

## SCIENTIFIC PROGRAM FOR BIOCHEMICAL & BIOPHYSICAL DAYS

OCTOBER 12, 2003 SUNDAY	
09:00 - 17:00	Registration
	<b>Hall C</b>
17:00	Opening Ceremony
17:30	Opening Lecture
	Chair: Nazmi Özer
	Novel approaches to genetic diseases Pinar T. Özand
18:30	<i>Break</i>
20:00	Welcome Cocktail

<b>OCTOBER 13, 2003 MONDAY</b>		
	<b>Hall A</b>	<b>Hall B</b>
	Chair: George Russev, Mesude İřcan	Chair: Stefan Szedlacsek, Beki Kan
09:00	Molecular Basis of Colorectal Cancer in The Republic of Macedonia Alexander Dimovski	Exploring The Interaction of Seven-Transmembrane Receptors With G-Proteins By Using Synthetic Model Peptides Matjaz Zorko
09:40	Irregular Ionisation of Proteins. An Alternative Interpretation of Experimental Observations Andrey Karshikoff	Oncogenic Signalling Pathways and Cell Death Based Tumour Therapies Alexander Pintzas
10:20	From Microparticles to Giant Cells of Northern Adriatic Vesna Svetlicic	Modelling of Cellular Receptor Signalling Pathways Haluk Reřat
11:00	<i>Coffee Break</i>	
	Chair: Vladimir Mrsa, Figen Zihnioglu	Chair: Dusanka Janezic, Kevser Piřkin
11:30	A Simple Spectro photometric Method for the determination of Selenium in Biological Materials Burcu Okutucu	Human Interferon Gamma-Significance of the C-Terminal Flexible Domain for its Biological Activity Genoveva Nacheva
11:50	FT-IR Spectroscopic Studies of Melatonin - Induced Changes in Rat Liver Microsomes Güvenç Görgülü	Non-Enzymatic Glycosylation of Recombinant Human Interferon-Gama Roumyana Mironova
12:10	Molecular Investigation of The Effect of Melatonin on Rat Brain Tissue Sara Banu Akkař	Noninvasive Optical Assay for Synthetic Hemoglobin Fluids Mehmet Dinçer Bilgin
12:30	A Rat Dementia Model by Chronic Ethanol Consumption and Withdrawal: Validation by Passive Avoidance Measurement and Serum Cholinestrace Level Erdiñ Çakır	The Status of Patients with Diabetes Mellitus Monitored by Turkish Diabetes Society in Denizli / Turkey Diler Aslan
13:00	<i>Lunch</i>	
14:00	<i>Poster</i>	
17:00	<i>Free Time</i>	

OCTOBER 14, 2003 TUESDAY		
	Hall A	Hall B
	Chair: Alexander Dimovski, Zoe Lygerou	Chair: Andrey Karshikoff, Gürbüz Çelebi
09:00	Global Genomic and Transcription-Coupled DNA Repair Rates in Human Cells George Russev	Yeast Cell Wall Proteins: Localisation, Function, Application Vladimir Mrsa
09:40	Cloning, Expression and Preliminary Characterization of Xylulose-5-Phosphate Phosphoketolase From Lactococcus lactic. Stefan Szedlacsek	Catabolic and Anabolic Agents of Bone Organ - Culture Emina Sofic
10:20	Y-Chromosome Microdeletions Among Infertile Men From The Republic of Macedonia Dijana Plaseska-Karanfilska	Electro-manipulation of The Biological Cells: Basics and Applications Mihai Radu
11:00	<i>Coffee Break</i>	
	Chair: Ivan Ivanov, Dijana Plaseska-Karanfilska, İ. Hamdi Ögüş	Chair: Ivan Ivanov, Azmi Telefoncu
11:30	Screening of RPGR Gene in Turkish Retinitis Pigmentosa Patients Ceren Acar	Immunoliposomes Directed Toward VCAM-1 : Vehicles for Specific Drug Delivery to Activated Endothelial Cells Manuela Vionea
11:50	Methylation Pattern and DnaseI Hypersensitivity within the Intregenic Spacer of Ribosomal RNA Genes in Excised Cotyledons of Cucurbita Pepo L. ( Zucchini ) after Cytokinin Treatment Evgeni Ananiev	Development of two Amperometric Biosensors Based on Catalase Immobilized in Gelatin - Alginat and Gelatin-k-Carrageenan for Alcohol Determination Erol Akyilmaz
12:10	Gene Polymorphism of Endothelial Markers in Renal Dysfunction Constantina Heltianu	Determination of Chromium ( VI ) by a Catalytic Spectrophotometric Method in the Presence of p-Aminobenzoic Acid Angelina Stoyanova
12:30	Expression of Estrogen in Breast Carcinomas Vesna Vranic Mandusic	Altered Drug Resistance and Neurologic Disorders in Drosophila Melanogaster with a Deficient Histamine-Gated Chloride Channel Eugene Semenov
13:00	<i>Lunch</i>	
14:00	<i>Tour To Ephesus</i>	

OCTOBER 15, 2003 WEDNESDAY		
	Hall A	Hall B
	Chair: Matjaz Zorko, Alexander Pintzas	Chair: Vesna Swetlicic, Mihai Radu
09:40	The Roles of CYP1A and CYP2E in Chemical Carcinogenesis Emel Arınç	Inactivation of Melanoma Cells Irradiated with Gamma-Rays and Low Energy Protons Alexandra Ristic-Fira
10:20	Cell Cycle Regulation and Genome Integrity Zoe Lygerou	Large Scale Macromolecular Simulations By Simplectic Integration Methods Dusanka Janezic
11:00	<i>Coffee Break</i>	
	Chair: Alexandra Ristic-Fira, Leyla Açan	Chair: Necla Öztürk, Vassilj Goltsev
11:30	The Effect of Insulin Level on Steroid Receptors Mojka Vulovic	Implementation of a Neovascular Coupling Model Ata Akın
11:50	Molecular Analysis of the ABCA4 Gene in Turkish Patients with Stargardt Disease and Retinitis Pigmentosa Rıza Köksal Özgül	Analysis of Millisecond Delayed Fluorescence Dark Decay Vassilj Goltsev
12:10	Mitochondrial Enzyme Activities and mtDNA Polymorphism in Parkinson's Disease Gülnehal Kulaksız	Development of an Analogue Model Simulating the Portal Vein Necla Öztürk
12:30	Determination of Steady-State Levels of OxoGuanine in Calf Thymus DNA by Means of FPG Protein Beran Yokuş	Purification and Characterization of A PSTS Hyperalkaline Phosphates from T. Thermophilus Anastasia Pantazaki
13:00	<i>Lunch</i>	
14:00	<i>Poster</i>	
	<i>Closing Ceremony</i>	
17:30	<i>Free Time</i>	
20:00	<i>Farewell Dinner</i>	

## SCIENTIFIC PROGRAM FOR MEETING ON METABOLIC DISORDERS

OCTOBER 13 , 2003 MONDAY	
Hall C	
	Chairmen: A. Kaya Emerk, Işık Türkalp
09:00	Ortadoğuda Genel Problem Olan Homosistinürinin üç Tipi Three Types of Homocystinuria A Common Problem in Middle East Pınar T. Özand
10:05	Yenidoğanda Konjenital Hipotiroidi Taraması Screening for Congenital Hypothyroidism in the Neonate Alev Özön
10:20	Yenidoğanda Tandem-Mass Spektrometre ile Geniş Kapsamlı Kalıtsal Metabolik Hastalıkların Taranması Expanded Newborn Screening for inborn Errors of Metabolism by Tandem Mass Spectrometry İnci Karaaslan
10:40	Tartışma/ Discussion
11:00	<i>Coffee Break</i>
	Chairmen: Fatma Z. Kutay, Nezh Hekim
11:30	Kitle Tarama Testlerinin Uygulanışında Kalite Kontrolünün Önemi ve Kitle Tarama Verilerinde Referans Aralığının Saptanması The Use of Split-Sample Design for Performance Evaluation of Screening Kits: A Real Life Study Tijen Tanyalçın
11:50	Fetusta Biyokimyasal Tanı Foetal Biochemistry: Biochemical Diagnosis for Foetus Nezh Hekim
12:10	Tartışma / Discussion
13:00	<i>Lunch</i>
14:00 - 16:30	<i>Poster</i>
17:00 - 19:00	Panel : Türkiye'de Neonatal Tarama Politikası Neonatal Screening Policy of Turkey Chair: Uğur Dündar / Mine Özbek Pınar T. Özand, İmran Özalp, Münip Üstündağ, Yahya Laleli, Mine Özbek

<b>OCTOBER 14 , 2003 TUESDAY</b>	
<b>Hall C</b>	
	Chairmen: Yahya Laleli, Tijen Tanyalçın
09:45	Amino Asit Metabolizması Bozukluğunda Kullanılan Metodlar ve Karşılaşılan Güçlükler Amino Acid Analysis Methods-Details and Difficulties Gürsel Biberoglu
10:15	The Use of Tandem Mass Spectrometry in Newborn Mass Screening Programs: The Facts Beyond the Myth François Eyskens
11:00	<i>Coffee Break</i>
	Chairmen: Aslan Aksu, Sema T. Ozan
11:30	Karbohidrat Metabolizması Hastalıkları: Klinik Yaklaşım, Teşhis ve Tedavide Laboratuvaradan Beklentiler Disorders of Carbohydrate Metabolism : Clinical Approach Future Prospects of Diagnosis and Treatment Benal Büyükgebiz
12:00	Karbohidrat Metabolizması Hastalıkları: Metodlar ve Karşılaşılan Güçlükler Disorders of Carbohydrate Metabolism Basic Concepts, Evaluation of Laboratory Methods and Difficulties Observed Aslan Aksu
12:30	Tartışma / Discussion
13:00	<i>Lunch</i>
14:00	<i>Tour to Ephesus</i>

<b>OCTOBER 15, 2003 WEDNESDAY</b>	
	<b>Hall C</b>
	Chairmen: Güldal Kırkalı, Hakan Aydın
09:00	Obesite, Polikistik Over ve İnsülin Direnci Dysregulation of P450C17 Enzyme in Polycystic Ovary Syndrome Fahrettin Keleştimur
09:30	Obesite: Nöral Mekanizmalar Neuroendocrine System and Obesity Üstün Korugan
10:00	Obesite Bir İnflamasyon mudur? Is Obesity an Inflammatory Disease ? Candeğer Yılmaz
10:30	Tartışma / Discussion
11:00	<i>Coffee Break</i>
	Chairmen: Orhan Değer, Nezaket Eren
11:30	Hiperlipoproteinemiler ve Diğer Lipid Metabolizması Hastalıkları Laboratory Diagnosis in Lipoprotein and Other Lipid Metabolism Disorders Gülçin Eskandari
12:00	Glikosfingolipidozlar: Hastalıktan Metabolizmanın Temel İlkelerine The Glycosphingolipidoses: From Disease to Basic Principles of Metabolism Asuman Özkara
12:30	Tartışma / Discussion
13:00	<i>Lunch</i>
14:00	<i>Poster</i>
17:00	<i>Closing</i>
17:30	<i>Free Time</i>
20:00	<i>Fairwell Party</i>