

BEC2010 POSTER SESSION

BIOLOGICAL AND GENETIC ENGINEERING (BGE)

P-BGE 001	Restriction enzyme analysis of two introns of lactate dehydrogenase gene from different <i>Theileria annulata</i> isolates may help to distinguish strains.	<u>A. Erdemir</u> , M. Aktas, N. Dumanli, D.Turgut-Balik
P-BGE 002	Cloning and subcloning of lactate dehydrogenase from malaria parasite <i>Plasmodium falciparum</i> to obtain pure protein.	<u>A.H.Balciođlu</u> , D.Turgut-Balik
P-BGE 003	Genetic Engineering of Microalgae: Opportunities and Limitations	<u>A. Yildirim</u>
P-BGE 004	Biochemical and genotypic characteristics of <i>Bacillus thuringiensis</i> and <i>Bacillus cereus</i> strains isolated from cheese in Turkey	<u>C. Molva</u> and M. Sudagidan
P-BGE 005	Identifying the Distinctions of Subpopulations of <i>Chionodoxa Boiss.</i> (Liliaceae) Taxons and Their Relationship with <i>Scilla bifolia</i> species Using RAPD and ISSR Molecular Markers	C. Akkale, H.Yıldırım, Y. Gemici, <u>B. Tanyolaç</u>
P-BGE 006	Assessing Genetic Diversity of Some Potato (<i>Solanum tuberosum</i>) Genotypes Grown in Turkey Using The AFLP Marker Technique	C. Akkale, Z. Yıldırım, M.B.Yıldırım, C. Kaya, G. Öztürk, <u>B.Tanyolaç</u>
P-BGE 007	QTL Analysis of Fiber Quality in Cotton	<u>E. Barutçu</u>
P-BGE 008	Genomic Characterization of Fig Mosaic Virus (FMV)	<u>E. Barutçu</u> , K. Çađlayan
P-BGE 009	Quantitative determination of mitochondrial and nuclear DNA concentration in various organs by real-time PCR	<u>E. Şakalar</u> , M.F. Abasıyanık, M.Korkutata
P-BGE 010	Linkage mapping of peroxidase genes in Cotton	<u>F.Altan</u> , B. Tanyolac
P-BGE 011	Identification of proteins involved in excess boron stres response in carrot root by two-dimensional electrophoresis	<u>H. Demiray</u> , A.E. Dereboylu, F.Altan, A. Zeytünlüođlu

P-BGE 012	Genetic Relationships Among Arthrospira (Spirulina) Strains Based on AFLP Markers	H. B. Kaya, B. Tanyolac, G. Torzillo, C. Sili, <u>M. Conk Dalay</u>
P-BGE 013	Analysis of Genetic Diversity in <i>Echinochloa</i> spp. Using AFLP Markers	H. B. Kaya, M. Demirci, <u>B. Tanyolac</u>
P-BGE 014	Identification of Genetic Diversity Among Crocus L. Genotypes Using AFLP Markers	H. B. Kaya, O. Erol, L. Şık, <u>B. Tanyolac</u>
P-BGE 015	NBS Profiling in Octoploid Strawberry <i>Fragaria x ananassa</i>	<u>H. Yılmaz Temel</u> , T. van Dijk, Y. Noordijk, B. Tanyolac, E.van de Weg
P-BGE 016	The Identification and Characterization of The Genes Associated With Petroleum Biodegradation in <i>Vibrio fluvialis</i> Through Proteome Profiling	<u>H. Kurtoglu</u> , O. F. Gerdan, G. Altug, A.R. Memon, B.Yuksel
P-BGE 017	Proteome analysis of the role of cross-pathway control system in drug resistance in <i>Aspergillus fumigatus</i>	<u>N. Amarsaikhan</u> , O. Kniemeyer, Z.B.Ogel
P-BGE 018	Modification Of Cow's Milk To Mimic Human Breast Milk Through The Use Of Transgenic Technologies	<u>N. Kavas</u> and G. Kavas
P-BGE 020	Genotypic Characterization of <i>Lactobacillus delbrueckii</i> ssp. <i>bulgaricus</i> Isolated from Toros Yoghurts	O. Erkus, <u>B. Okuklu</u> , A. F. Yenidunya, S.Harsa
P-BGE 021	Detection of DNA Polymorphism in Populations of <i>Agropyron desertorum</i> and <i>A. cristatum</i> in Iran Using Random Amplified Polymorphic DNA Technique	<u>R. Taghizadeh</u> , A.A. Jafari, A.A.R. Imani, A. Asghari
P-BGE 022	Screening of the Tomato (<i>Lycopersicum esculentum</i> Mill.) Lines for the Resistance to Root-Knot Nematodes and <i>Verticillium</i> wilt by DNA Markers	<u>S. Soya</u> , B. Tanyolac
P-BGE 023	Partial sequence of β-galactosidase (bgaA) gene from <i>Thermus oshimai</i> DSMZ 12092 and comparison the gene with other <i>Thermus</i> strains	<u>Y. Gezgin</u> , B. Tanyolac, R. Eltem

BIOECONOMY FOR THE FUTURE (BEF)

P-BEF 001	Characterization of some fruit and vegetable by-products as food ingredients with antioxidant properties	<u>A. Asma</u> , G. Manuela, Z. Giuseppe, R. Abderrahmane, O. Khalid
P-BEF 002	Cellulase and polyphenol oxidase production by southern pine beetle symbiont <i>Entomocorticium sp.A</i>	<u>A. Valiev</u> , Z. B. Ogel and K. D. Klepzig
P-BEF 003	Xylitol Production From Agricultural Wastes by <i>Debaryomyces hansenii</i> Cells Entrapped in Ca-Alginate Beads	B. Pérez, B. Max, J. M. Salgado, N. Rodríguez, A. Torrado, S. Cortés, <u>J. M. Domínguez</u>
P-BEF 004	<i>Tamarix</i> spp. biomass, a promising feedstock for 2nd generation bioethanol production	C. Calisti., S. Crognale, A. D'Annibale., F. Federici, M. Moresi, M. <u>Petruccioli</u> , M. Ruzzi, G. Santi, R. Valentini
P-BEF 005	In vitro mycoparasitic activity of <i>Trichoderma</i> isolates against some phytopathogenic fungi	<u>D. Maral</u> , Y. Gezgin, R. Eltem
P-BEF 006	The establishment of Ege University Actinomycetes Culture Collection	<u>E. E. Hameş-Kocabaş</u> , A. Uzel, E. Bedir
P-BEF 007	The usage of enzymatic pretreatments to develop new valuable products from lignocellulosic waste materials	<u>E. Uçkun</u> , U. Bakır
P-BEF 008	Quantitative variations of total polyphenols and condensed tannins during the composting of solid wastes produced by traditional tanneries	<u>F. Benlboukht</u> , S.Amir, M.Hafidi
P-BEF 009	Energy Balance and Biodegradability Assessments for Food Waste Composting Under Various C/N Ratios and Air Flow Rates	<u>F. Gökbel</u> , D. Cekmecelioglu
P-BEF 010	Variation of Oleuropein Amount in Olive Leaves (<i>Olea Europaea L.</i>) Depending on Harvesting Time	<u>G. Kuru</u> , Ş. Akay, E. Bedir
P-BEF 011	Effect of gamma irradiation on the phenolics in peppermint herbal tea (<i>Mentha piperita</i>)	<u>H. Machhour</u> , M. Mahrouz, I. El Hadrami , M. A. Misdaq, Z. Boujamlou, M. Mouhib
P-BEF 012	Antioxidant and related polyphenolic constituents of some medicinal halophytes	<u>H. Soummame</u> , K. Naamani, M. Larhsini, I. El Hadrami, J. C. Toledano.

P-BEF 013	Hydrogen Production from Waste Ground Wheat by Sequential and Combined Dark and Light Fermentations: Effect of Light Intensity	H. Argun , F. Kargı
P-BEF 014	Correlation between Polyphenols and Drought Tolerance in Cotton (<i>Gossypium hirsutum</i> L.)	L. Yıldız Aktaş, S. Dagnon, A. Gürel , E. Gesheva, A. Edreva
P-BEF 015	Biodiesel from Microalgae. Could it be a Solution to Global Warming?	M. Conk Dalay
P-BEF 016	Spectrophotometric Determination Of Bleaching Of Textile Dyes By Peroxidase Enzyme	M. Çelebi , M. Altikatoglu, Z. Akdeste, H. Yildirim
P-BEF 017	In Vitro Propagation Of Bottlebrush Tree (<i>Callistemon Citrinus</i> L.)	O. Telli , A. Gürel
P-BEF 018	A Fungal Enzyme: Laccase And Its Applications	O.I. Şahin, G. Yıldız
P-BEF 019	Immobilized Plant Cells: A Method To Increase Secondary Metabolite Production	P. Nartop , A. Gürel
P-BEF 020	Comparative study of biosorption of heavy metals using dead green algae <i>Scenedesmus quadricauda</i> : Equilibrium and kinetics	R. Akgül , G. Türker, B. Kızılkaya, F.Doğan
P-BEF 021	Biosorption of heavy metal ions (Pb, Cd) from aqueous solutions by the green mikroalgae <i>Neochloris pseudoalveolaris</i>	R. Akgül , G. Türker, B. Kızılkaya, F. Doğan
P-BEF 022	The Effect of Sonodegradation on the Treatment of Poly-Aromatic Substances (PAHs) from a Petrochemical Industry Wastewater and Toxicity Evaluations	R. Oztekin , D. T. Sponza
P-BEF 023	<i>In Vitro</i> Pollen Germination of Cotton (<i>Gossypium hirsutum</i> L.) Cultivars in Response to Drought Conditions	Ş. Hayta , L. Yıldız Aktaş, A. Gürel
P-BEF 024	Evaluation of Agro-Industrial Co-Products for Xylanase Production by <i>Trichoderma longibrachiatum</i> Under Solid State Fermentation	S. Sargin , G.Öngen, S. Sukan
P-BEF 025	Conversion of Lignocellulosic Biomass to Nanofibrils by Microfluidization and the Effect of the Pretreatment on Enzymatic Hydrolysis	S. Yavas , B. Mert, Z. B. Ogel

P-BEF 026

Factors Affecting Lipid Composition of Some Microalgae

T. Önal, M. Conk Dalay

P-BEF 027

Screening for the production of extracellular hydrolytic enzymes
by some psycrotolerant *Bacillus* isolates

Z. Akbal, F. Kolsal, R. Eltem

BIOMEDICAL ENGINEERING (BME)

P-BME 001	Cartilage Tissue Engineering on 3D Scaffolds Using Human Tooth Germ Cells	<u>A. C. Çalikođlu</u> , G. Gürel, M. E. Yalvaç, F. Şahin, G. Torun Köse, V. Hasirci
P-BME 002	<i>In vitro</i> Haemolytic Activities and <i>in vivo</i> Adjuvant Effects of Cycloartane Type Saponins from <i>Astragalus</i> species	<u>A. Nalbantsoy</u> , S.Erden, T. Nesil, E. Bedir
P-BME 003	Characterization of Three-Dimensional Chitosan-Gelatin/Hydroxyapatite Scaffolds for Bone Tissue Engineering Approaches	<u>C. Isikli</u> , V. Hasirci, N. Hasirci
P-BME 004	Hybridoma Culture and Pilot Scale Monoclonal Antibody Production in Different Cultivation Systems	<u>D. Ayyildiz Tamiş</u> , A. Nalbantsoy, M. Elibol, S. İ. Delilođlu Gürhan
P-BME 005	<i>In-vitro</i> investigation of the cytotoxic and genotoxic effects of the man-made errors during the manufacturing process of Co-Cr and Ni-Cr based dental crowns &bridges	<u>E. Altas</u> , S. I. Deliloglu Gurhan, A. Sendemir Urkmez
P-BME 006	A novel amperometric glucose biosensor based on copolymer of pyrrole-PAMAM dendritic wedges	<u>E. Çevik</u> , M. Şenel, M. F. Abasıyanık
P-BME 007	<i>In vitro</i> Cytotoxicity of Glass-ionomer Cements with and without Chlorhexidine	F. Ertuđrul, <u>S. Gülçe İz</u> , E. Eden, S. İ. Delilođlu Gürhan
P-BME 008	Derivation, Characterization And Expansion of Chondroprogenitors on Different Microcarriers	<u>G. Çetinkaya</u> , A. S.Kahraman, M. Gümüşdereliođlu, M. A. Onur,S. Arat
P-BME 009	Development Of Cryogel Based Plasmid DNA Purification Kits	<u>G. Kibar</u> , S. Odabaş, E. Pişkin
P-BME 010	Improved Cartilage Regeneration Transferring Mesenchymal Stem Cells From Bone Marrow On Osteoarthritis Model In Rat	G. Mete, <u>F. Ozdal Kurt</u> , H. S. Vatansever, B. Kahraman, M. Çapkın, S. I. Deliloglu Gurhan, İ. H.Gunal, O. Aslan Bora
P-BME 011	Production of Artificial Blood Vessel Tissue with Tissue Engineering Techniques	<u>M. Ö. Özen</u> , S. İ. Delilođlu Gürhan

P-BME 012	Preparation and amperometric glucose detection of asymmetric Ferrocene-PAMAM dendrimers incorporated modified enzyme electrodes	M. Şenel, <u>E. Çevik</u> , M. F. Abasıyanık
P-BME 013	Differentiation of rat bone marrow and adipose tissue derived mesenchymal stem cells to neuronal cell lines on electrospun PCL, PCL-collagen nanofibrous surfaces	<u>M. Capkin</u> , F. Ozdal Kurt, S. Cakmak, M. Gumusderelioglu, S. I. Deliloglu Gurhan
P-BME 014	3D Simulation Of The Structural And Functional Properties Of The Human Auditory System	<u>M. Evren</u> , E. O. Koylu, V. Evren
P-BME 016	Plasma Osteoprotegerin Levels are Decreased in Smoker Chronic Periodontitis Patients	Ö. Özçaka, <u>A. Nalbantsoy</u> , T. Köse, N. Buduneli
P-BME 017	Low oxygen tension inhibits endodermal differentiation and enhances mesodermal differentiation of murine embryonic stem cells	<u>P. Pimton</u> , N. Sheth, A. Chopra, R. Bastian, A. Rajan, G. Johannes, A. Katsir, P. I. Lelkes
P-BME 018	Three-dimensional culture of pancreatic INS-1 beta cells in porous PLGA scaffold	<u>P. Yesil</u> , F. Saygılı, A. Sendemir Ürkmez, S. I. Deliloğlu Gürhan
P-BME 019	Interaction of EGF Immobilized PCL/Collagen Nanofibrous Matrices with Human Dermal Keratinocytes	<u>S. Dalkıranoğlu</u> , R. S. Tıǒlı, S. Çakmak and M. Gümüşderelioglu
P-BME 020	Determination and Comparison of Cytotoxic Effects of <i>Spirulina platensis</i> and <i>Pseudanabaena sp.</i> on Animal Cell Cultures	<u>S. S. Güneş</u> , S.Tamburacı, M. Conk Dalay, S. İ. Deliloğlu Gürhan
P-BME 021	<i>In Vitro</i> Reconstruction of Human Epidermal Culture Model to Predict Skin Irritation	<u>S. Y. Tuǒruđ</u> , S. Vatansever, S. İ. Deliloğlu Gürhan
P-BME 022	Tissue engineering of the human urinary bladder using mesenchymal stem cells	<u>S. Erden</u> , A. Sendemir Ürkmez, B. H. Sen, E. Mir, S. I. Deliloğlu Gürhan
P-BME 023	Effects of Chitosan and its Derivative Surfaces on Proliferation and Survival of PC12 cells in vitro	<u>T. Nesil</u> , A. Şendemir Ürkmez
P-BME 024	Alternatively Splicing and Human Embryonic Stem Cells	T. Adalı, <u>B. Taneri</u>

P-BME 025	A Novel Electrochemical Impedance Biosensor Based on Cysteine Containing Nano-sized Polymeric Material for Detection of Fe³⁺ Values in Blood Samples	<u>U. Mengülluöglu</u> , Ç. Altuö, S. Akgöl, E. Dinçkaya, A. Denizli
P-BME 026	Neural and Glial Transdifferentiation of Mesenchymal Stem Cells on Chitosan/Sulfated Chitosan Surfaces	<u>Y. M. Senses</u> , S. I. Deliloglu Gurhan, A. Sendemir Urkmez
P-BME 027	Chitosan Scaffolds with BMP-6 Loaded Alginate Microparticles for Periodontal Bone Regeneration.	<u>Z. Soran</u> , R. S. Tıölı, M. Gümüşdereöglu

BIOPROCESS ENGINEERING (BPE)

P-BPE 001	Antibody Immobilization to Magnetic Nanoparticles for Rapid Detection of <i>Escherichia coli</i>	<u>A. Çalış</u>
P-BPE 002	Optimization of Cinnabarinic Acid from <i>Pycnoporus cinnabarinus</i> and Production in Stirred Tank Reactor: Effect of Various Parameters	<u>A. Göçenoğlu</u> , A. M. Ahmed, M. Ç. Uçar, E. Erden, N. Pazarlıoğlu
P-BPE 005	Electrochemical Impedance Spectroscopy Based On A Novel Biosensor For Aflatoxin M1 Analysis	E. Dinçkaya, Ö. Kınık, M. K. Sezgintürk, <u>Ç. Altuğ</u> , A. Akkoca
P-BPE 006	Lysozyme mediated synthesis of silica for <i>Candida rugosa</i> lipase immobilization	<u>F. Kartal</u> , T. K. Ozturk, A. Kilinc
P-BPE 007	Characterization of Gliadins During Sourdough Fermentation for Gluten Intolerance	<u>G. Komen</u> , A. H. Baysal, S. Harsa
P-BPE 008	Effect of Three Different Acidic Textile Dyes on Purslane (<i>Portulaca oleracea</i>) Growth and Its Polyphenol Oxidase Activity	<u>G. Arabacı</u> , A. Usluoğlu
P-BPE 009	Immobilization of Polyphenol Oxidase and Some Properties Investigations	<u>G. Arabacı</u> , H. Köse
P-BPE 010	Insight into Osmoadaptation of a Newly Isolated Moderately Halophilic Microorganism	<u>G. Yılan</u> , D. Kazan, B. Sarıyar Akbulut
P-BPE 011	The Effect of Triacntanol on Biomass Production and Imidacloprid Removal Capacity Phormidium sp.	<u>H. Aminfarzaneh</u> , E.Duygu, G.I Dönmez
P-BPE 012	Effect of γ -irradiation on essential oils of peppermint herbal tea (<i>Mentha piperita</i>)	<u>H. Machhour</u> , M.Mahrouz, I. El Hadrami, M. A. Misdag, Z. Boujamlaoui, M. Mouhib
P-BPE 013	Determination of Optimum Conditions for Lactic acid Production by Free and Immobilized <i>Rhizopus oryzae</i> NRLL-395	I. Çoban, <u>S. Sargın</u>
P-BPE 014	Investigation of <i>Bartamia stricta</i> Sull. (Bryophyta) As a Natural Biosorbent on Immunoglobulin G Purification	<u>M. E. Demir</u> , D. Aktaş Uygun, A.Erdağ, S. Akgöl, A. Denizli

P-BPE 015	Effect of Purification on Milk Clotting Activity of <i>mucor miehei</i> Rennet	<u>M. Çelebi</u> , H. Kuzu Yıldız
P-BPE 016	Response Surface Modeling of Kitchen Waste Fermentation for Optimizing Bioethanol Production	<u>O. N. Uncu</u> , D.Çekmecelioğlu
P-BPE 017	RNase Production by Actinomycetes	<u>Ö. Gübe</u> , T. Demir, M. Yücel, E. E.Hameş- Kocabaş
P-BPE 018	Screening of Some Biomedical Enzymes from Various Thermophilic Endospore Forming Bacteria	<u>P. Sözer</u> , İ. Gözütok, B. Slem, R. Eltem
P-BPE 019	Biochemical Composition of <i>Pseudanabaena sp.</i> Isolated from a Thermal Spring in Denizli- Turkey	S. Tamburacı, <u>M. Conk Dalay</u>
P-BPE 020	Determination of optimum conditions for <i>Trichoderma</i> micropropagules production in shake flasks and static culture	<u>Y. Gezgin</u> , S. Sargın, R. Eltem, F. Vardar Sukan, B. Bakı, G. Avcı, H. İltüzer, S. Satılmış
P-BPE 021	Effect of Culture Conditions on Lipase Production by Thermophilic <i>Anoxybacillus sp.</i> HBB 16	<u>Z. B. Bakır Ateşlier</u> , K. Metin, G. Başbülbül
P-BPE 022	Effect of Amino Acid Side Chain on Preferential Cleavage of Macrocylic b ion	<u>Ç. Taşoğlu</u> , G. Görgülü, T. Yalçın
