Geobacillus sp. TF14 Şaban KESKİN*, Nagihan Sağlam Ertunga*
10.35-10.50	514	Histopathological Changes in Gill, Liver and Kidney Tissues of Tilapia (Oreochromis niloticus), Exposed to Alpha Iron Oxide Nanoparticles Mehmet Ateş*, Önder Aksu
10.50-11.05	678	Water Absorption and Biodegradation Properties of Barley Straw-Contained Polyurethane Foams Tülay GÜRİSOY*
11.05-11.20	653	As a conducting redox polymer in biosensors: Polyrhodanine Haluk Uluca*, Gul Ozyilmaz, Ali Tuncay Ozyilmaz
11.20-11.35	696	Purification and Characterization of 6-Phosphogluconate Dehydrogenase Enzyme From Japanese Quail Erythrocytes Yusuf Temel*, Hardi Rafat Baqi, Mehmet Çiftci
11.35-11.50	877	Bioceramic Production and Characterization of Black Rice Legumes with High Antioxidant Content by Chemical Precipitation Method Erdi Buluş*, Yeşim Müge Şahin, Gül Tosun, Aysun Kuralay, Burcu Bozdoğan, Ervanur Dursun
11.50-13.30	LUNCH BREAK	
CHAIR	Asst. Prof. Dr. Yeşim Müge ŞAHİN	
13.30-13.45	842	Cloning, Purification and Characterization of Fructose-1,6-bisphosphatase of Helicobacter Pylori



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		Adnan Ayna*, Peter Moody
13.45-14.00	878	Classification of Hepatitis B and Normal Liver Tissue Images with Support Vector Machine Suat Toraman*, Ömer Osman Dursun, İbrahim Türkoğlu
14.00-14.15	894	Optimization of Operating Parameters on Volumetric Oxygen Transfer Coefficient (kLa) in Novel Rotating Drum Bioreactor Veyis Selen*
14.15-14.30	714	Magnetic Activation of Drug Carriers in Biomedical Engineering by Using Digital Signal Controller Hatice Bilgili*, Ömer Özgüven, Teymuraz Abbasov
14.30-14.45	1107	Programmable Microbiorobot Design Using Natural Systems in Microorganisms Venhar Çelik Özgen*; Nagehan Kan
14.45-15.00	737	Isolation and identification of cellulolytic bacteria from the cattle's scat Murat inal*, Hilal topuz, Hadiye Keskin, Zehra Gün Gök, Beste Çağdaş Tunalı, Mustafa Yiğitoğlu
15.00-15.20	COFEE BREAK	
CHAIR	Assist. Prof. Dr. Faruk KARACA	
15.20-15.35	841	Investigating the effect of benzamides on the activity of rat erythrocyte GST Adnan Ayna*, Luqman Khosnaw, Yusuf Temel, Sinan Bayindir, Mehmet Ciftci
15.35-15.50	1009	Production of Naturally Occurring Propolis-Added Antibacterial and Biodegradable Food Packaging Materials Erdi BULUŞ*, Yeşim Müge ŞAHİN, Gül TOSUN, Pınar Tatlı SEVEN, İsmail SEVEN
15.50-16.05	837	3D Personal Modeling and Finite Element Analysis of Femur Bone Engin Ünal*, Faruk Karaca
16.05-16.20	895	Effect of Fermentation Medium Composition on L-DOPA and Dopamine Production with Recombinant Cultures Citrobacter freundii pMK57 and pMK79 Veyis Selen*
16.20-16.35	985	Novel Anthraquinone Dyes and Their Biomaterial Applications Funda Ozkok*, Yeşim MÜGE Şahin, Erdi BULUŞ
16.35-16.50	1108	Production of Plant Secondary Metabolites by Metabolic Engineering Approach Venhar Çelik Özgen*; Yasemin Kuş
16.50-17.05	1104	Synthesis of Bioceramics From Marine and Production of Black Brass Reinforced Nanofibers by Electrospinning Method Erdi Buluş*; Yeşim Müge Şahin; Gül Tosun