

ISOPS-11 PROGRAMME

TUESDAY, JUNE 9

08:30-10:00	REGISTRATION				
50th ANNIVERSARY HALL					
10:00-10:50	OPENING CEREMONY				
Chair	Christoph HIEMKE (Germany)				
10:50-11:30	◆ Yalcin DUYDU, PL-1 Is Boric Acid Toxic to Reproduction in Humans? Assessment of the Animal Reproductive Toxicity Data and Epidemiological Study Results				
11:30-13:00	LUNCH				
BAYER HALL		50th ANNIVERSARY HALL		LECTURE HALL-I	
SESSION II Analytical Chemistry ◆◆		SESSION III Pharmacognosy ◆◆		SESSION IV Pharmacology ◆◆	
Chair	Jean Michel KAUFFMANN (Belgium) Feyyaz ONUR (Turkey)	Chair	Alan SLUSARENKO (Germany) Gulcin SALTAN (Turkey)	Chair	Nilanjana MAULIK (USA) Tanju OZCELIKAY (Turkey)
13:00-13:40	◆ Arben MERKOCI, PL-2 Nanodiagnosics with Simple Paper/Plastic-Based Platforms	13:00-13:40	◆ Marie-Aleth LACAILLE-DUBOIS, PL-4 Newest Strategies in the Search for Bioactive Saponins from the Tropical Plant Biodiversity	13:00-13:40	◆ Belma TURAN, PL-6 Cardioprotective effects of β -blockers Mediated by Scavenging Reactive Oxygen and Nitrogen Species in Diabetes
13:40-14:20	◆ Ziad EL RASSI, PL-3 Use of Nano-entities as Separation Media in Modern Liquid Phase Separation Techniques	13:40-14:20	◆ Anake KIJJOA, PL-5 Chemistry and Some Interesting Biological Activities of Secondary Metabolites from Marine-Derived Fungi	13:40-14:20	◆ Asim B. ABDEL-MAGEED, PL-7 Stem Cell-Based Therapy: A Double-edged Sword?
14:20-14:35	◇ Seda Nur TOPKAYA, OP-1 Electrochemical Investigation of Temozolomide and DNA Interaction	14:20-14:35	◇ Alper GOKBULUT, OP-3 Modern Thin Layer Chromatography (HPTLC) for Quality Control of Botanicals	14:20-14:35	◇ Onat KADIOGLU, OP-5 Synthetic Cajanin Stilbene Acid Derivatives Inhibit c-MYC in Breast Cancer Cells

◆ plenary lecture

◇ oral presentation

14:35-14:50	◇ Amal RABTI, OP-2 Direct Electrochemistry of Glucose Oxidase on Graphene Standalone Electrode for Non-Invasive Detection Of Glucose in Saliva	14:35-14:50	◇ Ibrahim DEMIRTAS, OP-4 Phyto-activity Studies on Turkish Centaurea Species, from Past to Future	14:35-14:50	◇ Seniz Sirma YILDIRIM, OP-6 Effect of Reccurent L-Dopa Administration on Hydrogen Sulphide-Induced Relaxation Response on Corpus Cavernosum
14:50-15:20	COFFEE BREAK				
15:20-16:20	POSTER SESSION I (P1 → P131)				
50th ANNIVERSARY HALL			BAYER HALL		
SESSION V Analytical Chemistry ◆			SESSION VI Pharmaceutical Technology ◇◆		
Chair	Henk LINGEMAN (Netherlands) Zuhre SENTURK (Turkey)		Chair	S. Moien MOGHIMI (Denmark) Nilüfer TARIMCI (Turkey)	
16:20-17:00	◆ Bezhn CHANKVETADZE, PL-8 Recent Developments in Enantioseparation of Chiral Drugs		16:20-17:00	◆ Istvan TOTH, PL-10 Lipid and Glyco-lipid Based Dendritic Peptide and Vaccine Delivery Systems	
17:00-17:40	◆ Salvatore FANALI, PL-9 Capillary-/Nano-Liquid Chromatography: Principles and Applications in Drug Analysis		17:00-17:40	◆ S. Moien MOGHIMI, PL-11 Inside the Kingdom of Complement: The Tale of Nanoparticle Affairs	
			17:40-17:55	◇ Aysu YURDASIPER, OP-7 Development of Dry Powder Inhalers Containing Triamcinolone Acetonide for Sustained Pulmonary Delivery	
19:00-21:00	WELCOME RECEPTION				

◆ plenary lecture
◇ oral presentation

WEDNESDAY, JUNE 10

BAYER HALL		50 th ANNIVERSARY HALL		LECTURE HALL-I	
SESSION VII Analytical Chemistry ◆◆		SESSION VIII Pharmaceutical Chemistry ◆◆		SESSION IX Biochemistry ◆◆	
Chair	Bezhan CHANKVETADZE (Georgia) Sibel A. OZKAN (Turkey)	Chair	James DEVILLERS (France) Hakan GOKER (Turkey)	Chair	Serpil NEBIOGLU (Turkey) Zeliha BUYUKBINGOL (Turkey)
9:00-9:40	◆ Henk LINGEMAN, PL-12 Clinical Chemistry: Immunological Versus Chemical Assays	9:00-9:40	◆ Luciano SASO, PL-13 Modulation of Oxidative Stress as a Pharmacological Strategy	9:00-9:15	◇ Ezgi Turunc BAYRAKDAR, OP-12 Neuroprotective Effects of Nicotinamide on Apoptotic Mechanisms in Aβ(1-42) Induced In Vivo Neurodegeneration
9:40-9:55	◇ Emirhan NEMUTLU, OP-8 GC-MS Based Metabolomic Profiling of Human Bone Marrow	9:40-9:55	◇ Belgin SEVER, OP-10 Synthesis and Evaluation of Triazolothiadiazine Derivatives as New Anticancer Agents Related to COX-2 Inhibition	9:15-9:30	◇ Filiz BAKAR, OP-13 Newly Synthesized Indole-3-Imine-2-On Derivatives Inhibited mMP-9 mRNA Expression of Human Breast Cancer Cells
9:55-10:10	◇ Rusudan KAKAVA, OP-9 Synthesis of Novel Chiral Sulfoxides and Investigation of Relationships Between Enantioselectivity and Chemical Structure in High- Performance Liquid Chromatography	09:55-10:10	◇ Emine Akyuz TURUMTAY, OP-11 Phenolic Compounds of Cinnamomum Zeylanicum and Inhibition Effect on the Enzymes of Bacterial Replicative DNA Polymerase	9:30-9:45	◇ Arzu Z. KARABAY, OP-14 Effects of Indole α-Lipoic Acid Derivatives on Cell Viability Parameters in K562 Leukemia Cell Line
				9:45-10:00	◇ Merve SENSOY, OP-15 Antioxidant and Cytotoxic Microalgae Species from Four Local Geothermal Sources
10:10-10:40	COFFEE BREAK				

◆ plenary lecture

◇ oral presentation

50 th ANNIVERSARY HALL		BAYER HALL		LECTURE HALL-I	
SESSION X Phytotherapy-Pharmaceutical Botany ◆		SESSION XI Pharmaceutical Technology ◇◆		SESSION XII Analytical Chemistry ◇◆	
Chair	Nasrullah ABDULLAEV (Uzbekistan) Maksut COSKUN (Turkey)	Chair	Istvan TOTH (Australia) Nilufer YUKSEL (Turkey)	Chair	Salvatore FANALI (Italy) Bengi USLU (Turkey)
10:40-11:20	◆ Erdal BEDIR, PL-14 Studies on Turkish <i>Astragalus</i> Species: Past, Present and Future	10:40-11:20	◆ Gerrit BORCHARD, PL-16 Immunobiopharmaceutics: The Role of the Immune System in Drug Delivery	10:40-11:20	◆ Giovanna MARRAZZA, PL-17 Biosensors: The Revolution in the Clinical Analysis
11:20-12:00	◆ Nasrullah ABDULLAEV, PL-15 Perspectives of the Creation Preparations on the Bases of Plant Raw Materials	11:20-11:35	◇ Cansel KOSE OZKAN, OP-16 Development of a Suitable Simultaneous Dissolution Method for Atorvastatin and Ezetimibe in Their Pharmaceutical Dosage Form By RP-LC	11:20-12:00	◆ Juan Miguel FELIU MARTINEZ, PL-18 Electrochemical Characterization and Reactivity of Platinum Nanoparticles
		11:35-11:50	◇ Fatemeh BAHADORI, OP-17 A Novel Nano Formulation for Synthetic and Plant Based Metal Chelators with Blood-Brain Barrier Targeting Property for Treatment of Alzheimer's Disease	12:00-12:15	◇ Dilek KUL, OP-18 Electrosynthesis, Characterisation, and Sensor Application of Poly(Methyl Red) Electroactive Polymer Films
12:00-13:00	LUNCH				
13:00-14:20	POSTER SESSION II (P132 → P274)				
14:20-14:30	SYMPOSIUM PHOTO				

◆ plenary lecture

◇ oral presentation

BAYER HALL		LECTURE HALL-I		50th ANNIVERSARY HALL	
SESSION XIII Toxicology ◆◆		SESSION XIV Pharmaceutical Technology ◆◆		SESSION XV Analytical Chemistry ◆◆	
Chair	Benay CAN EKE (Turkey) Yalcin DUYDU (Turkey)	Chair	Gerrit BORCHARD (Switzerland) Tuncer DEGIM (Turkey)	Chair	Juan Miguel FELIU MARTINEZ (Spain) Giovanna MARRAZZA (Italy)
14:30-15:10	◆ Tanja SCHWERDTLE, PL-19 New Insights in the Toxic Action of Neurotoxic and Carcinogenic Metal Species	14:30-15:10	◆ Katerina GORACINOVA, PL-20 Polymeric Nanocarriers for Targeted Delivery of SN-38	14:30-15:10	◆ Jean Michel KAUFFMANN, PL-22 The Contribution of Electrochemistry to the Pharmaceutical Sciences
15:10-15:25	◇ Hatice Gul GOKTAS, OP-19 The Cytotoxicity Profile of Resveratrol in Human Cervical Cancer (Hela) and Chinese Hamster Lung Fibroblast (V79) Cells	15:10-15:50	◆ Yesim KARASULU, PL-21 Self Nano-emulsifying Drug Delivery Systems for Poorly Soluble Drugs	15:10-15:50	◆ Zuhre SENTURK, PL-23 A Journey to the Mysterious World of the Brain by Voltammetry
15:25-15:40	◇ Ahmet Oguz ADA, OP-20 TP53 and Xenobiotic Metabolizing Enzyme Polymorphisms and Risk of Non-Small Cell Lung Cancer	15:50-16:05	◇ Tuba INCECAYIR, OP-21 P-Glycoprotein Mediated Efflux Transport of Clopidogrel Across Rat Intestine	15:50-16:05	◇ Hayati CELIK, OP-23 Electrochemical Behavior of 1,4-Dihydro Pyridine Derivatives
		16:05-16:20	◇ Derya ILEM OZDEMIR, OP-22 Effect of Residual Urine in Bladder to Intravesically Applied Chitosan and Poloxamer Gels		

◆ plenary lecture

◇ oral presentation

THURSDAY, JUNE 11

50 th ANNIVERSARY HALL		LECTURE HALL-I	
SESSION XVI Pharmaceutical Chemistry ◆		SESSION XVII History of Pharmacy and Management ◇	
Chair	Patrick J. WALSH (USA) Dogu NEBIOGLU (Turkey)	Chair	Gulbin OZCELIKAY (Turkey)
9:00-9:40	◆ James DEVILLERS, PL-24 Designing Chemicals Active Against Mosquitoes	9:30-9:45	◇ Bilge Sozen SAHNE, OP-24 Leadership Behaviors in the Pharmaceutical Sector
9:40-10:20	◆ Keykavous PARANG, PL-25 Peptide Nanostructures as Molecular Transporters of Therapeutic Agents	9:45-10:00	◇ Zeynep CALGAN, OP-25 Providing Patient Consultancy in Community Pharmacy: A Literature Review and Qualitative Study in Ankara
		10:00-10:15	◇ Caglar MACIT, OP-26 Assessment of the Epilepsy Knowledge of Epileptic Patients, Non-Epileptic Patients and Community Pharmacists
10:20-11:00	COFFEE BREAK		

50 th ANNIVERSARY HALL	
SESSION XVIII Pharmacognosy ◇◆	
Chair	Marie Aleth LACAILLE DUBOIS (France) Ahmet BASARAN (Turkey)
11:00-11:40	◆ Alan SLUSARENKO, PL-26 Puzzling out the Cellular Effects of Allicin, a Natural Defence Substance from Garlic
11:40-11:55	◇ Mohamed SAEED, OP-27 Cytotoxicity of the Dietary Flavonoid, Apigenin, as Determined by Pharmacogenomics and Molecular Docking
11:55-12:10	◇ Gulsen KENDIR, OP-28 In vitro Antioxidant Effect of Ribes L. Species in Turkey
12:10-12:25	◇ Cherif ABDENNOUR, OP-29 Wheatgrass Phytotherapy of Pb Induced Toxicity in Male Wistar Rat

- ◆ plenary lecture
◇ oral presentation

12:25-13:30	LUNCH		
13:30-15:00	POSTER SESSION III (P275 → P424)		
BAYER HALL		50th ANNIVERSARY HALL	
SESSION XX Pharmaceutical Microbiology ◆◆		SESSION XXI Pharmaceutical Toxicology ◇◆	
Chair	Nina CHANISHVILI (Georgia) Sulhiye YILDIZ (Turkey)	Chair	Asuman KARAKAYA (Turkey) Mumtaz ISCAN (Turkey)
15:00-15:40	◆ Nina CHANISHVILI, PL-28 Bacteriophages as Therapeutic and Prophylactic Means	15:00-15:40	◆ Christoph HIEMKE, PL-30 Update 2015 of Guidelines for Therapeutic Drug Monitoring in Psychiatry and Neurology
15:40-16:20	◆ Banu SANCAK, PL-29 Methicillin-resistant <i>Staphylococcus aureus</i>	15:40-15:55	◇ Sreeparna BANERJEE, OP-33 Chnq Exerts Antitumor Activity Against Colorectal Cancer Through the Induction of Apoptosis and Oxidative
16:20-16:35	◇ Mujde ERYILMAZ, OP-31 Antimicrobial Activity of Some <i>Alnus</i> Species	15:55-16:05	◇ Ozge CEMILOGLU ULKER, OP-34 Cytokine Profiles of Lymph Node Cell Cultures of Irritant and Allergen Exposed Mice Groups
16:35-16:50	◇ Banu KASKATEPE, OP-32 Rhamnolipid Production by <i>Pseudomonas</i> spp. in Pulps		
18:00-22:00	COCKTAIL & STATE FOLK DANCE ENSEMBLE PERFORMANCE		

◆ plenary lecture
◇ oral presentation

FRIDAY, JUNE 12

BAYER HALL		50 th ANNIVERSARY HALL	
SESSION XXII Pharmaceutical Chemistry ◇◆		SESSION XXIII Pharmacology ◆	
Chair	Patrick J. WALSH (USA) Sibel SUZEN (Turkey)	Chair	Antonio ZAZA (Italy) Belma TURAN (Turkey)
9:00-9:40	◆ Patrick J. WALSH, PL-31 Functionalization of Weakly Acidic Hydrogens: Toward the Synthesis of Biologically Active Compounds	9:00-9:40	◆ Nilanjana MAULIK, PL-32 Key Players in Cardiac and Peripheral Artery Disease: Potential and Challenges
9:40-9:55	◇ Erol EROGLU, OP-35 A Molecular Modelling Approach to Rationale the Inhibitory Activity of Derivatives of Coumarin Against Carbonic Anhydrase Isoforms II	9:40-10:20	◆ Antonio ZAZA, PL-33 Pharmacological Modulation of Calcium Store Stability as an Antiarrhythmic Intervention
		10:20-10:35	◇ Asli F. CEYLAN-ISIK, OP-30 Iron Supplementation Increases Oxidative Stress in Non-Anaemic Pregnant Women
10:35-11:00	COFFEE BREAK		
50th ANNIVERSARY HALL			
11:00-12:00	POSTER PRESENTATION AWARDS AND CLOSING CEREMONY		
12:00-13:30	LUNCH		

◆ plenary lecture
 ◇ oral presentation

14:00-17:00

PANEL “GELENEKSEL ve TAMAMLAYICI TIP UYGULAMALARI FİTOTERAPİ VE FİTOTERAPİDE KULLANILAN ÜRÜNLER

(Language of the panel will be Turkish)

PANEL YÖNETİCİSİ

Prof. Dr. Maksut COŞKUN

PANELİSTLER

Prof. Dr. Ahmet BAŞARAN

“Bitkisel Ürünlerde Yasal Durum”

Prof. Dr. Gülçin SALTAN

“Bitkisel Ürünler ile İlgili Olarak Avrupa Farmakopesi Kapsamında Yapılan Çalışmalar”

Prof. Dr. Haluk DEDA

“Fitoterapide Kullanılan Bitkilerin Kültürü, Standardizasyonu ve Türkiye'deki Uygulamalar”

Doç. Dr. Ayşegül KARATAŞ

“Bitkisel İlaç Formülasyonlarında Karşılaşılabilecek Sorunlar ve Çözüm Önerileri”

Dr. Ecz. Aşlı CAN AĞCA

“Geleneksel Bitkisel Tıbbi Ürünler ve Türkiye'deki Durum”

Dr. Sencar TEPE

“Hekim Bakışı ile Fitoterapi”

◆ plenary lecture

◇ oral presentation