

* Programme Schedule is on GMT +3 Time Zone

ISOPS-13 FINAL PROGRAMME

TUESDAY, JUNE 22

HALL-I			
10.00-10.30	OPENING CEREMONY		
Chair	Asuman Bozkır, İlker Ateş, Burcu Devrim		
10:30-11:10	◆ Sibel Süzen Dual benefits of melatonin analogues as aromatase inhibitors and oxidative stress modulators in breast cancer		
11:10-11:50	◆ Ercüment Çiçek Machine Learning Models for Predicting Drug Synergy and Side Effects		
11:50-12:30	◆ Mustafa Diken The Era of mRNA Vaccines		
HALL-I	HALL-II	HALL-III	HALL-IV
SESSION I Pharmaceutical Technology ◆◆	SESSION II Pharmaceutical Chemistry ◆◆	SESSION III Pharmacology GPCR Session ◆	SESSION IV Pharmacognosy ◆
Chair	Chair	Chair	Chair
Maria Deli Nilüfer Yüksel	Erden Banoğlu Sibel Süzen	Antonio Zaza Arzu Beşikçi	Ömür Demirezer Gülçin Saltan Işcan
13:15-13:55	13:15-13:55	13:15-13:55	13:15-13:25
◆ Catherine Amiel Cyclodextrin polymer coatings for drug delivery: from nanoparticles to hydrogels	◆ Luciano Saso Modulation of oxidative stress as a pharmacological strategy	◆ Borja Ibanez Modulation of Beta Adrenergic System For Exacerbated Inflammation	◆ Nadire Özenver Identification and characterization of deschloro-chloro-thricin obtained from a large natural product library targeting aurora A kinase in multiple myeloma
			13:25-13:35
			◆ Hafize Yuca <i>Nepeta transcaucasica</i> Grossh.: chemical composition and alpha glucosidase inhibitory activity of essential oil and anatomical properties of different parts of the plant
			13:35-13:45
			◆ Merve Yüzbaşıoğlu Baran

◆ plenary lecture
◇ oral presentation

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							Potential phytochemicals for the treatment of pulmonary arterial hypertension
						13:45-13:55	◇ Ekrem Murat Gönülalan Metabolomics and acetylcholinesterase inhibitory activity studies on <i>Dactylis glomerata</i> L. and <i>Hordeum murinum</i> L.
13:55-14:35	◆ Jessica Rosenholm Mesoporous silica for advanced drug delivery applications	13:55-14:35	◆ Nicola Micale Drug design and biological activity of compounds targeting human and/or pathogenic proteases	13:55-14:35	◆ Martin C. Michel Desensitization of β 3-Adrenoceptors: comparison of cAMP and biased signaling	13:55-14:05	◇ Gamze Göger Investigation of in vitro antimicrobial effects of <i>Tripleurospermum callosum</i> (Boiss. & Heldr.) E. Hossain extracts on urinary system pathogens and in vivo toxicity in <i>Caenorhabditis elegans</i> model
						14:05-14:15	◇ Kevser Taban Akça Cytotoxic activity and phytochemical profile of <i>Pimpinella isaurica matthews ssp. isaurica</i>
						14:15-14:25	◇ Zehra Torun Qualitative and quantitative analysis of isoorientine in <i>Linum arboreum</i> and <i>Linum flavum ssp. scabrinerve</i>
						14:25-14:35	◇ Yasin Dari Quantification of fatty acids in chia seed oils obtained with SFE-CO ₂ and cold press techniques
14:35-15:15	◆ Ayca Yıldız Peköz Novel Drug Targeting for Localized-direct Treatment of Lung Diseases	14:35-14:45	◇ İnci Selin Doğan Lipase inhibitor activity and molecular modelling studies of new pyridazinone derivatives	14:35-15:15	◆ Walter J Koch GRK2 Inhibition for Heart Failure - Nearing Translation	14:35-14:45	◇ Seren Gündoğdu Constituents and biological activity of endemic <i>Cynoglossis chetikiana</i>
		14:45-14:55	◇ Göknil Pelin Coşkun Synthesis and structure elucidation of new fenamate thiosemicarbazide				
		14:55-15:05	◇ Fabiana Plescia Neuromodulatory activity on the cannabinoidergic system by new pyrazole styrylquinazolinones				

- ◆ plenary lecture
- ◇ oral presentation

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15:15-15:30		BREAK					
HALL-I		HALL-II		HALL-III		HALL-IV	
SESSION V Pharmaceutical Technology ◇		SESSION VI Pharmaceutical Chemistry ◇		SESSION VII Pharmacology ◇		SESSION VIII Pharmacognosy ◇	
Chair		Chair		Chair		Chair	
15:30-15:40	Jessica Rosenholm Canan Hasçıçek ◇ Antonella Leggio Mesoporous silica-based nanocarrier for targeted cancer therapy	15:30-15:40	Rahime Şimşek Esin Akı-Yalçın ◇ Suat Sari Identification of a potent indole N-oxide derivative HIF PHD2 inhibitor through hybrid virtual screening	15:30-15:40	Işıl Özakça Gündüz ◇ Büşra Dincer The synergic effects of agomelatine on the anticancer potential of doxorubicin in MCF-7 breast cancer cells	15:30-15:40	Funda N. Yalçın Burçin Ergene ◇ Methiye Mancak Karakuş A survey on practice of dietary supplements and aromatherapy during COVID-19 pandemic in Turkey
15:40-15:50	◇ Berrin Küçüktürkmen Microfluidic approach for surface modification of mesoporous silica nanoparticles	15:40-15:50	◇ Hasan Erdinç Sellitepe Synthesis of novel hydrazone derivatives and evaluation of their inhibitory activities against monoamine oxidases and β -secretase	15:40-15:50	◇ Nur Banu Bal The effect of 4-phenylbutyric acid on hypertension-induced cardiac impairments	15:40-15:50	◇ Sultan Pekacar Enzyme inhibitory and phytochemical studies on <i>Pistacia terebinthus</i> collected from different locations
15:50-16:00	◇ Ayşe Nur Oktay The effect of gel properties of cyclodextrin based nanogel on the release and stability studies	15:50-16:00	◇ Ural Ufuk Demirel Design, synthesis, ADME and molecular docking studies of novel urea and sulfonamide derivatives of isatine as potential anticancer agents	15:50-16:00	◇ Hazal Eken The contribution of adrenergic and serotonergic receptors in the analgesic effect of quercetin	15:50-16:00	◇ Tuba Şerbetçi Quality-control of <i>Hypericum perforatum</i> L. preparations sold in herbal drugstores and pharmacies of Adana and investigation of their hypericin and hyperoside content by HPLC
16:00-16:10	◇ Emine Kahraman Pickering emulsions stabilized by cyclodextrin derivatives for treatment of atopic dermatitis: Optimization and in vitro characterization	16:00-16:10	◇ Hanif Shirinzadeh Investigation of the antibacterial effects of some schiff bases compounds containing naphthalene and indole rings	16:00-16:10	◇ Yagmur Okcay Contribution of cannabinoid system to the antihyperalgesic effects of antiepileptic drugs	16:00-16:10	◇ Fatma Ayaz The radical scavenging activities and enzyme inhibition effects of the extracts from <i>Origanum onites</i> L.
16:10-16:20	◇ Nazlı Erdoğan Development and Characterization of F Erlotinib-Randomly Methylated- β -cyclodextrin Complex for the Treatment of Non-small Lung Cancer	16:10-16:20	◇ Luca Sancineto Synthesis and antiproliferative activity of selenium containing compounds	16:10-16:20	◇ Yeşim Kaya Yaşar The effects of hydrogen sulfide donors on ERK and WNT signaling pathways in an in vitro lipopolysaccharide-induced airway inflammation model in mice	16:10-16:20	◇ Zeynep Doğan Cytokine-based anti-inflammatory studies on <i>Acanthus spinosus</i> L.

◆ plenary lecture

◇ oral presentation

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16:20-16:30	◆ Özden Çakmakyapan Evaluation and comparison of β -cyclodextrin derivatives on aqueous solubility of desloratadine	16:20-16:30	◆ Mangiavacchi Francesca Insight into redox properties of some selenides and diselenides	16:20-16:30	◆ Dilan Askin Ozek Investigation of drug-drug interaction of favipiravir with allopurinol and verapamil using pharmacokinetic parameters	16:20-16:30	◆ Natale Badalamenti Essential and fixed oils of Sicilian plants as phytotherapeutic sources
16:30-16:40	◆ Sıla Gülbağ Pinar Immunological effects of a new developed cyclosporine a nanosuspension in rats for oral administration	16:30-16:40	◆ Kübra Demir-Yazıcı Synthesis and human carbonic anhydrase inhibition studies of some 1,3,4-thiadiazoles	16:30-16:40	◆ Hilal Zengin Investigation of effect of inactive parapoxvirus immunomodulator on leukocyte proliferation	16:30-16:40	◆ Güzin Emecen The importance of <i>Drosophila melanogaster</i> as a model organism in phytochemical activity bioassay for neurological diseases
16:40-16:50	◆ Özlem Çulcu Optimization of lidocaine base nanosuspensions with experimental design	16:40-16:50	◆ Cristina Maccallini New inhibitors of the inducible nitric oxide synthase as anticancer and antiinflammatory agents	16:40-16:50	◆ Zeynep Karaköy Effect of fluvoxamine on the pharmacokinetics of paracetamol in mice	16:40-16:50	◆ Gülsüm Yıldız Lipoxygenase enzyme inhibitory activity of <i>Origanum minutiflorum</i> O. Schwarz et P.H. Davis various extracts
16:50-17:50	POSTER SESSION I						
HALL-I		HALL-II		HALL-III		HALL-IV	
SESSION IX Pharmaceutical Technology ◆		SESSION X Analytical Chemistry ◆◆		SESSION XI Pharmaceutical Microbiology ◆◆		SESSION XII Pharmacognosy ◆	
Chair	İmran Vural Müge Kılıçarslan	Chair	Susana Campuzano Sibel Ayrış Özkan		Nurten Altanlar Müjde Eryılmaz	Chair	Ufuk Koca Alper Gökbulut
17:50-18:00	◆ Naile Ozturk A new orodispersible tablet formulation of an antihypertensive drug	17:50-18:30	◆ Arben Merkoçi Nanobiosensors for diagnostics applications	17:50-18:30	◆ Evren Doruk ENGİN Vaccine design and innate immune network	17:50-18:00	◆ Hülya Tuba Kıyan In vivo anti-angiogenic and anti-inflammatory potentials of R(+) or S(-) limonene loaded Eudragit® RS 100 nanoparticles
18:00-18:10	◆ Gülen Melike Demir Bolat Chemosensitive evaluation of methotrexate loaded niosomes on Burkitt lymphoma cells					18:00-18:10	◆ Nazlı Şenay Beşirik Antimicrobial evaluation of juniper berry (<i>Juniperus communis</i> L.) essential oil combination with standard antimicrobial compounds

- ◆ plenary lecture
- ◇ oral presentation

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18:10-18:20	◇ Merve Karpuz 99mTc-labeled, colistin encapsulated, theranostic liposomes					18:10-18:20	◇ Alper Çimik In vitro biological effects of endemic Anatolian spotted newt dermal venom: a potential active pharmaceutical ingredient (API) for drug delivery systems
18:20-18:30	◇ Eliza Wolska How useful are microscopic techniques to predict drug release profile from the lipid microparticles					18:20-18:30	◇ Gökşen Dilşat Durbilmez Comparative study of anti-hyaluronidase activities of hybrid nanoflowers of <i>Rosmarinus officinalis</i> methanol plant extract
18:30-18:40	◇ Selin Seda Timur Evaluation of in vitro permeability of an antiviral drug, favipiravir, for BCS classification	18:30-19:10	◆ Gustavo A. Rivas Building new analytical platforms based on carbon nanomaterials for biomarkers biosensing	18:30-18:40	◇ Suleyman Kayan Microbial contamination of some used cosmetic products	18:30-18:40	◇ Golshan Zare Lamiaceae members used in Anatolia traditionally for respiratory diseases from the perspective of bacterial and viral infections
18:40-18:50	◇ Aslihan Hilal Algan Cellular uptake of polymeric tubular nanocarriers			18:40-18:50	◇ Suna Sibel Gurpinar Antibacterial activity of some antidepressant active substances against clinical <i>Acinetobacter baumannii</i> isolates		
18:50-19:00	◇ Meltem Ezgi Durgun Development of the micellar based ocular in situ gelling systems of posaconazole with quality by design (QbD) approach			18:50-19:00	◇ Gamze Benli Antibiofilm and antibacterial effects of metabolites of <i>Bacillus</i> sp. isolated from soil		
19:00-19:10	◇ Kemal Çetin Polyethyleneimine functionalized cryogel membranes as a controlled release system						
19:10-19:20	◇ Clement M. Haeck Preclinical development of an injectable Multipurpose Prevention Technology (MPT) formulation						

- ◆ plenary lecture
- ◇ oral presentation

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WEDNESDAY, JUNE 23

HALL-I		HALL-II		HALL-III		HALL-IV	
SESSION XIII Pharmaceutical Technology ◆◆		SESSION XIV Pharmaceutical Toxicology ◆◆		SESSION XV Analytical Chemistry ◆		SESSION XVI Pharmacognosy ◆◆	
Chair	Catherine Amiel Tansel Çomoğlu	Chair	Ahmet Aydın Özge Ülker	Chair	Dilek Kul İsmail Murat Palabıyık	Chair	Sinem Aslan Erdem
10:30-11:10	◆ Maria Deli Targeted nanoparticles for brain delivery of drugs	10:30-11:10	◆ Felix Carvalho Use of magnetic-induced hyperthermia for cancer treatment	10:30-10:40	◆ S. Irem Kaya Detailed electrochemical behavior and thermodynamic parameters of anticancer drug regorafenib and its sensitive electroanalytical assay in biological and pharmaceutical samples	10:30-11:10	◆ Karel Šmejkal Progress and trends in potential utilization of natural compounds as drugs - prenylated phenolics
				10:40-10:50	◆ Göksu Özçelikay An Electrochemical Platform Based On Magnetic/Chitosan Nanomaterials for Determination of Dapagliflozin in Different Matrices		
				10:50-11:00	◆ Ece Özkan Electrochemical analysis of dapagliflozin using boron-doped diamond electrode		
				11:00-11:10	◆ Michele Protti Microsampling and HRMS for the analysis of tryptophan-derived biomarkers in a murine model of amyotrophic lateral sclerosis		
11:10-11:50	◆ Salma Tammam The role of chitosan-collagen binding in drug targeting to fibrotic diseases	11:10-11:50	◆ Helena Kandarova In vitro topical toxicity testing of medical devices in line with the new ISO 10993-23	11:10-11:20	◆ Gözde Aydoğdu Tığ A sensitive electrochemical non-enzymatic hydrogen peroxide sensor using AuNPs-ergo/poly(indole-5-carboxylic acid) nanocomposite	11:10-11:50	◆ Christian Zidorn Plant Chemophenetic Studies from Asteraceae to Zosteraceae
				11:20-11:30	◆ Burcu Dogan-Topal A simple and sensitive electroanalysis of nilotinib in biological samples in the presence of sodium lauryl sulphate		

◆ plenary lecture
◇ oral presentation

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				11:30-11:40	◆ Sevinc Kurbanoglu Inhibition of tyrosinase by non-steroidal anti-inflammatory drug: an electrochemical approach		
				11:40-11:50	◆ Işıl Evcil A novel method for analytical determination of COVID-19 drug, favipiravir, in tablets		
11:50-12:00	◆ Gizem Rüya Topal Preparation and in vitro evaluation of APO-E modified solid lipid nanoparticles for delivery of humanin peptide	11:50-12:00	◆ Rosa Mhlanga Chinheya Biocompatibility of pulp capping materials on L929 mouse fibroblast cells	11:50-12:00	◆ Mehmet Emin Çorman Bioinspired design of porous molecularly imprinted nanofilm for selective and sensitive sensing of an anticancer drug ruxolitinib	11:50-12:00	◆ Etil Güzelmeriç <i>Sambucus ebulus</i> L. versus <i>S. nigra</i> L.: comparative assessment of the phenolic composition and bioactivity profile of flowers, leaves and fruits
12:00-12:10	◆ Umut Can Öz Development of Thymoquinone Loaded Nano-Formulations Via Central Composite Design	12:00-12:10	◆ Tuğbagül Çal Genistein and 5-fluorouracil enhances trail mediated apoptosis via inhibition of xiap and DCR1 in SW480 cells	12:00-12:10	◆ Fatma Gülay Der Poly(HPBAs) for voltammetric determination of fluoride in dental formulations (DFs); PCA approach	12:00-12:10	◆ Alper Gökbulut Phytochemical analysis and biological activity of <i>Nepeta cadmea</i> Boiss.
12:10-12:20	◆ Tuğrul Mert Serim Development of an in vivo test method for the nasal delivery of Lyospheres®	12:10-12:20	◆ Çiğdem Sevim The antiangiogenic activity of metformin in HT29-HUVEC co-culture: involvement of miR-21 expression	12:10-12:20	◆ Saadet Dermiş Spectrophotometric and HPLC determination of naftifine HCl	12:10-12:20	◆ İshak Erik Three new antimicrobial natural compounds from <i>Scorzonera aucheriana</i>
12:20-12:30	◆ Tuğba Gülsün İnal Organotypic brain slice cultures	12:20-12:30	◆ Unzile Sur Male reproductive system toxicity of di(2-ethylhexyl) phthalate: a comparison in terms of exposure time and route.	12:20-12:30	◆ Ali Kemal Ateş Voltammetric determination of epirubicin by a modified glassy carbon electrode	12:20-12:30	◆ İbrahim Seyda Uras Search of potential marine natural products against COVID-19
12:30-13:15	BREAK						

◆ plenary lecture

◇ oral presentation

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HALL-I		HALL-II		HALL-III		HALL-IV	
SESSION XVII Pharmaceutical Technology ◇		SESSION XVIII Pharmaceutical Toxicology ◇◇		SESSION XIX Analytical Chemistry ◇◇		SESSION XX Pharmaceutical Botany ◇◇	
Chair	Salma Tamмам Zerrin Sezgin Bayındır	Chair	İsmet Çok İlker Ateş	Chair	Roccaldo Sardella Mehmet Gökhan Çağlayan	Chair	İffet İrem Çankaya Ayşegül Köroğlu
13:15-13:25	◇ Burcu Devrim Polyelectrolyte complex nanoparticles-filled enteric-coated capsules for oral insulin delivery	13:15-13:55	◇ Nurşen Başaran The importance of biomonitoring of genotoxicity biomarkers in occupational settings	13:15-13:55	◇ Susana Campuzano Toward Multiomics Bioelectroanalytical Profiling for Personalized Medicine	13:15-13:55	◇ Francesco Epifano Pre-concentration and selective adsorption of plant secondary metabolites by solid sorbents
13:25-13:35	◇ Eren Aytekin Development and in-vitro in-vivo evaluation of hydrophilic gel formulations for treatment of keratoconus by non-invasive technique						
13:35-13:45	◇ Miray İlhan Development of PLGA nanoparticles to promote alveolar bone regeneration						
13:45-13:55	◇ Esra Merve Zambak Çotaoğlu Stability studies on medical device prepared by vancomycin-loaded bone cement						
13:55-14:05	◇ Rukiye Sevinç Özakar Development and in vitro characterization of pregabalin loaded nanoparticulate system	13:55-14:35	◇ Raffaella Sorrentino Hydrogen sulfide pathway role in cardiovascular system: a potential therapeutic target	13:55-14:35	◇ Roccaldo Sardella Enantioselective liquid chromatography in a translational chemistry perspective	13:55-14:35	◇ Kevser Erol Cannabinoids against cisplatin neurotoxicity
14:05-14:15	◇ Neslihan Kalfa Design of dexpanthenol loaded orally disintegrating films						

◇ plenary lecture
◇ oral presentation

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		14:35-14:45	◆ Hande Yüce Effects of periostin, tenascin-C, YKL-40, tetrahydrobiopterin on the liver cancer cell line	14:35-14:45	◆ İsmail Murat Palabıyık Synthesis of Cobalt Oxide Nanoparticles from Plant Extract of <i>Duranta Ripens</i> for the Sensitive Electrochemical Determination of Tramadol in Pharmaceutical Formulation	14:35-14:45	◆ Zekiye Ceren Arıtuluk Development of a cellular membrane affinity chromatography column containing immobilized TRKB receptors for the identification of phytochemicals mimicking the effects of BDNF
		14:45-14:55	◆ Tuğçe Çetin Possible effect of chelation treatment on metabolomic and lipidomic analysis in lead exposure	14:45-14:55	◆ Didem Nur Unal Design of a novel nanosensor for the determination of cardiac inotrope drug milrinone	14:45-14:55	◆ Gülnur Ekşi Bona Essential oil composition and anatomical structure of <i>Ferula tingitana</i> L. (Apiaceae)
		14:55-15:05	◆ Ozge Cemiloglu Ulker Direct peptide reactivity assay (DPRA) for measuring skin sensitization potentials of cosmetic ingredients	14:55-15:05	◆ Engin Er A novel design of graphene-based electrochemical nanosensor for the detection of antimetabolite anticancer agents	14:55-15:05	◆ Çağla Kızılarıslan Hançer The preliminary ethnobotanical study of Gökçeada/Çanakkale
		15:05-15:15	◆ Zeliha Keskin Tamoxifen and sodium thiosulphate therapeutic effect in rats with liver damage caused by experimental <i>Xanthium strumarium</i> poisoning	15:05-15:15	◆ Ozge Selcuk Electrochemical investigation of surfactant effect on the etodolac and thicolchicoside signals	15:05-15:15	◆ Safa Gümüşok Comparative leaf anatomy of some <i>Opopanax</i> species
15:15-16:15	POSTER SESSION II						
HALL-I		HALL-II		HALL-III		HALL-IV	
SESSION XXI Pharmaceutical Chemistry ◆◆		SESSION XXII Pharmacology ◆◆		SESSION XXIII Pharmaceutical Microbiology ◆◆		SESSION XXIV Pharmaceutical Toxicology ◆	
Chair	Ayla Balkan Hakan Göker	Chair	Martin Michel Ebru Arioğlu İnan	Chair	Nurten Altanlar Banu Kaşkatepe	Chair	İlker Ateş
16:15-16:55	◆ Laura Mercolini Microsampling in bioanalysis: new challenges and perspectives	16:15-16:55	◆ Antonio Zaza Toward pharmacological modulation of SERCA function: why and how	16:15-16:55	◆ Ivan Kosalec The in vitro antimicrobial-activity approach against MDR bacteria using metal/metal-oxide nanoparticles	16:15-16:25	◆ Şeyda Önal Evaluation of in vitro cytotoxic activity of hydroxychloroquine

- ◆ plenary lecture
- ◇ oral presentation

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						16:25-16:35	◇ Cagatay Oltulu The effects of carvacrol and epigallocatechin gallate on drug resistance in neuroblastoma cell line
						16:35-16:45	◇ Kifayet Sönmez Evaluation of the in-vitro cytotoxic activity of sunset yellow in acute and chronic dosing scenarios
						16:45-16:55	◇ Özge Köse The effects of different bisphenol derivatives on oxidative stress, DNA damage and DNA repair in RWPE-1 cells: A comparative study
16:55-17:35	◆ Adeboye Adejare Strategies for re-discovery of CNS drugs from African plants	16:55-17:35	◆ Thomas Wieland Inhibition of Nucleoside Diphosphate Kinases as a Novel Therapeutic Option in the treatment of Cardiovascular Diseases	16:55-17:35	◆ Nina Chanishvili Bacteriophage therapy: Past, present, future		
17:35-17:45	◇ Muhammed Trawally Mandelic acid-based novel spirothiazolidinones: Synthesis, antimycobacterial activity and molecular modelling studies	17:35-17:45	◇ Gizem Kaykı Mutlu Gender differences in β -adrenoceptor-mediated cardiac remodeling	17:35-17:45	◇ Ayşegül Ünverdi Isolation of <i>Salmonella</i> bacteriophage in poultry and its characterizations		
17:45-17:55	◇ Fatih Tok Synthesis of new pyrazoline derivatives and their anticancer activities	17:45-17:55	◇ Çağlar Macit The role of nebivolol on erectile dysfunction in rats with heart failure	17:45-17:55	◇ Şükran Öztürk In vivo effect of <i>Origanum majorana</i> L essential oil on <i>Galleria mellonella</i> larvae		

- ◆ plenary lecture
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17:55-18:05	<p>◇ Zafer Şahin</p> <p>Development of non-steroidal aminothiazole analogs active on MCF7 cell line and aromatase enzyme</p>	17:55-18:05	<p>◇ Betül Rabia Erdoğan</p> <p>The effect of sacubitril/valsartan on protein expression of diastolic components in HFD/STZ induced diabetic rat heart</p>	17:55-18:05	<p>◇ Merve Şavluk</p> <p>Antibacterial and antibiofilm activity of nisin against methicillin resistant <i>Staphylococcus aureus</i> isolates</p>		
18:05-18:15	<p>◇ Necla Kulabaş</p> <p>Novel 1,2,4-triazoles from ibuprofen as potential mPGES-1 inhibitors: synthesis, <i>in vitro</i> and <i>in silico</i> studies</p>	18:05-18:15	<p>◇ Genny Orso</p> <p>A <i>Drosophila</i> approach to study the effects of atypical antipsychotic drugs</p>	18:05-18:15	<p>◇ Engin Kaplan</p> <p>Determination of virulence and triazole drug susceptibility of wild type and fluconazole adapted strains of <i>Magnusiomyces clavatus</i></p>		
18:15-18:30	BREAK						
HALL-I		HALL-II		HALL-III		HALL-IV	
SESSION XXV Pharmaceutical Chemistry ◇		SESSION XXVI Pharmacology ◇		SESSION XXVII Pharmaceutical Microbiology ◇		SESSION XXVIII Analytical Chemistry ◇	
Chair	<p>Ayla Balkan Zeynep Ateş-Alagöz</p>	Chair	<p>Gizem Kaykı Mutlu</p>	Chair	<p>Nurten Altanlar Banu Kaşkatepe</p>	Chair	<p>Halil İbrahim Ulusoy Mehmet Emin Çorman</p>
18:30-18:40	<p>◇ Sultan Butun Sengel</p> <p>A novel green synthesis of nano/micro particles directly from <i>Citrus sinensis</i> L. peel extracts and their use in biomedical applications</p>	18:30-18:40	<p>◇ Giulia Guarato</p> <p>A <i>Drosophila</i> based approach to develop species-selective vertebrate drugs</p>	18:30-18:40	<p>◇ Duygu Simsek</p> <p>The combinatory antifungal activity of curcumin and quercetin on <i>Candida</i> spp.</p>	18:30-18:40	<p>◇ Remziye Nur Avcı</p> <p>Use of novel biochar -derivatized magnetic nanocomposite as magnetic solid-phase extraction adsorbent for preconcentration and determination of SDZ by high-performance liquid chromatography</p>
18:40-18:50	<p>◇ Pınar Kul</p> <p>Design synthesis and <i>in vitro</i> biological activities of new 6,8,9-trisubstituted purine derivatives as promising HSPs inhibitors</p>	18:40-18:50	<p>◇ Inci Kazkayasi</p> <p>The effect of methylene blue treatment on cognitive functions in the D-galactose-induced age related dementia mouse model</p>	18:40-18:50	<p>◇ Eslam Sad Eldin</p> <p>Antibiofilm activity of two new generation disinfectants</p>	18:40-18:50	<p>◇ Ümmügülsüm Morgül</p> <p>Development of analytical method for sensitive simultaneous determination of amitriptyline and venlafaxine based on magnetic phase extraction</p>
18:50-19:00	<p>◇ Mehmet Murat Kışla</p> <p>Synthesis, antineoplastic activity and molecular docking studies of novel indole-thiazolidinedione derivatives</p>	18:50-19:00	<p>◇ Elif Nur Barut</p> <p>Role of toll-like receptor2 signaling in rat model of cavernous nerve injury-induced erectile dysfunction</p>			18:50-19:00	<p>◇ Gizem Tırıs</p> <p>Electrochemical determination of antineoplastic drug in human plasma by modified glassy carbon electrode</p>

◆ plenary lecture

◇ oral presentation

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19:00-19:10	<p>◇ Ayşenur Er</p> <p>Synthesis of novel 1-benzyl-2-substituted-benzimidazole-6-sulfonamide derivatives and investigation of their effects on cholinesterases and carbonic anhydrase enzymes</p>					19:00-19:10	<p>◇ Mohammad Mehmandoust</p> <p>Fabrication of 2D-g-C₃N₄/SDS/GNPs as an electrochemical sensor for biomedical application</p>
						19:10-19:20	<p>◇ Çiğdem Yengin</p> <p>Comparative HPLC-PDA and LC-MS/MS approaches OSBs levels of simulated artificial body fluids and significance of raw data for chemometric discrimination of OSBs</p>
						19:20-19:30	<p>◇ Ahmet Çetinkaya</p> <p>Determination of the electrochemical behaviour of an anticancer drug in pharmaceutical and biological samples</p>

◆ plenary lecture
◇ oral presentation

* Programme Schedule is on GMT +3 Time Zone

THURSDAY, JUNE 24

HALL-I		HALL-II		HALL-III		HALL-IV	
SESSION XXIX Pharmaceutical Toxicology ◆◆		SESSION XXX Biochemistry ◆◆		SESSION XXXI Pharmacy Management ◆◆		SESSION XXXII Pharmaceutical Technology ◆	
Chair	Nurşen Başaran Tülay Çoban	Chair	Gülberk Uçar Arzu Zeynep Karabay	Chair	Claire Anderson Gülbin Özçelikay	Chair	Füsün Acartürk Burcu Devrim
10:30-11:10	◆ Emanuela Corsini Drug-induced hypersensitivity: opportunities to expand non-animal model for the identification of sensitization to drugs	10:30-11:10	◆ Jerka Dumic Positive or negative effects of recreational scuba diving - Can we adapt to a challenging environment?	10:30-11:10	◆ Claire Anderson Developing, implementing and evaluating advanced pharmacy services working with practitioners and policy makers	10:30-10:40	◆ Ulya Badıllı Curcumin loaded semisolid SLN dispersions: formulation optimization and in vivo evaluation
						10:40-10:50	◆ Ayşenur Vardar BSA loaded poly(isobutyl-methyl glycolide) nanoparticles for drug delivery systems
						10:50-11:00	◆ Ayça Güngör Ak Preparation and characterization of berberine loaded chitosan microparticles
						11:00-11:10	◆ Mehmet Birer Preparation of silk fibroin nanoparticles from Bombyx mori cocoons by DoE approach
11:10-11:20	◆ Göksun Demirel Smoking behaviors in COVID 19: an online survey among 749 university students	11:10-11:20	◆ Burak Barut Investigation of in vitro photodynamic therapy effects of water soluble Zn (II) phthalocyanine on HCT-116 cells	11:10-11:20	◆ Bilge Sozen-Sahne Healthcare services and empathy: example of pharmacy students	11:10-11:20	◆ Aslihan Arslan Development and in vivo evaluation of a pulsatile-release caffeine formulation
11:20-11:30	◆ Yağmur Özhan Hepatoprotective effects of <i>Sideritis congesta</i> against APAP-induced Liver Injury in HepG2 cells	11:20-11:30	◆ Betül Yanık Investigation of cytotoxic and apoptotic efficacy of orcinol in SW480 human colorectal cancer cells	11:20-11:30	◆ Demet Akalgan A study on patient experience in community pharmacies: İstanbul province sample	11:20-11:30	◆ Cennet Duran Development of a printable coating filament for 3D colon targeting tablets

◆ plenary lecture

◇ oral presentation

* Programme Schedule is on GMT +3 Time Zone

11:30-11:40	◆ Fuat Karakuş Comparative cysteine S-conjugate β-lyase activities of different organs towards paracetamol in mice	11:30-11:40	◆ Seda Onder Toluidine blue O decreases tau phosphorylation at Thr181 and Ser202/Thr 205 in N2a mouse neuroblastoma cells stably expressing the human Swedish mutant APP695	11:30-11:40	◆ Gizem Gülpınar The state of qualitative research in pharmacy literature: A focused mapping review and synthesis	11:30-11:40	◆ Aya Yahya Fayez Al-Oran Preparation and characterization of fast-dissolving desloratadine oral film for geriatric use
11:40-11:50	◆ Merve Demirbugen Oz The impact of the cytochrome P450 3A4 (CYP3A4*22) polymorphism on tacrolimus dose requirements and exposure during early period following kidney transplantation	11:40-11:50	◆ Derya Koyuncu Zeybek Development of label-free electrochemical immunosensor for leptin determination	11:40-11:50	◆ Miray Arslan Determination of prescribed medicine borrowing behavior of individuals	11:40-11:50	◆ Yasin Turanlı Electrospun nanofibers as oral fast-dissolving delivery system of risperidon
11:50-12:00	◆ Neşe Başak Türkmen A preliminary study; in vitro anticancer activity of patulin on HEP3B and A549 cells	11:50-12:00	◆ Derviş Birim Angiotensin II induces NLRP1 inflammasome activation in HCN-2 cell line	11:50-12:00	◆ Leyla Yumrukaya Is there any difference since 2012: Web sites of pharmacy schools	11:50-12:00	◆ Zehra Dik Preparation and characterization of tenofovir disoproxil fumarate loaded nanofiber for vaginal delivery
12:00-12:10	◆ Işık Çelikkol Evaluation of antioxidant, analgesic, anti-inflammatory and antispasmodic activity and genotoxic effect of <i>Micromeria fruticosa</i> subsp <i>brachycalyx</i> in vitro and in vivo	12:00-12:10	◆ Ezgi Turunc Ozoglu Prenatal stress may increase the risk of developing Alzheimer-like neuropathology in the hippocampus of rats	12:00-12:10	◆ Muammer Çalkıuşu COVID-19 anxiety of the students and academicians of pharmacy schools in Turkey and its effects on their psychological well-being	12:00-12:10	◆ Ece Eksin Label-free detection of miRNA-34a by carbon nanofiber enriched screen-printed electrodes
		12:10-12:20	◆ Aslı Koç Evaluation of the effects of SIRT5 modulators on the apoptosis of K562 cells and SIRT5 and cytochrome C proteins	12:10-12:20	◆ Maria Semedo Cinchona bark and its alkaloids in the 4th Portuguese Official Pharmacopoeia	12:10-12:20	◆ Meliha Ekinici In vitro incorporation studies of 99mTc-ibandronate sodium on bone cancer cell line
		12:20-12:30	◆ Yelin Subashi The effect of neopterin on epithelial mesenchymal transition driving gene experrions at HCC			12:20-12:30	◆ Hala Khamis Robust formulation design using compaction simulator and QBD approach
12:30-13:15	BREAK						

◆ plenary lecture

◇ oral presentation

* Programme Schedule is on GMT +3 Time Zone

HALL-I		HALL-II		HALL-III	
SESSION XXXIII Clinical Pharmacy ◆◆		SESSION XXXIV Pharmaceutical Chemistry ◆◆		SESSION XXXV Pharmacognosy ◆◆	
Chair	Aygin Bayraktar Ekincioglu Aysu Selçuk	Chair	Hülya Akgün Esin Akı-Yalçın	Chair	İlkay Erdoğan Orhan Alper Gökbulut
13:15-13:55	◆ Sui Yung Chan Medication dysphagia: focus group pilot study on pharmacists' knowledge, attitudes & practices	13:15-13:55	◆ Claudio Santi Promising inhibitors targeting Mpro: selenium based compounds with anti-SARS-CoV-2 activity	13:15-13:55	◆ Francesco Cimino Potential mechanisms underlying the protective effects of anthocyanins in metabolic syndrome and related disorders
13:55-14:05	◆ Aslinur Albayrak Evaluation of Parental Knowledge, Attitudes and Practices Regarding Antibiotic Use in Acute Upper Respiratory Tract Infections in Children	13:55-14:35	◆ Marco Lucio Lolli Innovative Dihydroorotate Dehydrogenase (hDHODH) clinical ready inhibitors as pan-coronavirus (SARS-CoV-2) antivirals: targeting the unexpected with innovation	13:55-14:35	◆ Ketut Adnyana Role of <i>Centella asiatica</i> , Aerobic exercise and its combination in women with mild cognitive impairment
14:05-14:15	◆ Elif Aras Atik Opinions of cancer patients towards the COVID-19 vaccine				
14:15-14:25	◆ Nilay Aksoy Evaluation of the psychological burden of COVID-19 pandemic on young adult population				
14:25-14:35	◆ Zeynep Ulku GUN Assessment of the proper inhaler technique in asthma and COPD patients				
		14:35-14:45	◆ Agnese Chiara Pippione Multiple-targeting ligands against prostate cancer: Effect on both AKR1C3 enzyme and androgen receptor	14:35-14:45	◆ Murat Erdoğan Bioactivity-guided isolation of cytotoxic compounds from the underground parts of <i>Valeriana alliarifolia</i> Adams
		14:45-14:55	◆ Arianna Gelain Functionalized nanoparticles as potential antibiofilm agents	14:45-14:55	◆ Sila Ozlem Sener Determination of caffeine content in world coffees by new validated HPLC method and investigation of the relationship between caffeine content and lipase inhibition

- ◆ plenary lecture
◇ oral presentation

* Programme Schedule is on GMT +3 Time Zone

		14:55-15:05	<p>◇ Bayan Alkhawaja</p> <p>Next generation monoclonal antibodies: Novel approach to attain diagnostic and therapeutic immunoconjugates</p>	14:55-15:05	<p>◇ Fatma Tuğçe Güragaç Dereli</p> <p>In the fight against bacteria: aerial parts of <i>Peganum harmala</i> L.</p>
		15:05-15:15	<p>◇ Miyase Gözde Gündüz</p> <p>Thiourea-based inhibitors of Mycobacterium tuberculosis growth and enoyl acyl carrier protein reductase</p>	15:05-15:15	<p>◇ Elif Begüm Yıldırım</p> <p>A comparative analysis on antioxidant properties, phenolic composition and HPTLC examination of <i>Sideritis scardica</i> spp. <i>scardica</i> infusion and hydroalcoholic extract</p>
15:15-16:30	POSTER SESSION III				
16:30-18:00	<p>WORKSHOP</p> <p>“Employability Of The Graduates Of The Faculty Of Pharmacy In Europe”</p> <p>Luciano Saso Sibel Süzen Lilian M. Azzopardi Claire Anderson İlkay Erdogan Orhan Nilhan Uzman</p>				

◆ plenary lecture
◇ oral presentation

* Programme Schedule is on GMT +3 Time Zone

FRIDAY, JUNE 25

HALL-I		HALL-II		HALL-III	
SESSION XXXVI Biochemistry ◇		SESSION XXXVII Analytical Chemistry ◇		SESSION XXXVIII Pharmaceutical Technology ◇	
Chair	Aslı Koç	Chair	Bengi Uslu Nafiz Öncü Can	Chair	Nilüfer Tarımcı F. Ulya Badıllı
10:30-10:40	◇ Arzu Zeynep Karabay Role of exosomal miRNAs in imatinib resistance of chronic myeloid leukemia	10:30-10:40	◇ Işıl Gazioğlu Simultaneous determination of febuxostat and montelukast in human plasma by using fabric phase sorptive extraction and high performance liquid chromatography	10:30-10:40	◇ Juste Baranauskaitė-Ortasoz Production and characterization of omeprazole loaded Na alginate/polyvinylpyrrolidone films by electrospinning and solvent casting techniques
10:40-10:50	◇ Sevde Nur Biltekin Investigation of in vitro antioxidant, cytotoxic and mutagenic activities of essential oil derived from <i>Lavandula angustifolia</i> cultivated in Turkey	10:40-10:50	◇ Songül Ulusoy Chromatographic determination of irinotecan residues in urine samples by using a new synthesized sorbent material	10:40-10:50	◇ Kıvılcım Öztürk Atar Detection of reactive oxygen species in skin with microneedles
10:50-11:00	◇ Mehmet Berköz Prophylactic effect of myricetin and apigenin against lipopolysaccharide-induced acute liver injury	10:50-11:00	◇ Halil İbrahim Ulusoy Fabric phase sorptive extraction followed by HPLC-PDA detection for the monitoring of pirimicarb and fenitrothion pesticide residues	10:50-11:00	◇ Ahmet Doğan Ergin Stability enhancement of S-adenosyl-L-methionine through nanoformulation approach
11:00-11:10	◇ Fikriye Atasoy Determination of the fibrinogenolytic activity of <i>Montivipera raddei</i> (Radde's Mountain Viper) venom by polyacrylamide gel electrophoresis	11:00-11:10	◇ Sercan Yıldırım Microwave-assisted in situ synthesis of a novel deep eutectic solvent for the liquid-liquid microextraction of beta blockers	11:00-11:10	◇ Ismail Aslan Liposomal antiaging formulation studies containing some probiotic combination
11:10-11:20	◇ Tuba Taşkan Brain-derived neurotrophic factor levels in breast cancer	11:10-11:20	◇ Aydin Oznur In vitro DNA and BSA interaction of antiviral drug tenofovir by spectral methods	11:10-11:20	◇ Afife Büşra Uğur Kaplan Development and optimization of sulphamethoxazole nanosuspension formulations
		11:20-11:30	◇ Reyhan Sena Gügercin New schiff base ligand-complexes as carbonic anhydrase and cholinesterase enzyme inhibitors: synthesis, characterization, and in vitro / in silico evaluation	11:20-11:30	◇ Bülent Samancı Formulation and Characterization of Resveratrol Loaded Self-Microemulsifying Drug Delivery Systems (SMEDDS) for Topical Drug Delivery

◆ plenary lecture
◇ oral presentation

* Programme Schedule is on GMT +3 Time Zone

		11:30-11:40	◆ Selin Işık Effect of geographical differences on thymoquinone content and cytotoxicity of black cumin seeds	11:30-11:40	◆ Gülin Amasya Design and evaluation of semi-solid lipid nanoparticles as novel nanocosmeceutical			
		11:40-11:50	◆ Burhan Ceylan Development of A New HPLC method for the determination of mesalazine in human plasma and application to a pharmacokinetic study	11:40-11:50	◆ Ceren Yetgin Niclosamide loaded niosome for topical applications: development and in vitro characterization			
		11:50-12:00	◆ Saniye Özcan LC-MS/MS and LC-DAD methods for robust determination of glycerol phenylbutyrate in biological fluids and high-resolution mass spectrometric identification of forced degradation product	11:50-12:00	◆ Esra Kodan Preparation and characterization of bigel systems containing ciclopirox and urea			
		12:00-12:10	◆ Duygu Taşkin Assessment of antioxidant and anticancer activities of <i>Achillea phrygia</i> extract loaded chitosan nanoparticles	12:00-12:10	◆ Yağmur Akdağ Human serum albumin nanoparticles for targeted cancer therapy			
		12:10-12:20	◆ Merve Eryılmaz Quantitative pyrrolidonyl arylamidase assay for group a <i>Streptococcus pyogenes</i> detection with image analysis	12:10-12:20	◆ Sema Arısoy ACE2 loaded cationic liposomes for COVID-19 treatment			
		12:20-12:30	◆ Nevena Djajić QSRR-ANN modelling in β -CD-modified RP-HPLC	12:20-12:30	◆ Gülderen Karakuş Design, fabrication and characterization of surface modified halloysite/polymer nanocomposite and its 5-fluorouracil conjugates			
12:30-13:30	CLOSING CEREMONY							
14:00-18:00	<h2 style="color: red;">PANEL</h2> <h3 style="color: red;">“İLAÇ VE AŞI GELİŞTİRME SÜREÇLERİNDE ÜNİVERSİTE-SANAYİ-KAMU İŞBİRLİĞİ”</h3> <table border="1" style="width: 100%; text-align: center;"> <tbody> <tr> <td style="width: 33%;"> <p style="color: red;">Prof. Dr. Hasan MANDAL Doç. Dr. Tolga KARAKAN Dr. Ecz. Nihan BURUL BOZKURT Prof. Dr. Erhan AKDOĞAN Doç. Dr. Rabia ÇAKIR KOÇ</p> </td> <td style="width: 33%;"> <p style="color: red;">Prof. Dr. Asuman BOZKIR Prof. Dr. Mayda GÜRSEL Prof. Dr. Rana SANYAL Prof. Dr. Hülya AYAR KAYALI</p> </td> <td style="width: 33%;"> <p style="color: red;">Dr. Süha TAŞPOLATOĞLU Dr. Hasan Ersin ZEYTİN Dr. Ecz. Ferhat FARŞI</p> </td> </tr> </tbody> </table>					<p style="color: red;">Prof. Dr. Hasan MANDAL Doç. Dr. Tolga KARAKAN Dr. Ecz. Nihan BURUL BOZKURT Prof. Dr. Erhan AKDOĞAN Doç. Dr. Rabia ÇAKIR KOÇ</p>	<p style="color: red;">Prof. Dr. Asuman BOZKIR Prof. Dr. Mayda GÜRSEL Prof. Dr. Rana SANYAL Prof. Dr. Hülya AYAR KAYALI</p>	<p style="color: red;">Dr. Süha TAŞPOLATOĞLU Dr. Hasan Ersin ZEYTİN Dr. Ecz. Ferhat FARŞI</p>
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◆ plenary lecture

◇ oral presentation

* Programme Schedule is on GMT +3 Time Zone

ISOPS-13 POSTER PROGRAMME

TUESDAY, JUNE 22 POSTER SESSION I (16:50-17:50)

HALL-I		HALL-II		HALL-III	
Pharmaceutical Technology (A)		Pharmaceutical Chemistry (B)		Pharmacology (C) Clinical Pharmacy (D)	
Chair	F. Ulya Badıllı	Chair	Zühal Kılıç Kurt	Chair	Işıl Özakça Gündüz
POSTER No	A1-A15	POSTER No	B1-B15	POSTER No	C1-C6 D1-D15

WEDNESDAY, JUNE 23 POSTER SESSION II (15:15-16:15)

HALL-I		HALL-II		HALL-III		HALL-IV	
Pharmaceutical Technology (A)		Pharmaceutical Toxicology (E)		Analytical Chemistry (F)		Pharmaceutical Botany (G) Phytotherapy (H) Pharmaceutical Microbiology (I)	
Chair	Zerrin Sezgin Bayındır	Chair	İlker Ateş	Chair	Sevinç Kurbanoğlu	Chair	Ceyda Sibel Kılıç Müjde Eryılmaz
POSTER No	A16-A30	POSTER No	E1-E10	POSTER No	F1-F25	POSTER No	G1-G6 H1-H2 I1-I4

THURSDAY, JUNE 24 POSTER SESSION III (15:15-16:30)

HALL-I		HALL-II		HALL-III		HALL-IV	
Biochemistry (J) Pharmacy Management (K)		Pharmaceutical Chemistry (B)		Pharmacognosy (L)		Pharmaceutical Technology (A) Biotechnology (M)	
Chair	Ecem Kaya Sezginer Selen Yeğenoğlu	Chair	Zühal Kılıç Kurt	Chair	Sinem Aslan Erdem	Chair	Burcu Devrim
POSTER No	J1-J10 K1-K6	POSTER No	B16-B30	POSTER No	L1-L26	POSTER No	A31-A44 M1-M5

- ◆ plenary lecture
- ◇ oral presentation