



7th International Symposium on

ADVANCES IN PHARMACEUTICAL ANALYSIS

24-27 August 2025

Ankara University, Ankara, Türkiye

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SUNDAY - 24 August

	Hall A
09.30-11.00	Short Course Sandra Furlanetto, Emirhan Nemutlu Analytical Quality by Design
11.00-11.15	Coffee Break
11.15-13.15	Short Course Gustavo Rivas Sensor and Applications
13.15-14.15	Lunch
14.15-15.45	Short Course Fabiana Arduini, Erhan Zor Sensor and Applications
	Registration 14.00-17.45
	Hall A
	Chair: Gustavo Rivas
17.00-17.30	Opening Ceremony
17.30-18.15	PL-01 Bezhan Chankvetadze Recent Advances and Still Remaining Challenges in Understanding Chiral Recognition Mechanisms of Cyclodextrins
19.00-20.00	Welcome Reception Turkish Air Force Eagles of Jazz

MONDAY - 25 August

	Hall A	
	Chair: Zilin Chen	
09.00-09.45	PL-02 Guowang Xu Panoramic Analysis of Endogenous and Exogenous Small Molecules and Study on Their Health Effects	
09.45-10.15	Coffee Break	
	Hall A	Hall B
	Chairs: Fabiana Arduini, Ugur Tamer	Chairs: Onur Parlak, Qionglin Liang
10.15-10.45	KL-01 Alberto Escarpa Micromotors for Collective Bioassays	KL-02 Sandra Furlanetto The Versatility of Analytical Quality by Design: Empowering Advanced Methods and Citizen Science Tools
10.45-11.15	KL-03 Zeynep Altintas Bioinspired Smart Materials for Virus Detection, Separation, and Filtration	KL-04 Ilkay Erdogan Orhan Detecting Adulteration in Dietary Supplements for Consumer's Health- The Prominent Role of Analytical Methods
11.15-11.35	IL-01 Guojun Zhang Graphene-based field-effect transistor biosensors for highly sensitive detection of exosomes	IL-02 Liqin Zhang Evolution of aptamer-based molecular tools for pharmaceutical target analysis
11.35-11.50	OP-01 Meltem Okan Aydin A Hybrid CoS2/Ketjen Black Modified Electrode for the Electrochemical Detection of Sertraline Hydrochloride	OP-02 Aslihan Algan Development of a Validated RP-HPLC Method for the Determination of Rutin from Phospholipid-Based Drug Delivery Systems
11.50-12.05	OP-03 Nyccolas de Souza PalmSens OEM: from the Lab to the Market	OP-04 Nisa Karaaslan Targeting Neutral Sphingomyelinase with Benzazole Derivatives
12.05-13.30	<i>Lunch and Vendor Seminars</i> CAS- Gorkem Mergen Enhance your research with CAS Sciencefinder Discovery Platform	<i>Lunch and Vendor Seminars</i> Mettler Toledo- Furkan Ermut Data Integrity- Data Transformation

MONDAY - 25 August

	Hall A	Hall B
	Chairs: Zeynep Altintas, Xian Chan Li	Chairs: Ilkay Erdogan Orhan, Liqin Zhang
13.30-14.00	KL-05 Onur Parlak Transdermal Sensing of Disease Biomarkers Enabled by Epidermal Microneedle Patch	KL-06 Qionglin Liang Organoid/organ on a chip for pharmaceutical application
14.00-14.15	OP-05 Yeseren Saylan Cryogel-Based Microneedle Patches: Design, Fabrication, and Characterization for Pharmaceutical Applications	KL-07 Zhaowei Zhang Study on the control & Prevention of Echinococcosis
14.15-14.30	OP-06 Burcu Eroglu Development of a Label-Free Impedimetric Immunosensor Based on Disposable ITO-PET Electrode for Sensitive Detection of Alpha-Fetoprotein	
14.30-14.45	OP-07 Vildan Sanko Enhanced Sertraline Sensing on Mn3O4-Acetylene Black Modified SPCE: A Facile Electrochemical Approach	OP-08 Munteha Nur Sonuc Karaboga Sensitive Electrochemical Determination of Haptoglobin Using a Portable and Disposable Biosensing Platform
14.45-15.00	OP-09 Burcak Demirbakan A Novel Biosensor Approach for FSH-B Detection: Electrochemical Design Based on p-Benzoquinone-Modified ITO-PET Electrode	OP-10 Maruf Demirel Preparation, Characterization and Investigation of Tetracycline Release Kinetics Of Pectin-Based Interpenetrating Hydrogel Network Wound Dressing Materials.
15.00-16.30	Coffee Break and Poster Session (APA-P-01 ;APA-P-35)	
	Chair: Sheng Li Han	Chairs: Haibo Zhou
16.30-16.45	OP-11 Atilla Bozdag Removal of erythrosin dyestuff on g-C ₃ N ₄ @Co ₃ O ₄ @Fe ₃ O ₄ Nanocomposite	OP-12 Nilay Kahya Drug Release from Nanoclay Bentonite-Alginate Films Loaded with Diclofenac Sodium for Wound Dressing Applications
16.45-17.00	OP-13 Erkan Yilmaz Determination and removal of active pharmaceutical ingredients and organic pollutants on multifunctional nanomaterials	OP-14 Goksu Ozelikay Akyildiz Construction of an electrochemical immunosensor based on carbon nanotubes for efficiently sensing CD133
18.00-18.40	Ankara State Performing Arts Ensemble	

TUESDAY - 26 August

	Hall C	
	Chair: Guowang Xu	
09.00-09.45	PL-03 Zilin Chen Capillary electrochromatography and molecular probes for pharmaceutical and biomedical analysis	
09.45-10.15	Coffee Break	
	Hall C	Hall D
	Chairs: Waleed Alahmad, Hamed Golmhammedi	Chairs: Cheng Zhi Huang, Cecilia Cristea
10.15-10.45	KL-08 Fabiana Arduini Paper-based electrochemical biosensors for smart and sustainable analyses	KL-09 Szabolcs Beni Analytical Characterization of Cyclodextrin-Based Antidotal Strategies: Capturing Natural Aminosteroid Phytotoxins with Sugammadex
10.45-11.15	KL-10 Suna Timur Nanostructured Interfaces for Electrochemical Sensing and Smart Diagnostics: Merging Separation Techniques with Functional Nanomaterials	KL-11 Zhengjin Jiang Bio-separation and dynamic modification analysis of antibody drugs based on epitope-mimetic peptide recognition technology
11.15-11.35	IL-03 Stefano Cinti Exploiting the features of paper-based platforms to advance portable diagnostics	IL-04 Shengli Han Discovery of novel EGFR antagonists based on deep learning combined with cell membrane chromatography
11.35-11.50	OP-15 Amal Rabti Advanced Electrochemical Platforms Based on Modified Laser-Induced Graphene for Faradaic and Non-Faradaic Capacitive Detection of Food Contaminants	OP-16 Semra Akgonullu A Plasmonic Sensing Platform Based on Molecularly Imprinted Polymers (MIPs) for Highly Sensitive Urinary Cocaine and Its Major Metabolite Detection
11.50-12.15	Symposium Photo	

TUESDAY - 26 August

	Hall A	Hall B	
12.15-13.30	<i>Lunch and Vendor Seminars</i> Mettler Toledo- Özgür Çökelek Equipment Qualification of Balances for USP and EP Regulations	<i>Lunch and Vendor Seminars</i> LiKrom-Ezgi Irem Sibirolglu Waters® “MaxPeak™ High Performance Surface” Technology	
	Hall C	Hall D	Hall E
	Chairs: Stefano Cinti, Guojun Zhang	Chairs: Szabolcs Beni, Khaldun Al Azzam	
13.30-14.00	KL-12 Gerhard K. E. Scriba Capillary Electrophoresis Enantioseparations in Pharmaceutical Analysis	KL-13 Cheng Zhi Huang ATP Nano-Spectral Probes: Deciphering Cellular Society Signaling via the Dynamics of Intracellular Energy Flow	
14.00-14.20	IL-05 Jian-Lin Wu Key Technologies of Comprehensive Components Analyses of Complex Systems (CCACS) and their application in pharmaceutical science	IL-06 Gamze Güney Eskiler Hybrid Heroes: Lipid-Polymer Nanoparticles in the Battle against Cancer	İlaç Endüstrisinde Güncel Analitik Yaklaşımlar Paneli
14.20-14.35	OP-17 Mohamed Zouari A Simple Immunoassay-Based Electrochemical Tool for 5-Fluorouracil Monitoring in Personalized Chemotherapy	OP-18 Canan Ozyurt Development of a Novel Colorimetric Aptasensor for Sarcosine Detection	
14.35-14.50	OP-19 Zeynep Kalaycioglu Targeted Determination of Nitrate and Nitrite in Baby Foods: A Sample Stacking–Capillary Electrophoresis Approach for Infant Toxicological Risk Monitoring	OP-20 Hacı Mehmet Kayili Salivary and Serum IgG Glycosylation as Non-Invasive Biomarkers of Biological Age: Emphasis on Saliva Stability	
14.50-16.30	Coffee Break and Poster Session (APA-P-36 ;APA-P-72)		

TUESDAY - 26 August

	Hall C	Hall D	Hall E
	Chairs: Jian Lin Wu, Suna Timur	Chairs: Esen Bellur Atici, Majlinda Vasjari	
16.30-17.00	KL-14 Yanmin Zhang Natural Products Screening Targeting Trop2 by CMC-MS and their Repression on Breast Cancer Metastasis via Blocking Trop2/β-catenin Feedback Loop	KL-15 Paola Peluso Modelling cyclodextrin-based chiral selectors and their complexes with chiral pharmaceuticals	İlaç Endüstrisinde Güncel Analitik Yaklaşımlar Paneli
17.00-17.15	OP-21 Rafik Kalfat Impact of Amlodipine Association on Candesartan's Stability: A Physicochemical Evaluation and Forced Degradation Kinetic	OP-22 Khaldun Mohammad Al Azzam Synthesis and Characterization of Mitiglinide Loaded β, γ-Cyclodextrins/Alginate Nanoparticles as a Novel Drug Delivery System Against Lung Cancer and Theoretical Calculation of their Inclusion Complexes	
17.15-17.30	OP-23 Hasan Caliskan Darbepoetin alpha Displayed an Antidepressant-like and Anti-neuroinflammatory Effect by Regulating Proinflammatory cytokine, BDNF, and Neurotransmitters in Male Rats	OP-24 Waleed Alahmad Gel Electromembrane Extraction: The Movement from Extraction to Sensing. Application for colorimetric Detection of Cephalexin.	
19.30-22.00	Gala Dinner		

İlaç Endüstrisinde Güncel Analitik Yaklaşımlar Paneli

Tarih: 26 Ağustos 2025

Saat: 14:00

ICH Q2(R2) Kılavuzu Çerçevesinde Analitik Yöntem Validasyonunda Güncel Yaklaşımlar

Konuşmacı: Prof. Dr. Sibel A. Özkan — Ankara Üniversitesi

ICH Q14 Analitik prosedür geliştirme ve gereklilikleri

Konuşmacı: Prof. Dr. Emirhan Nemutlu — Hacettepe Üniversitesi

Analitik Yöntem Validasyonunda Hesaplamalar ve Bilgisayar Destekli Uygulamalar

Konuşmacı: Doç. Dr. M. Gökhan Çağlayan — Ankara Üniversitesi

Kahve Arası

BY/BE İn Vitro Analitik Yöntem Validasyonunda Kritik Parametreler

Konuşmacı: Doç. Dr. Mehmet Gümüştaş — Ankara Üniversitesi

İlaçlarda Safsızlık (Impurity) Analizleri

Konuşmacı: Doç. Dr. Ayşegül Doğan — Hacettepe Üniversitesi

İlaç Ürünlerinde Özütlenebilirlik ve Sızdırabilirlik (Extractables and Leachables) Çalışmaları

Konuşmacı: Prof. Dr. Emirhan Nemutlu — Hacettepe Üniversitesi

Soru-Cevap Oturumu

Panel sonunda, tüm konuşmaların ardından katılımcıların sorularının yanıtlanacağı ortak bir Soru-Cevap oturumu gerçekleştirilecektir.

WEDNESDAY - 27 August

	Hall A	
	Chair: Salvatore Fanali	
09.00-09.45	PL-04 Bezhan Chankvetadze Analysis of isomeric drugs of abuse: Current challenges and possible solutions	
09.45-10.15	Coffee Break	
	Hall A	Hall B
	Chairs: Emirhan Nemutlu, Nafiz Oncu Can	Chairs: Mehmet Atakay, Erhan Zor
10.15-10.45	KL-16 Cecilia Cristea New Insights into Aptamers: Unraveling Their Selection Processes and Exploring Their Role in Diagnosis&Therapy	KL-17 Majlinda Vasjari Modified CPE with -rGO@Me for water pollutants detection
10.45-11.15	KL-18 Esen Bellur Atici Impurities in Drugs: Sources, Challenges, and Control Strategies	KL-19 Ugur Tamer Bacteriophage based pathogen detection for rapid infection diagnosis
11.15-11.35	IL-07 Xianchan Li In-Situ Single Vesicle Analysis for Neurotransmission and drug development	IL-08 Hamed Golmohammadi Smart Optical Sensors for eDiagnostics and eMonitoring
11.35-11.55	IL-09 Ammad Ahmad Farooqi Realizing the true potential of Natural products as Futuristic Pharmaceuticals for Cancer Treatment	IL-10 Haibo Zhou Application of Surface-enhanced Raman Spectroscopy in Disease Biomarker Detection
11.55-12.10	OP-25 Pelin Senel Voltammetric Quantification and Analysis of the Interaction between Levetiracetam and DNA	OP-26 Ozlem Kemer Aycan Profile of Cerebral Dopaminergic Neurotrophic Factor (CDNF) Levels in Different Neuroanatomical Regions of The Brain from Early Postnatal Period to Adolescence
	Hall A	
12.10-13.10	Lunch and Vendor Seminar EBSCO- Ugurcan Ozkan Solutions from EBSCO: OA Article Publishing, AI Based Research and Drug Info Tool	

WEDNESDAY - 27 August

	Hall A	Hall B
	Chairs: Zhengjin Jiang, Zeynep Altintas, Fabiana Arduini, Suna Timur	Chairs: Esen Bellur Atici, Gerhard Scriba, Guowang Xu, Zilin Chen
13.10-13.20	YS-01 Beril Sena Kaya Molecularly Imprinted Electrochemical Sensor for Selective Determination of Paclitaxel in Complex Matrices: A Serum-to-Pharma Approach	YS-02 Vera Olicheva Sequential HRMS Data Mining: Automated Data Ordering and TrendBased Ion Filtering
13.20-13.30	YS-03 Zeynep Aydemir Development and Fabrication of a Molecularly Imprinted Polymer-Based Electrochemical Sensor for the Determination of Ivermectin	YS-04 Begum Demir Development of HPLC Analysis Method For Tigecycline Loaded Formulation
13.30-13.40	YS-05 Ahmed Isa Development of an Electrochemical Sensor Based on Molecularly Imprinted Polymers for Sensitive and Selective Detection of Pomalidomide	YS-06 Ayşe Nur Buke Micro-CT Analysis of 3D-Printed Chitosan Films: Evaluation of the Effect of Infill Pattern, Density, Layer Number and Crosslinking
13.40-13.50	YS-07 S. İrem Kaya Exploring the Electrochemical Behavior of Vismodegib and Fabrication of a Selective MOF-MIP Sensor for Determination	YS-08 Armineh Deljavan Ghodrati Development and Evaluation of BRAF Inhibitor Loaded Nanofiber Formulations for Targeted Therapy of Malignant Melanoma
13.50-14.00	YS-09 Seyda Nur Samanci Electrochemical Fingerprinting of Abacavir Using a Nanomaterial Integrated Smart MIP Sensor with Enhanced Selectivity	YS-10 Tilbe Cevikelli Development and Characterization of Mucoadhesive Buccal Films Containing Juniperus oxycedrus Extract
14.00-14.10	YS-11 Merve Yence Indicator Displacement Assay for Opioid Analgesics	YS-12 Ayşe Oktay Selection of the Components using Van Krevelen and Hofzter Theory for the Rational Design of Fusidic Acid Nanoemulsions
14.10-14.20	YS-13 Ozum Ozoglu Electrochemical Detection of Foodborne Escherichia coli with Pencil-Drawn Paper-Based Biosensors	YS-14 Setareh Dorreh Molecularly Imprinted Polymer-Based Voltametric Sensor for Etoposide: A Smart Approach for Precise Chemotherapeutic Drug Detection
14.20-14.30	YS-15 Melike Akan Development of Molecularly Imprinted Polymer-Based Electrochemical Sensor for Agromonitoring of Captan Detection in Apple Sample	YS-16 Hatice Demirtas Formulation and Experimental Design-Based Optimization of Rosuvastatin Calcium-Loaded Lipid Nanoparticles

WEDNESDAY - 27 August

14.30-15.10	Coffee Break
	Open Air Ceremony Hall
	Chair: Bezhan Chankvetadze
15.10-15.50	PL-05 Gustavo Rivas Assembling Functionalized Carbon Nanomaterials as Lego Pieces to Build Electrochemical Sensors
15.50-16.30	Awards Ceremony / Closing Remarks

POSTER PROGRAM

APA-P-1	Investigation of the antibacterial activity results of glycyrrhizic acid molecule against <i>S. aureus</i> in vitro in combination with ciprofloxacin drug active ingredient and in silico results <u>Necmettin Berk</u> (Sivas Cumhuriyet University, Türkiye); Okan Aykac (Sivas Cumhuriyet University, Türkiye)*; Irem Bozbey Merde (Inonu University, Türkiye)
APA-P-2	Investigation of Phytochemical Content of Some Extracts of <i>Asparagus officinalis</i> L. Plant by GC-MS/MS Method and COX-2 Molecular Docking Studies Okan Aykac (Sivas Cumhuriyet University, Türkiye)*; Fatih Bugdayli (Sivas Cumhuriyet University, Türkiye); <u>Necmettin Berk</u>(Sivas Cumhuriyet University, Türkiye)
APA-P-3	Simultaneous Electrochemical Detection of Natural Antioxidants Using DES-Modified NaOH Nanorod/PGE <u>Berna Dalkiran</u> (Ankara University, Türkiye), Havva Bekiroglu Atas (Ankara University, Türkiye)
APA-P-4	Cytotoxic Properties and Phytochemical Composition of the Aerial Parts of <i>Omphalodes cappadocica</i> (Willd.) DC. <u>Icim Gokkaya</u> (Karadeniz Technical University, Türkiye)*; Ceylan Hepokur (Sivas Cumhuriyet University, Türkiye); Gulin Renda (Karadeniz Technical University, Türkiye); Elif Karaman (Karadeniz Technical University, Türkiye); Okan Aykac (Sivas Cumhuriyet University, Türkiye); Oguz Cakir (Dicle University, Türkiye); Abbas Tarhan (Dicle University, Türkiye); Mustafa Abdullah Yilmaz (Dicle University, Türkiye)
APA-P-5	Potential cytotoxic effects of <i>Heliotropium hirsutissimum</i> Weber in breast cancer <u>Icim Gokkaya</u> (Karadeniz Technical University, Türkiye)*; Okan Aykac (Sivas Cumhuriyet University, Türkiye); Ceylan Hepokur (Sivas Cumhuriyet University, Türkiye); Derya Cicek Polat (Ankara University, Türkiye); Gulin Renda (Karadeniz Technical University, Türkiye)
APA-P-6	A Hybrid Bi2O3-Halloysite Nanotube Modified SPE for Enhanced Electrochemical Sensing of Enrofloxacin <u>Vildan Sanko</u> (METU MEMS Center, Türkiye)*, Meltem Okan (METU MEMS Center, Türkiye)
APA-P-7	Electroanalytical Method for the Determination of Cabozantinib: Application to Pharmaceutical Dosage Forms and Biological Fluid <u>Farah Elbarghathi</u> (Ankara University, Türkiye)*; Doga Ekin Orhan (Ankara University, Türkiye); Ahmet Cetinkaya (University of Health Sciences, Türkiye); Esen Bellur Atici (Deva Holding A.S, Türkiye); Sibel A. Ozkan (Ankara University, Türkiye); Burcu Dogan Topal (Ankara University, Türkiye)
APA-P-8	Development and Validation of an HPLC Method for Irinotecan and Paroxetine in Polymeric Nanoparticles <u>Semra Durak</u> (Firat University, Türkiye)*; Ceren Bozmaoglu (Ankara University, Türkiye); Ozge Esim (Ankara University, Türkiye); Mehmet Gumustas (Ankara University, Türkiye); Canan Hascicek (Ankara University, Türkiye)
APA-P-9	Elemental Composition and Heavy Metal Assessment of Commercial Medicinal Herbs Using ICP-OES Can Cimen (Lokman Hekim University, Türkiye); <u>Aysun Dince</u> (Lokman Hekim University, Türkiye)*

	Design of a new electrochemical aptasensor based on conjugated polymer-coated graphene paper for the detection of di-2-ethylhexyl phthalate in oil samples
APA-P-10	<u>Elif Burcu Aydin</u> (Namik Kemal University, Türkiye)*; Muhammet Aydin (Tekirdağ Namik Kemal University, Türkiye); Mustafa Kemal Sezgenturk (Çanakkale Onsekiz Mart University, Türkiye)
	A Fast, Practical, and Selective Electrochemical Sensor for the Determination of L-Tryptophan
APA-P-11	Aysenur Yilmaz Kabaca (Çankiri Karatekin University, Türkiye); Melike Bilgi Kamac (Çankiri Karatekin University, Türkiye); <u>Ayşenur Ozturk</u> (Çankiri Karatekin University, Türkiye)*; Merve Yilmaz Cilcar (Çankiri Karatekin University, Türkiye)
	Development of a sensitive and cost-effective electrochemical method for the analysis of daprodustat using two different electrodes
APA-P-12	<u>Ensar Piskin</u> (Ankara University, Türkiye)*; Ahmet Cetinkaya (University of Health Sciences, Türkiye); Esen Bellur Atici (Gebze Technical University, DEVA Holding A.S, Türkiye); Sibel A. Ozkan (Ankara University, Türkiye)
	Antibiotic Analysis in Beverage Samples Using Molecularly Imprinted Polymer-Based Electrochemical Sensor
APA-P-13	<u>Fatma Budak</u> (Ankara University, Türkiye)*; Ahmet Cetinkaya (Health Sciences University, Türkiye); Mehmet Altay Unal (Ankara University, Türkiye); Sibel A. Ozkan (Ankara University, Türkiye)
	Sensitive detection and electrochemical evaluation of the pulmonary arterial hypertension drug selexipag in pharmaceutical and biological samples using a glassy carbon electrode
APA-P-14	<u>Berfu Bekmez</u> (Ankara University, Türkiye)*; Fatma Budak (Ankara University, Türkiye); Ahmet Cetinkaya (Health University, Türkiye); Esen Bellur Atici (DEVA Holding, Türkiye); Sibel A. Ozkan (Ankara University, Türkiye)
	Development of Nanomaterial-Supported Molecularly Imprinted Polymer-Based Electrochemical Sensor for the Determination of Glycopyrronium Bromide in Biological Fluids and Pharmaceutical Formulations
APA-P-15	<u>Zehra Dogan</u> (Ankara University, Türkiye)*; Ensar Piskin (Ankara University, Türkiye); Ahmet Cetinkaya (University of Health Sciences, Türkiye); Esen Bellur Atici (Gebze Technical University, DEVA Holding A.S, Türkiye); Sibel A. Ozkan (Ankara University, Türkiye)
	Voltammetric Analysis and Electrochemical Behavior Investigation of Migraine Treatment Agent Rimegepant on Boron-Doped Diamond Electrode
APA-P-16	<u>Beyza Unal</u> (Ankara University, Türkiye)*; Ahmet Cetinkaya (University of Health Sciences, Türkiye); S. Irem Kaya (University of Health Sciences, Türkiye); Esen Bellur Atici (DEVA Holding A.S., Türkiye); Sibel A. Ozkan (Ankara University, Türkiye)
	Development of Molecularly Imprinted Polymer-Based Electrochemical Sensor for Determination of Macrolide Antibiotic in Beverages and Environmental Samples
APA-P-17	<u>Shima Esteki</u> (Ankara university, Türkiye)*; Fatma Budak (Ankara University, Türkiye); Ahmet Cetinkaya (University of Health Sciences, Türkiye); Sibel A. Ozkan (Ankara University, Türkiye)

POSTERS / 25 August 2025

	A Practical and Cost-effective ITO-PET Based Immunosensor System for Glial Fibrillary Acidic Protein Detection
APA-P-18	<u>Burcu Eroglu</u> (Çanakkale Onsekiz Mart University, Türkiye)*; Mehmet Altay Unal (Ankara University, Türkiye); Mustafa Kemal Sezginturk (Çanakkale Onsekiz Mart University, Türkiye); Sibel A. Ozkan (Ankara University, Türkiye)
	A Self-Assembled Monolayer-Based Biosensor for Aflatoxin B1: Design, Optimization and Application
APA-P-19	<u>Burcak Demirbakan</u> (Çanakkale Onsekiz Mart University, Türkiye)*; Ahmet Cetinkaya (University of Health Sciences, Türkiye); Mehmet Altay Unal (Ankara University, Türkiye); Evrim Gunes Altuntas (Ankara University, Türkiye); Mustafa Kemal Sezginturk (Çanakkale Onsekiz Mart University, Türkiye); Sibel A. Ozkan (Ankara University, Türkiye)
	A Compact and Practical Electrochemical Biosensor Design for On-Site Monitoring of Retinol Binding Protein
APA-P-20	<u>Munteha Nur Sonuc Karaboga</u> (Tekirdağ Namik Kemal University Faculty of Health Sciences, Türkiye)*; Mustafa Kemal Sezginturk (Çanakkale Onsekiz Mart University Bioengineering, Türkiye)
	Niobium Carbide Nanoplate- Supported MIP-Based Electrochemical Sensor for Highly Selective and Sensitive Detection of Deucravacitinib
APA-P-21	<u>Mohammed Adnan Abdulsalam</u> (Ankara university, Türkiye)*; Ensar Piskin (Ankara University, Türkiye); Ahmet Cetinkaya (University of Health Sciences, Türkiye); Aytekin Uzunoglu (Istanbul Technical University, Türkiye); Esen Bellur Atici (DEVA Holding A.S., Türkiye); Mehmet Gokhan Caglayan (Ankara University, Türkiye); Sibel A. Ozkan (Ankara University, Türkiye)
	Assay Analysis Method and Validation for Calcium Channel Blocker Drug Used in the Treatment of High Blood Pressure
APA-P-22	<u>Filiz Demir</u> (İstanbul University, Türkiye)*; Serdar Unlu (Ali Raif İlaç Sanayi A.Ş., Türkiye); Zeynep Sahin (Ali Raif İlaç Sanayi A.Ş., Türkiye); Furkan Oguz Yuksel (Ali Raif İlaç Sanayi A.Ş., Türkiye)
	Sensitive Liquid Chromatography/Tandem Mass Spectrometry Method for the Determination of Melatonin and Tasimelteon
APA-P-23	<u>Alperen Sunnetci</u> (Anadolu University, Türkiye)*, Hazal Avci (Anadolu University, Türkiye); Abeer Elris (Anadolu University, Türkiye); Saniye Ozcan (Anadolu University, Türkiye); Serkan Levent (Anadolu University, Türkiye); Nafiz Oncu Can (Anadolu University, Türkiye)
	Development and Characterization of Eudragit RS 100-Based Nanoparticles Stabilized by Poloxamer 188 via Double Emulsion Solvent Evaporation Method: Impact of Formulation Parameters and Brimonidine Tartrate Loading
APA-P-24	<u>Hasan Can Hoser</u> (Anadolu University, Türkiye)*; A. Alper Ozturk (Anadolu University, Türkiye)
	Determination of Electrochemical Behaviour of Acalabrutinib Using Glassy Carbon and Boron-Doped Diamond Electrode and Application to Real Samples
APA-P-25	<u>Pinar Kocabay</u> (Ankara University, Türkiye)*; Ahmet Cetinkaya (University of Health Sciences, Türkiye); Esen Bellur Atici (Deva Holding, Türkiye); Sibel A. Ozkan (Ankara University, Türkiye)

Anthracene-Functionalized MCM-41 sensors for array sensing of ATP

APA-P-26

Elcin Ezgi Ahi (Gebze Technical University)*; Estela Climent Terol (Universidad Polit cnica de Valencia, Spain); Cansu Beyret (Ankara University, T rkiye); Mehmet Gokhan Caglayan (Ankara University, T rkiye); Burak Coban (Ankara University, T rkiye); Rezzak Yilmaz (Ankara University, T rkiye); Ram n Mart nez-M  ez (Universidad Polit cnica de Valencia, Spain); Mahmut Durmus (Gebze Technical University)

Novel Benzimidazolium Salts And Their Silver (I)-N-Heterocyclic Carbene Complexes: Synthesis, Characterization, And Their Biological Properties

APA-P-27

Zeyneb Belhi (Tahri Mohamed University, Bechar)*, H. Karci ( n n  University, T rkiye); M. Dundar ( n n  University, T rkiye); N. Gurbuz ( n n  University, T rkiye);  . Ozdemir ( n n  University, T rkiye);  . Ozdemir ( n n  University, T rkiye); Abdelkrim Cheriti (Tahri Mohamed University, Bechar)

Development and Validation of a Quantitative Analytical Method for Tranexamic Acid

APA-P-28

Seval Guner (Ege University, T rkiye)*; B. Demir (Ege University, T rkiye); S.Y. Karavana (Ege University, T rkiye)

Design of a Robust Electrochemical Sensor on Gold Nanoparticles-Supported Molecularly Imprinted Polymer-Based for Lifitegrast Detection

APA-P-29

Zeynep Alakus (Duzce University, T rkiye)*; Ahmet Cetinkaya (University of Health Sciences, T rkiye); Esen Bellur Atici (DEVA Holding, T rkiye); Sibel A. Ozkan (Ankara University, T rkiye)

A Low-Cost Paper-Based Electrochemical Sensor with Carbon Nanofiber and Gold Nanorod Modification for L-Dopa Determination

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Ceren Kacar Selvi (Ankara University, T rkiye); Pinar Esra Erden (Ankara Haci Bayram Veli University, T rkiye)*

Formulation and characterization of oil in water emulsion based on hyaluronic acid and natural extract for potential use in wound healing

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Souha Ben Mahmoud (ISBST, Tunisia); Rim Dimassi (OPALIA PHARMA, Tunisia); Ghazi Bekri (OPALIA PHARMA, Tunisia); Rafik Kalfat (INRAP, Tunisia); Haykel Galai (INRAP, Tunisia)

A Study on The Antibacterial Activity of Different Extracts from Elaeagnus rhamnoides (L.) A. Nelson Growing on T rkiye

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Gizem Arik (Ankara Medipol University, T rkiye)*; Duygu Sevim Tatar (University of Health Sciences, T rkiye)

Development and Validation of a UV Spectrophotometric Method for Quantification of Brimonidine Tartrate in Acetone:Water and Simulated Tear Fluid Media

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Hasan Can Hoser (Anadolu University, T rkiye)*; A. Alper Ozturk (Anadolu University, T rkiye)

Comparison of bare glassy carbon electrode and newly developed TiO2/MWCNT/ GCE voltammetric sensors for the detection of roxithromycin

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Nida Aydogdu Ozdogan (Afyonkarahisar Health Sciences University, T rkiye)*; Ersin Demir (Afyonkarahisar Health Sciences University, T rkiye); Sibel A. Ozkan (Ankara University, T rkiye)

Quality by Design-based HPLC Method for Estimation of Tasimelteon in Human Plasma and M10 Bioanalytical Validation

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Ekin Aydin (Anadolu University, T rkiye)*; Abeer Elris (Anadolu University, T rkiye); Hazal Avci (Anadolu University, T rkiye); Saniye Ozcan (Anadolu University, T rkiye); Serkan Levent (Anadolu University, T rkiye); Nafiz Oncu Can (Anadolu University, T rkiye)

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