

TIME	5/24/2018
	VENUE A
08:00-09:00	REGISTRATION
09:00-09:10	OPENING CERAMONY
09:10-09:40	WELCOME SPEECHES
	CHAIRS: İHSAN ÇALIŞ & FAZİLER VARDAR
09:40-10:10	ARTIFICIAL ORGANS: PAST - PRESENT - FUTURE NESRİN HASIRCI
10:10-10:40	MEDICAL APPLICATIONS IN CERN OSMAN EROĞUL
10:40-11:10	RECENT DEVELOPMENTS AND OPPURTUNITIES IN BIOTECHNOLOGY MUNİS DÜNDAR
11:10-11:30	COFFEE BREAK
	CHAIRS: NESRİN HASIRCI & HÜSNÜ CAN BAŞER
11:30-12:00	"NEW STRATEGIES FOR SURFACE MODIFICATION OF BACTERIAL CELLULOSE WITH ANTIMICROBIAL PROPERTIES" MARINA YURIEVNA YAZYKOVA
12:00-12:30	" INTERFACING SOFT AND HARD MATERIALS WITH TRIPLE-SHAPE-MEMORY AND SELF-HEALING FUNCTIONS " OĞUZ OKAY
12:30-13:00	TISSUE ENGINEERING: IMPORTANCE OF DESIGN, CHEMISTRY AND TOPOGRAPHY VASIF HASIRCI
13:00-14:00	LUNCH BREAK
	CHAIR: TERİN ADALI
14:00-14:30	ANTIDEPRESSANTS 'DEPRESS' THE DETOXIFICATION ENZYME SYSTEMS OF THE BODY NAZMİ ÖZER
14:30-16:30	SPECIAL SESSION I: BIOMEDICAL APPLICATIONS OF 3D PRINTING TECHNOLOGY EMİL MAMMADOV
16:30-16:40	COFFEE BREAK
	CHAIRS GAMZE MOCAN & BİLGE HİLAL ÇADIRCI
16:40-17:00	TELOMERE MEDIATED- GENOMIC MAINTENANCE IN STEM CELLS, AGING AND PREGNANCY NEDİME SERAKINCI
17:00-17:15	"SUBSTRATE TOPOGRAPHY ALTER PROSTATE CANCER EPITHELIAL TO MESENCYMAL TRANSITION" TUĞBA ÖZDEMİR
17:15-17:30	" BIOMIMETIC FISH SCALE COMPOSITE SCAFFOLDS FOR BONE TISSUE ENGINEERING" AYLİN KARA
17:30-17:45	"OSTEOBLASTIC AND CHONDROGENIC DIFFERENTIATION OF STEM CELLS OBTAINED FROM DIFFERENT SOURCES ON BIPHASIC SCAFFOLDS" SEDA VATANSEVER/ FEYZAN ÖZDAL KURT
17:45-18:00	DEVELOPMENT OF AN IN VITRO 3D BONE TUMOR MODEL AYLİN KÖMEZ
18:00-19:00	WELCOME COCTAIL
09:00-17:00	POSTER PRESENTATIONS (PP01-PP20)

TIME	5/25/2018	
	VENUE A	
	CHAIRS OĞUZ OKAY & NESRİN HASIRCI	
09:00-09:30	AN ENGINEERING APPROACH TO BIOINFORMATICS IN BIOMEDICAL APPLICATIONS FAZİLET VARDAR SÜKAN	
09:30-10:00	GENOME-WIDE ASSOCIATION STUDIES: HOW AND WHY? THE EXAMPLE OF SMOKING BEHAVIOUR CHIARA BATINI	
10:00-10:30	THE NEW FRONTIER OF GENOME ENGINEERING: THE CRISPR/CAS9 SYSTEM ŞERİF ŞENTÜRK	
10:30-11:00	GEORGE EL FAKHRI	TBA
11:00-11:30	COFFEE BREAK	
	CHAIRS SEDA VATANSEVER & CHIARA BATINI	
11:30-12:00	CONTROL OF STEM CELL SENESCENCE AFTER CULTURE WITH BIOMATERIALS SEDA VATANSEVER	
12:00 - 12:15	UTILIZATION AND CHARACTERIZATION OF A PROTEASE TO PRODUCE ANTIMICROBIAL POLIPEPTIDES BİLGE HİLAL CADIRCI	
12:15-12:30	THE USE OF HIGH-THROUGHPUT DNA SEQUENCING TO IDENTIFY GENES FOR RARE DISEASES MAHMUT ÇERKEZ ERGÖREN	
12:30-12:45	ON THE CONTRIBUTION OF GHRL VARIANTS TO OBESITY IN A POPULATION OF TURKISH CYPRIOTS: A COMBINED GENETIC EPIDEMIOLOGY AND COMPUTATIONAL BIOCHEMISTRY APPROACH KEREM TERALI	
12:45-13:00	INVESTIGATION OF THE CYTOTOXIC EFFECT OF LAVANDULA ANGUSTIFOLIA ON GLIOBLASTOMA CELL CULTURE DİLEK GÖKTÜRK	
13:00-14:00	LUNCH BREAK	
14:00-15:45	SPECIAL SESSION II BIOMEDICAL SCIENCE & ENGINEERING APPLICATIONS TO VETERINARY MEDICINE	
15:45-16:00	COFFEE BREAK	

TIME	5/25/2018 (Continues)	
	VENUE A	VENUE B
	CHAIRS MAHMUT ÇERKEZ ERGÖREN & PINAR TULAY	CHAIRS KAYA SÜER & RAŞİME KALKAN
16:00-16:15	INVESTIGATION OF THE EFFECTS OF ADAPTIVE IMAGE COMPRESSION WITH THE NEW COMPUTER-BASED APPROACH TO DETECT PELVIC FRACTURES HÜSEYİN NASİFOĞLU	PREVALANCE OF VİBRİOPARAHAEMOLYTICUS IN VARIOUS SEAFOOD CONSUMED IN NORTH CYPRUS KAYA SÜER
16:15-16:30	IN VITRO EVALUATION OF Er, Cr: YSGG LASER AND CONVENTIONAL ETCHING METHODS FOR THE MICROLEAKAGE AND ADAPTATION OF FISSURE SEALANTS AYLİN İSLAM	MULTIFUNCTIONAL BILAYER WOUND DRESSING WITH CONTROLLED RELEASE OF A PAIN RELIEVER AND AN ANTIMICROBIAL AGENT ÇAĞLA MİRASYEDİOĞLU
16:30-16:45	AGE ESTIMATION FROM FACE IMAGES BY SEGMENTATION AND CLASSIFICATION OF WRINKLE REGIONS ŞULE BERNA AYAN	BIOMIMETIC FISH SCALE COMPOSITE SCAFFOLDS FOR BONE TISSUE ENGINEERING AYLİN KARA
16:45-17:00	SICKEL-CELL ANAEMIA DETECTION USING A WATERSHED TRANSFORM AND EDGE DETECTION PROCESSING TECHNIQUE SALEM ALMAZOK	THE EFFECT OF DIFFERENT SILICA PARTICLES ON STRUCTURE AND BIOACTIVITY OF POROUS CHITOSAN SCAFFOLDS FOR HARD TISSUE SEDEF TAMBURACI
17:00-17:13	THE ASSOCIATION BETWEEN FTO rs9939609 AND ADIPOQ rs2241766 GENE VARIANTS AND OBESITY IN TURKISH GIZEM SOYLER/ MAHMUT ÇERKEZ ERGÖREN	BIOCHEMICAL EVALUATION OF A NOVEL SCREWLESS POSTERIOR STABILIZATION SYSTEM: AN EXPERIMENTAL STUDY HÜSEYİN LEKESİZ
17:15-17:30	NUCLEUS DEFORMATION ON MICROPATTERNED SUBSTRATES: A TOOL TO QUANTIFY NUCLEAR DEFORMABILITY OF CANCER CELLS MENEKŞE ERMİŞ	A NOVEL POROUS MAGNETIC CHITOSAN-g-RMF BEAD FOR PHENOL REMOVAL FROM AQUEOUS SOLUTION JALİL HEYDARIPOUR
09:00-17:00	POSTER PRESENTATIONS (PP21-PP40)	

Time	5/26/2018	
	VENUE A	
	CHAIRS VASIF HASIRCI & MUNİS DÜNDAR	
09:00-09:30	BIOTRANSFORMATIONS AND COMBINATIONS OF VOLATILES FOR ENHANCED ANTIMICROBIAL ACTIVITY HÜSNÜ CAN BAŞER/ FATİH DEMİRÇİ	
09:30-10:00	SECONDARY PLANT METABOLITES: THE ROLE OF BIOTRANSFORMATION IN DRUG DISCOVERY STUDIES EMPHASISING ON STEROIDS AND TRITERPENOIDS İHSAN ÇALIŞ/ GÜNER EKİZ	
10:00-10:30	NEW APPROACHES IN ELECTROCHEMICAL DNA BIOSENSORS MEHMET ŞENGÜN ÖZSÖZ	
10:30-10:45	FABRICATION OF POLYMER-BASED SERS SUBSTRATES WITH TUNABLE PROPERTIES FOR BIOSENSING APPLICATIONS MERVE ÇELİK	
10:45-11:00	ELECTROCHEMICAL BIOSENSOR DEVICES FABRICATION: AGIO3/MGO NANORODS-BASED GLUCOSE AND IMMUNOSUPPRESSANT DRUG DETECTION AKEEM OLADIPO	
11:00-11:15	COFFEE BREAK	
	VENUE A	VENUE B
	CHAIRS MEHMET ÖZSÖZ / OYA OKAY	SPECIAL SESSION III: BIOMEDICAL ENGINEERING AND SCIENCE ACCREDITATION AND EDUCATIONAL STANDARIZATION
11:15-11:30	PASSIVE SAMPLERS AND MUSSELS IN POLLUTION MONITORING STUDIES OYA OKAY	
11:30-11:45	MACROMOLECULARLY IMPRINTED COMPOSITE GÖZDE BAYDEMİR PEŞİNT	
11:45-12:00	ANTI-METASTATIC ACTIVITY OF ALBIZIA LEBBECK STEM BARK EXTRACT AGAINST BREAST CANCER CELL MODELS HUZAİFA UMAR	
12:00-12:15	THE SETDB1 IS LINKED TO PROGRESSION OF HEAD AND NECK SQUAMOUS CELL CARCINOMA SİBEL ÖZDAŞ	
12:15-12:30	DRUG RESISTANCE EVALUATION AT 2D and 3D CANCER MODELS DİLEK GÖKTÜRK	
12:30-12:45	A NEW CT-BASED AND VOXELIZED HUMAN PHANTOM MODEL FOR REFERENCE DOSE CALCULATIONS IN RADIOTHERAPY AZİZ RASİM YUSUF	
12:45-13:00	GelMA-pHEMA HYDROGEL COMPOSITE NERVE GUIDE FOR PERIPHERAL NERVE REGENERATION TUĞBA DURSUN USAL	
13:00-14:00	LUNCH BREAK	LUNCH BREAK

Time	5/26/2018 (Continues)	
	VENUE A	VENUE B
	CHAIRS KEREM TERALI & BURÇİN ŞANLIDAĞ	SPECIAL SESSION III: BIOMEDICAL ENGINEERING AND SCIENCE ACCREDITATION AND EDUCATIONAL STANDARIZATION
14:00-14:15	TARGETED GENE PANNEL SCREENING IN SUDDEN CARDIAC DEATH: CHALLENGES AND UTILITIES ŞEHİME TEMEL	
14:15-14:30	NATURAL TRITERPENOIDS IN THE FIGHT AGAINST DANDRUFF AND SEBORRHEIC DERMATITIS: RESULTS OF AN IN SILICO STUDY KEREM TERALI	
14:30-14:45	CORRELATION OF BREATH SOUND ANALYSES WITH PULMONARY FUNCTION TESTS IN ASTHMATIC AND HEALTHY CHILDREN BURÇİN ŞANLIDAĞ	
14:45-15:00	BIOCOMPATIBILITY STUDIES OF PVA/STARCH CRYOGELS DİLEK GÖKTÜRK	
15:00-15:15	THE METHODOLOGY OF RAPID PROTOTYPING AND 3D PRINTING OF OBSTETRIC MODELS FOR MIDWIFERY EDUCATION BETÜL MAMMADOV	
15:15-15:30	"DIFFERENTIATION AND CHARACTERIZATION OF HUMAN SPERMATOGONIAL STEM CELLS FROM NON- OBSTRUCTIVE AZOOSPERMIA PATIENTS IN THREE-DIMENSIONAL (3D) AND TWO- DIMENSIONAL (2D) CULTURE SYSTEMS" HİLAL KARADAYI	
15:30-15:45	COFFEE BREAK	COFFEE BREAK
15:45-16:00	CHAIRS DUDU ÖZKUM YAVUZ & DİLEK GÖKTÜRK	CHAIRS VASIF HASIRCI & ULAŞ YAVUZ
16:00-16:15	EFFECT OF THE DIFFERENT SUBSTRATE TEMPERATURE ON THE DISSOLUTION BEHAVIOR IN HYDROXYAPATITE COATED Ti6Al4V ALLOYS KÜRŞAT KANBUR	TITANIUM AND ITS ALLOYS USED IN BIOMEDICAL APPLICATIONS: A REVIEW YUSUF ŞAHİN
16:15-16:30	EXTRACTION OF PECTIN AND ITS UTILIZATION IN CHITOSAN; PECTIN CRYOGEL PRODUCTION DİLEK GÖKTÜRK	MUSCLE EMG ACTIVITIES DURING POPULAR SQUAT VARIATIONS? CHOOSE THE RIGHT ONE H. ULAŞ YAVUZ
16:30-16:45	CRYOGELS FOR AFFINITY THERAPY GÖZDE BAYDEMİR PEŞİNT	IMPLEMENTATION OF LEVEL SET ACTIVE CONTOUR MODEL ALGORITHM FOR AUTOMATIC IMAGE SEGMENTATION IN ABDOMINAL CT SCAN RABİU ALİYU ABDULKADİR
16:45-17:00	COMPARISON OF DIFFERENT IN VITRO STATIC BLOOD BRAIN BARRIER (BBB) MODELS MERT ÇELTİKOĞLU	THE EFFECT OF ALTITUDE ON VO2MAX, VENTILATION FUNCTIONS AND HEART RATE OF 100m SPRINTERS CEVDET TİNAZCI
17:00-17:15	ENGINEERING A PCL/HYDROGEL BASED 3D PRINTED MENISCUS GÖKHAN BAHÇECİOĞLU	FORECASTING MEASLES IN EUROPEAN UNION BY USING ADAPTIVE NEURO-FUZZY INFERENCE SYSTEM ERKUT İNAN İŞERİ
17:15-17:30	INVESTIGATION OF THE EFFECT OF BIOMIMETIC COLLAGEN:GELATIN NANOPILLAR FILMS ON OSTEOBLAST BEHAVIOUR PINAR ALPASLAN	EFFECT LANTHANUM OXIDE ADDITIVE ON THE HYDROXYAPATITE-(1.0 WT%)MAGNESIUM OXIDE COMPOSITE OĞULCAN ALGAN
09:00-17:00	POSTER PRESENTATIONS (PP41-PP58)	

Time	5/27/2018	
	VENUE A	VENUE B
	CHAIRS ÜMİT İLHAN & KAAN UYAR	CHAIRS CEVDET TINAZCI & MELİS S. ÖZDENEFE
09:00-09:15	LANTHANUM OXIDE DOPED HYDROXYAPATITE-ALUMINA COMPOSITES AS BIOCERAMIC İSMAİL AKIN KIYICI	INCIDENCE AND AWARENESS OF PRE-ECLAMPSIA IN NORTH CYPRUS POPULATION PINAR TULAY
09:15-09:30	DEVELOPMENT OF ERGONOMIC CHAIR WITH LOAD CELL AND ARDUINO UNO R3 328P FOR SIGNIFICANT FACTORS AFFECTING OUR HEALTH AND MEDICAL TREATMENTS CEMAL KAVALCIOĞLU	DESIGN OF MOUSE CONTROL WITH HEAD MOVEMENT AND EYE BLINK FOR THE SEVERELY DISABLED PEOPLE MURAT ARSLAN
09:30-09:45	FAILURE ANALYSIS OF AN ORTHOPEDIC FIXATION IMPLANT FİLİZ ALSHANABLEH	HYRALURONIC ACID BASED BIOACTIVE PEPTIDE DECORATED SYNTHETIC HYROGELS INDUCE 3D EPITHELIAL POLARITY TUĞBA ÖZDEMİR
09:45-10:00	THE EFFECT OF MAGNESIUM OXIDE ADDITIVE ON THE SINTERABILITY, MICROSTRUCTURAL AND MECHANICAL PROPERTIES OF HYDROXYAPATITE AHMET MERT İŞIKOĞULLARI	DETECTION OF PARKINSON'S DISEASE WITH KEYSTROKE DATA AND SUPPORT VECTOR MACHINES NEZİF TOMSON
10:00-10:15	INVESTIGATION OF THE EFFECT OF BIOMIMETIC COLLAGEN:GELATIN NANOPILLAR FILMS ON OSTEOBLAST BEHAVIOUR ŞENGÜL DANIŞMAN	APPLICATION OF PV FOR ELECTRICITY GENERATION IN TAJOURA HEART HOSPITAL ICU-LIBYA & APPLIED AT NEAR EAST HOSPITAL LIDA EBRAHİMİ VEFAEI
10:15-10:30	PHOTOCHEMICAL GRAFTING OF POLY(BENZYL METHACRYLATE) ONTO ALGINATE EDITH AHAKA	METHACRYLATED GELATIN HYDROGELS AS CORNEAL STROMA SUBSTITUTES: AN IN VIVO STUDY CEMİLE KILIÇ BEKTAŞ
10:30-10:45	EEG FOR CONTROLLING EXOSKELETON ROBOTIC SYSTEMS MOHAMMED SUBHI HADI	FUZZY NEURAL SYSTEM APPLICATION TO DIFFERENTIAL DIAGNOSIS OF ERYTHEMATO-SQUAMOUS DISEASES JOHN BUSH
10:45-11:00	PHYSIOCHEMICAL CHARACTERISATION, ANTIOXIDATIVE, CANCER CELLS TOXICITY AND FOOD PATHOGEN ANTIBACTERIAL ACTIVITY OF CHITOSAN NANOPARTICLES LOADED WITH CYPERUS ARTICULATES ESSENTIAL OILS CONFIDENCE UKAEJE	MICROBIAL ASSESSMENT OF READY-TO-USE FOOD FOR THE REHABILITATION OF MALNOURISHED CHILDREN PERİHAN ADUN
11:00-11:45	CLOSING CERAMONY	