

SCIENTIFIC PROGRAM
INTERNATIONAL MULTIDISCIPLINARY SYMPOSIUM
ON DRUG RESEARCH & DEVELOPMENT (DRD 2026)

1st DAY ● OCTOBER 1, 2026 / Thursday	
11:00-13:30	Welcome-Registration
HALL - A	
13:30-14:00	OPENING CEREMONY Prof. İlkey KÜÇÜKGÜZEL, Ph.D. (Chair of DRD 2026) Dean of Faculty of Pharmacy, Fenerbahçe University, Türkiye Prof. Gülberk UÇAR, Ph.D. (Co-Chair of DRD 2026) President of The Society of Researchers in Pharmacy and Medicine (İLARUD), Türkiye Pharm. İrfan DEMİRCİ President of Turkish Pharmacists Association (TEB), Türkiye Hüseyin ÇELİK, M.Sc. President of Turkish Medicines and Medical Devices Agency (TİTCK), Türkiye A short performance by a classical music trio
14:00-15:00	OPENING PLENARY LECTURE Prof. Johan NEYTS, Ph.D. (Rega Institute of Medical Research, KU Leuven, Belgium) Small molecule antivirals for epidemic and pandemic preparedness
15:00-15:30	PLENARY LECTURE Prof. Buket AKSU, Ph.D. (Altınbaş University, Türkiye) Staying human in the robotic age: Ctrl+Alt+Empathy
15:30-16:00	COFFEE BREAK
Session-1	Infectious Diseases; Advances in Treatment and Innovations / Bulaşıcı Hastalıklar; Tedavideki Gelişmeler ve Yenilikler <i>(The presentations will be in Turkish)</i>
16:00-18:00	Prof. Ateş KARA, M.D. (Head of Türkiye Vaccine Institute, Hacettepe University, Türkiye)
	The Health Institutes of Türkiye Team (TÜSEB)
	Prof. Tanıl KOCAGÖZ, M.D. (Acıbadem University, Türkiye)
18:30-20:00	WELCOME RECEPTION

2nd DAY ● OCTOBER 2, 2026 / Friday

HALL - A		HALL - B		HALL - C		
Session-2	Natural Drugs and Phytopharmacy	Session-3	Multiomics, Bioanalysis, and Biosensors	Session-4	Oral Presentations	
09:30-10:00	Invited Lecture Prof. Muralikrishnan DHANASEKARAN, Ph.D. (Auburn University, USA) From natural bioactives to precision therapeutics: emerging strategies in drug discovery and development for neurological disorders	09:30-10:00	Invited Lecture (Online) Prof. Can DİNÇER, Ph.D. (Munich Technical University, Germany) Disposable sensors for next-generation healthcare and beyond	09:30-09:45	Oral Presentation-1	
10:00-10:30	Invited Lecture Prof. Olga Maria PALOMINO RUIZ-POVEDA, Ph.D. (University Complutense of Madrid, Spain) The legal landscape of European herbal drug regulations: understanding HMPD monographs	10:00-10:20	Oral Lecture (Online) Dr. Murat AKKURT ARSLAN, Ph.D. (University of South Florida, USA) From biomarkers to mechanisms: Advances in omics research in ocular surface and neurodegenerative diseases	09:45-10:00	Oral Presentation-2	
10:30-11:00	Invited Lecture Prof. Hasan KIRMIZIBEKMEZ, Ph.D. (Yeditepe University, Türkiye) The importance of phytochemical studies in the discovery of potential drug leads from natural products	10:20-10:50	Invited Lecture Prof. Nurhan ÖZLÜ, Ph.D. (Koç University,Türkiye) Biomedical applications of proteomics	10:00-10:15	Oral Presentation-3	
11:00-11:20	COFFEE BREAK				10:15-10:30	Oral Presentation-4
Session-5	Pharmaceutical Biotechnology and Living Drugs	Session -6	İLARUD-Prof. Dr. Ünsal Çalış Session <i>(The presentations will be in Turkish)</i>	Session-7	Oral Presentations	
11:20-11:50	Invited Lecture Prof. Gerrit BORCHARD, Ph.D. (University of Geneva, Switzerland) mRNA-based information medicines: A paradigm change	11:20-12:10	Prof. Sedef KIR, Ph.D. (İLARUD, Türkiye)	11:20-11:35	Oral Presentation-1	
11:50-12:20	Invited Lecture Assoc. Prof. Hasan AKBABA, Ph.D. (Ege University, Türkiye) A paradigm shift in pharmaceutical biotechnology: Lipid nanoparticle-mediated gene delivery		Prof. Selma SARAÇ TARHAN, Ph.D. (Başkent University, Türkiye)	11:35-11:50	Oral Presentation-2	
12:20-12:40	Oral Lecture Chem. Ömer Faruk FIRAT (Polifarma Pharmaceutical Industry, Türkiye) Antisense oligonucleotide technology		In memory of Turkish scientists we lost recently...	11:50-12:05	Oral Presentation-3	
12:40-13:00	Oral Lecture Assist. Prof. Derya DİLEK KANÇAĞI (Fenerbahçe University, Türkiye) From living cells to living drugs: Preclinical strategies			12:05-12:20	Oral Presentation-4	
13:00-14:00	LUNCH				12:20-12:35	Oral Presentation-5
13:00-14:00	POSTER SESSION					
Session-8	Nanomedicines and Nanomaterials	Session-9	Computational Methods and AI in Drug Design	Session-10	Oral Presentations	
14:00-14:30	Invited Lecture Prof. İ. Tuncer DEĞİM, Ph.D. (Biruni University, Türkiye) Carbon quantum dots as new therapy alternatives	14:00-14:30	Invited Lecture Prof. Kemal YELEKÇİ, Ph.D. (Kadir Has University, Türkiye) Discovery of novel peptidomimetic compounds with computational and experimental methods against tau protein aggregation in Alzheimer's disease: Utilizing an AI method for the determination of the crystal structure of tau	14:00-14:15	Oral Presentation-1	
14:30-15:00	Invited Lecture Assoc. Prof. Özgül GÖK ÖZATAY, Ph.D. (Acıbadem University, Türkiye) Drug-conjugated and pH responsive nanoparticles as targeted therapies	14:30-15:00	Invited Lecture Prof. Safiye SAĞ ERDEM, Ph.D. (Marmara University, Türkiye) From quantum chemistry to molecular docking and molecular dynamics: Computational case studies in the design of covalent inhibitors and multitarget-directed ligands	14:15-14:30	Oral Presentation-2	
15:00-15:20	Oral Lecture (Online) Viorica PATRULEA, Ph.D. (University of Geneva, Switzerland) When 1 + 1 is more than 2: Antimicrobial peptide dendrimer-chitosan synergy	15:00-15:20	Oral Lecture	14:30-14:45	Oral Presentation-3	
15:20-15:40	COFFEE BREAK				14:45-15:00	Oral Presentation-4
Session-11	Molecular Medicine, Biochemistry and Pharmacology	Session-12	Oral Presentations	Session-13	Oral Presentations	
15:40-16:10	Invited Lecture Prof. Luciano SASO, Ph.D. (Sapienza University, Italy) Modulation of oxidative stress: Pharmacological applications	15:40-15:55	Oral Presentation-1	15:40-15:55	Oral Presentation-1	
16:10-16:40	Invited Lecture Prof. Güliz ARMAĞAN, Ph.D. (Ege University, Türkiye) Targeting ferroptosis as a therapeutic strategy: From cancer cell death to neuroprotection	15:55-16:10	Oral Presentation-2	15:55-16:10	Oral Presentation-2	
16:40-17:00	Oral Lecture Prof. Ayşe ERCAN, Ph.D. (Hacettepe University, Türkiye)	16:10-16:25	Oral Presentation-3	16:10-16:25	Oral Presentation-3	
		16:25-16:40	Oral Presentation-4	16:25-16:40	Oral Presentation-4	
		16:40-16:55	Oral Presentation-5	16:40-16:55	Oral Presentation-5	

3 rd DAY ● OCTOBER 3, 2026 / Saturday					
HALL - A		HALL - B		HALL - C	
WORKSHOP (ÇALIŞTAY)	Licensing and Sustainability in Turkish Pharmaceutical Policy: A Look at New Regulations and the Future with the Turkish Medicines and Medical Devices Agency (TİTCK) (Türkiye İlaç Politikasında Ruhsatlandırma ve Sürdürülebilirlik: TİTCK ile Yeni Düzenlemelere ve Geleceğe Bakış) (The presentations will be in Turkish) Hüseyin ÇELİK (Türkiye İlaç ve Tıbbi Cihaz Kurumu Başkanı) TİTCK Daire Başkanları İlaç Endüstrisi İşverenler Sendikası (İEİS) Temsilcisi Araştırmacı İlaç Firmaları Derneği (AİFD) Temsilcisi Türkiye İlaç Sanayi Derneği (TİSD) Temsilcisi Türk Eczacıları Birliği (TEB) Temsilcisi İlaç Endüstrisi Temsilcileri Prof. Sevda ŞENEL, Ph.D.	Session -14	Drug Design, Synthesis and Development	Session-15	Oral Presentations
09:30-12:30		09:30-10:00	Invited Lecture Prof. Venkatesan JAYAPRAKASH, Ph.D. (Birla Institute of Technology, India) Exploiting conditionally essential proteins for the discovery of novel antimycobacterial agents	09:30-09:45	Oral Presentation-1
				09:45-10:00	Oral Presentation-2
		10:00-10:30	Invited Lecture (Online) Prof. Claudiu T. SUPURAN, Ph.D. (University of Florence, Italy) Carbonic anhydrase inhibitors- from anticancer agents to antibacterials	10:00-10:15	Oral Presentation-3
				10:15-10:30	Oral Presentation-4
		10:30-10:50	Oral Lecture Assoc. Prof. Gökçe CİHAN ÜSTÜNDAĞ, Ph.D. (İstanbul University, Türkiye) Spirothiazolidinone derivatives with pan-coronavirus activity and an nsp15-dependent antiviral mechanism	10:30-10:45	Oral Presentation-5
		10:50-11:10	COFFEE BREAK		
		Session -16	Pharmaceutical Toxicology and Pharmaceutical Microbiology	Session-17	Oral Presentations
		11:10-11:40	Invited Lecture (Online) Prof. Rafael Ruiz de la HABA, Ph.D. (Seville Universtiy, Spain) Living on a salty world: Insights after 40 years of study	11:10-11:25	Oral Presentation-1
				11:25-11:40	Oral Presentation-2
		11:40-12:10	Invited Lecture Prof. Sibel ÖZDEN, Ph.D. (İstanbul University, Türkiye) Epigenetics in drug development: From toxicological mechanisms to clinical translation	11:40-11:55	Oral Presentation-3
				11:55-12:10	Oral Presentation-4
		12:10-12:30	Oral Lecture Assoc. Prof. Sinem ÖKTEM OKULLU, Ph.D. (Acıbadem University, Türkiye) Bacterial extracellular vesicles in <i>H. pylori</i> infection: Microbial adaptation, toxic cargo, and therapeutic opportunities	12:10-12:25	Oral Presentation-5
12:30-14:00	LUNCH				
12:30-14:00	POSTER SESSION				
Session-18	Pharmacoeconomics, Pharmacy Management and Clinical Pharmacy	Session-19	Pharmaceutical Technology, Targeted Drug Delivery Systems, and Radiopharmaceuticals	Session-20	Oral Presentations
14:00-14:30	Invited Lecture Prof. Mesut SANCAR, Ph.D. (Marmara University, Türkiye) Optimizing antimicrobial stewardship: The role of the clinical pharmacist	14:00-14:30	Invited Lecture (Online) Prof. Clemens DECRISTOFORO, Ph.D. (Innsbruck Medical University, Austria)	14:00-14:15	Oral Presentation-1
				14:15-14:30	Oral Presentation-2
14:30-15:00	Invited Lecture Prof. Özlem Nazan ERDOĞAN, Ph.D. (İstanbul University, Türkiye) Pharmacy management in the digital age: Opportunities and threats	14:30-15:00	Invited Lecture Prof. Kevser Özgen ÖZER, Ph.D. (Ege University, Türkiye) Nanotechnological approaches in anti-inflammatory therapy	14:30-14:45	Oral Presentation-3
				14:45-15:00	Oral Presentation-4
15:00-15:30	Invited Lecture Assoc. Prof. Nilay AKSOY, Ph.D. (Altınbaş University, Türkiye) From data to decisions: Reimagining pharmacoeconomics in the age of artificial intelligence	15:00-15:20	Oral Lecture Dr. Gülçin ARSLAN AZİZOĞLU, Ph.D. (Georgia Institute of Technology, USA) Microneedle Technologies for Advanced Drug and Vaccine Delivery	15:00-15:15	Oral Presentation-5
				15:15-15:30	Oral Presentation-6
15:30-16:00	CLOSING CEREMONY				