# ICANAS 2025 CONFERENCE PROGRAMME

## FIRST DAY 28 October 2025

**Registration (12:00-16:00)**

**Welcome party (16:00-17:00)**

## SECOND DAY 29 October 2025

| 29.10.2025 Wednesday | | HALL A | | HALL B | | HALL C | | HALL D |
|---|---|---|---|---|---|---|---|---|
| 09.00-09.45 | **OPENING CEREMONY** | | | | | | | |
| 09.45-10.15 | **MOU Ceremony** | | | | | | | |
| 10.15-10.30 | **Cocktail** | | | | | | | |
| 10.30-11.10 | **HALL A Keynote Speaker: Prof. Dr. İlkay ERDOĞAN ORHAN (CHAIR: Prof. Dr. Giuseppe CAMPIANI )** | | | | | | | |
| 11.15-11.45 | **HALL A Assoc. Prof. Dr. Zeliha ÖZDEMİR KÖKEN (TÜSEB) (CHAIR: Assoc. Prof. Dr. Fazile Nur EKİNCİ AKDEMİR)** | | | | | | | |
| 11.45-12.15 | **HALL A Batuhan YEŞİLYURT (TÜSEB) (CHAIR: Assoc. Prof. Dr. Akın AKINCIOĞLU)** | | | | | | | |
| 12.15-13.00 | **LUNCH** | | | | | | | |
| 13.00-13.15 | **Chair: Assoc. Prof. Dr. Gülçin GÜLER ÖZTEKİN** | Understanding the Roots of Psychological Well-Being and Its Consequences<br>**Murat YILDIRIM** | **Chair: Prof. Dr. Alexander PEJCEV** | Generalization of Nabla Fractional Sums and Differences in Discrete Fractional Calculus<br>**Pshtiwan Othman MOHAMMED** | **Chair: Prof. Dr. Savaş KAYA** | Investigation of Thermal Conductivity in Ethylene Glycol-Based Nanofluids Containing $Er_2O_3$ and $Co_3O_4$ Nanoparticles<br>**Monther ALSBOUL** | **Chair: Prof. Dr. İbrahim HAN** | Measurement of Electromagnetic Fields Emitted from Base Stations and Evaluation of the Results in Terms of Public Health<br>**Ebru SENEMTAŞI ÜNAL** |
| 13.15-13.30 | | The Comparative Role of 2D vs. 3D Cell Culture Methods in Cancer Research<br>**Selma YILDIRIM** | | Classifying soluble group by using weakly c-normal subgroup and program Gap<br>**Jehad JARADEN** | | Three Phase Partitioning for simultaneous Extraction and Characterization of Polysaccharides, Peroxidase and Oil Acids from Soybeans(Glycine max (L.))<br>**Rahime ALTINTAŞ** | | Determining the Knowledge, Attitudes and Behaviors of the Personnel Working in the Faculty of Dentistry about Risks and Hazard<br>**Ebru SENEMTAŞI ÜNAL** |
| 13.30-13.45 | | Evaluation of the Antioxidant Potential of Ilex paraguariensis Extracts<br>**Büşra Nur BAYINDIRLI** | | Error bounds of positive interpolatory quadrature rules for functions analytic on ellipses<br>**Miodrag SPALEVIC** | | Synthesis of The 2-Alkylamino-4,5-Dihydroimidazole Compounds<br>**Aslı Elif KULOĞLU** | | Examination of Occupational Health and Safety Policies in Strategic Plans of Universities: A Comparative Analysis of Developed and Developing Countries<br>**Pınar BAYKAN** |
| 13.45-14.00 | | Apoptotic Mechanisms of the Repositioned Antipsychotic Drug Thioridazine Hydrochloride in Papillary Thyroid Cancer Cells<br>**Ayşen SAĞNAK** | | A new class of quadrature rules for estimating the error in Gauss quadrature<br>**Stefan SPALEVIC** | | Alterations in GLIPR1 and TP53 Gene Expression: Anticancer Potential of E. virgata in HT-29 Colon Carcinoma and Healthy CCD-18Co Cell Lines<br>**Tuğba AĞBEKTAŞ** | | Integration of Health and Safety into the Design Process in the Construction Industry<br>**Pınar BAYKAN** |
| 14.00-14.40 | **HALL A Keynote Speaker: Prof. Dr. Giuseppe CAMPIANI (Chair: Prof. Dr. Rahime ŞİMŞEK)** | | | | | | | |

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| 14.45-15.00 | Chair: Prof. Dr. Fevzi TOPAL | Determination of Periostin and Dkk1 Levels in Osteopenia and Osteoporosis: Their Role in Differential Diagnosis | Chair: Prof. Dr. Kürşat AKBULUT | Fractional Integral Inequalities via Atangana–Baleanu Operators on Co-ordinates | Chair: Prof. Dr. Eda BALKAN | Assessment of Nutritional and Toxic Element Content in Fruits from Giresun: Implications for Dietary Intake and Human Health Risks | Chair: Assoc. Prof. Dr. Burak ALAYLAR | Identification of Pathogenic Bacteria in Cabbages and Characterization of Their Specific Bacteriophages |
| | | **Zübeyir HUYUT** | | **Sinan ASLAN** | | **Mehmet Emin Şeker** | | **Ersin AKGÖLLÜ** |
| 15.00-15.15 | | Cathepsin-K and Sclerostin as Potential Biochemical Markers for the Differential Diagnosis of Osteopenia and Osteoporosis | | Fractional Inequalities of Milne-Type for Twice Differentiable strongly s-convex Functions | | Identification of Sheep, Goat, and Cow Milk Using Near-Infrared (NIR) Spectroscopy | | Alleviation of Nickel-Induced Oxidative Stress in Maize (Zea mays L.) through Salicylic Acid and EDTA Treatments |
| | | **Murat SAYGIN** | | **Sinan ASLAN** | | **Hüseyin Efe GENİŞ** | | **Kadriye URUÇ PARLAK** |
| 15.15-15.30 | | In Silico Investigation of BRAF Target Protein of Vemurafenib Derivatives | | Efficient Implementation of The Residual Function for Solving Systems of Ordinary Differential Equations | | Gamification Interventions in Sexual and Reproductive Health Education: Impacts on Knowledge, Attitudes, and Student Engagement | | Screening Approaches for Detecting Biosurfactant Production |
| | | **Dilara TOĞRUL** | | **Aliaa BURQAN** | | **Ebru SOLMAZ** | | **Sümeyra GÜRKÖK** |
| 15.30-15.45 | | Exploring Cell Death Pathways Triggered by Chalcone Complex and Valproic Acid in Papillary Thyroid Cancer Cells | | Continuity, Openness, and Closedness on Raw Binary Structures | | A Rare Case: Elastofibroma Dorsi on the Back | | A Bibliometric Analysis of Precision Livestock Farming Technologies |
| | | **Halime Sena EKMEKÇİ** | | **Ayşenur KAHRAMAN** | | **Mahmut Baran YERLİKAYA** | | **İremnur AYDIN** |
| 15.45-16.25 | **HALL A Keynote Speaker: Prof. Dr. Şükrü BEYDEMİR (CHAIR: Prof. Dr. António Sousa PEREIRA)** | | | | | | | |
| 16.25-17.05 | **HALL A Keynote Speaker: Prof. Dr. Uğur BOZKAYA (CHAIR: Prof. Dr. İlkay ERDOĞAN ORHAN)** | | | | | | | |
| 17.05-17.15 | **COFFEE BREAK** | | | | | | | |
| 17.15-17.30 | Chair: Assoc. Prof. Dr. Akın AKINCIOĞLU | Estimation of the Antioxidant, Antidiabetic, Anti-Alzheimer and Antiglaucoma Effects of Eminium rauwolffii (Blume) Schott var. rauwolffii Species: Polyphenolic Profiling by LC-MS/MS Chromatography | Chair: Prof. Dr. Ali ÇAKMAK | A new generalization of Oresme sequences: biperiodic Oresme-Lucas sequence | Chair: Assist. Prof. Dr. Murat KIZILKAYA | Emergency Cesarean Anesthesia in a Patient with Guillain-Barré Syndrome: A Case Report | Chair: Prof. Dr. İbrahim HAN | IoT-Based PI Control for Wireless Voltage Regulation in DC-DC Converters |
| | | **Hasan KARAGEÇİLİ** | | **Hasan GÖKBAŞ** | | **Fatma OKUCU** | | **Ahmet ÖZMEN** |
| 17.30-17.45 | | Synthesis of New Sulfonamide Derivatives and Investigation of Their Inhibitory Effects against hCA I/II, AChE, and BChE Enzymes by In Silico and In Vitro Approaches | | The Mathematical Structure and Representations of (t,s)-Oresme and (t,s)-Oresme-Lucas Numbers | | Cesarean Section Is a Risk Factor That Prevents Organ Transplantation by Increasing the Development of Anti-HLA Antibodies in Women | | Monte Carlo Evaluation of $LaBr_3$ and BGO Scintillation Detectors for Gamma-Ray Spectroscopy |
| | | **Ahmet ÇAĞAN** | | **Hasan GÖKBAŞ** | | **Gökhan AKYÜZ** | | **Ekrem ALMAZ** |
| 17.45-18.00 | | The synthesis of a series of Novel Bissulfonamide Derivatives and The Investigation of their Effects as Inhibitors Against hCA III, AChE and BChE Enzymes | | Exploring Condition Number, Singular Value Decomposition (SVD) For Data Compression with Geometric and Symmetric Geometric Rhaly Terraced Matrices | | Endoscopy-Assisted Seton Placement: A Novel Technique for the Treatment of Anal Fistula | | Investigation of Antioxidant and Cellular Protective Molecules as Novel Candidates for Radiation Protection |
| | | **Ahmet ÇAĞAN** | | **Bahar KULOĞLU** | | **Adem ASLAN** | | **Bünyamin AYGÜN** |
| 18.00-18.15 | | Synthesis and Biological Activities of Pyrazole-Linked Sulfonamide-Containing Compounds | | k-Vieta-Fibonacci Sequence and Application to Hyperbolic Quaternions | | Investigation of the Effects of Novel Bicyclic Molecules Containing an Imidazole Ring on Apoptotic, Autophagic, ER Stress, and DNA Repair Systems in Glioblastoma Cells | | Development of Phenolic Resin Based Composite Materials and Determination of Radiation Shielding Properties |
| | | **Çetin BAYRAK** | | **Engin ÖZKAN** | | **Filiz TAŞPINAR** | | **Bünyamin AYGÜN** |

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| 18.15-18.30 | Chair: Assoc. Prof. Dr. Bünyamin AYGÜN | Structural Insights into Iodoacetamide-Mediated Inactivation of Campylobacter jejuni GAPDH | Chair. Prof. Dr. Fikret ALIEV | Integrating Mathematical Modeling into Classroom Practices to Support Mathematics Learning | Chair: Assoc. Prof. Dr. Burak ALAYLAR | Investigation of the Bioethanol Production Potential of Cold-Adapted Yeast Strains Isolated from Palandöken Mountain | Chair: Assoc. Prof. Dr. Emrah TIRAŞ | QCD Predictions of Higgs and Vector Bosons in the LCH and FCC Frontiers |
| | | **Adnan AYNA** | | **Erkan KOCA** | | **Emine Berra YILMAZ** | | **Kamuran DİLSİZ** |
| 18.30-18.45 | | Modulation of Diclofenac-Induced Cell Death by Chrysin in HT-29 Cells | | Internality of averaged Gauss quadrature rules for Jacobi measures modified by quadratic divisor | | Effects of N-Acetyl-L-Cysteine (NAC) Application on the Expression Levels of Stress-Related Genes in Lactuca sativa under Copper (Cu) Stress | | AI-Based Fault Detection in Solar Panels for Sustainable Energy Management |
| | | **Adnan AYNA** | | **Velimir KOROCIC** | | **Nur Sinem ARAZ** | | **Mücahit ÇALIŞAN** |
| 18.45-19.00 | | Integrated Bioinformatics and Experimental Validation Reveal Hub-Gene–Driven Drug Resistance in Lung Cancer | | Fekete-Szegö Functional of A Subclass of Bi-Univalent Functions Associated with Gegenbauer and Horadam Polynomials | | Antibiotic Resistance Evaluation of Plant Growth-Promoting Rhizobacteria (PGPR) Isolated from Erzurum for Biofertilizer Development | | Explainable AI-Based Cloud Image Classification for Weather Forecasting |
| | | **Ekrem DARENDELİOĞLU** | | **Fou'd AL-ALKARAKI** | | **Mehmet KARADAYI** | | **Mücahit ÇALIŞAN** |
| 19.00-19.15 | | Integrated In Silico and In Vitro Profiling of Drug Resistance Targets in NSCLC | | Realization algorithm for defining fractional order in oscillating systems with liquid dampers | | The role of astaxanthin in maintaining genomic template stability against metal stress | | Sensor-Camera Data Fusion for Improved Environmental Perception for Autonomous Vehicles |
| | | **Ekrem DARENDELİOĞLU** | | **İrade ALIYEVA** | | **İlknur ÇOLAK** | | **Barış BORU** |
| 29 October | **SPECIAL SESSION FOR "29 OCTOBER REPUBLIC DAY"** | | | | | | | |
| 19:23 | **HALL A Speaker: Prof. Dr. Yakup KARATAŞ (The source of sovereignty in Türkiye from the Ottoman Empire to the Republic Period)** | | | | | | | |

## THIRD DAY 30 October 2025

| 30.10.2025 THURSDAY | | HALL A | | HALL B | | HALL C | | HALL D |
|---|---|---|---|---|---|---|---|---|
| 08.15-08.30 | Chair: Prof. Dr. Murat GÜNEY | Harnessing Rapid Hosts and Unconventional Biodiversity: Vibrio natriegens as a Next-Generation Factory for Plastic-Degrading Biocatalysts | Chair: Prof. Dr. Kürşat AKBULUT | Some remarks on Golden-Walker Manifolds | Chair: Assoc. Prof. Dr. Gülpınar ASLAN | Rearrangement of Valence Orbital Occupations in Chromium-Nickel Alloys | Chair: Assoc. Prof. Dr. Sümeyra GÜRKÖK | Work-Related Musculoskeletal Disorders and Affecting Factors Among Orthopaedic Surgeons: A Literature Review |
| | | **Ersin KARATAŞ** | | **Çağrı KARAMAN** | | **Emine NARMANLI HAN** | | **Sirer ALBAYRAK** |
| 08.30-08.45 | | Green Synthesis of Silver Nanoparticles Using Samandağ Pepper (Capsicum annuum): Characterization, and Investigation of the Antimicrobial Effects | | On manifolds with Walker-Tachyon metrics | | Are Rumination and Self-Compassion Associated with Sleep Disturbance in Older Adults? | | Bioremoval of Malachite Green Dye from Aqueous Solutions Using Acer pseudoplatanus L. Fruits Biosorbent; Isotherm, Kinetic and Thermodynamic Studies |
| | | **Rüya SAĞLAMTAŞ** | | **Sedanur ADIYAMAN** | | **Burcu DEMİR GÖKMEN** | | **Ekrem GÜLLÜCE** |
| 08.45-09.00 | | Synthesis and characterization of Zinc oxide nanoparticles obtained from *Olea europaea* leaves via green synthesis | | On FLWR type metric with a Golden Structure | | Investigation of the Effect of Internship Practice on Nursing Students' Attitudes Toward Clinical Practice and Their Therapeutic Communication Skills | | Bioremoval of Congo Red Dye from Aqueous Solutions by Acer negundo Biosorbent; Isotherm and Kinetic studies |
| | | **Emre Erden KOPAR** | | **Betül ALAN** | | **Neşe AYKUT** | | **Ekrem GÜLLÜCE** |
| 09.00-09.15 | | Green synthesis of copper oxide nanoparticles using *Matricaria chamomilla* plant extract and characterization | | On Walker Manifold with circulant structure | | Turkish adaptation of the test to asses the psychological dependence on smoking: A validity and reliability study | | Biodiversity and Faunal Composition of Lake Van and Its Surroundings |
| | | **Kader KELLE** | | **Zeliha GEZER** | | **Ayşe Berivan BAKAN** | | **Burcu ERGÖZ AZİZOĞLU** |
| 09.15-09.30 | | Inhibition Effects of White Honey on Some Metabolic Enzymes | | Fermi-Walker Derivation for Some Special the Vector Fields | | Physiological Foundations of ERAS Protocols in Cardiac Surgery: Perioperative Nursing Approaches in Terms of Surgical Stress, Mobilization, Fluid Balance, and Pain Management | | Coastal Waterfowl Potential of the Göründü Delta (Lake Van Basin/Van) |
| | | **Yaşar HASANOĞLU** | | **Ali ÇAKMAK** | | **Volkan GÖKMEN** | | **Erkan AZİZOĞLU** |

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| 09.30-09.45 | Chair: Prof. Dr. Sevim Beyza ÖZTÜRK SARIKAYA | Construction of Benzohydrazide- and Benzamide-Linked New Thieno[3,2-d]pyrimidin-4-ones with Potential Pharmacological Relevance | Chair: Assoc. Prof. Dr. Abdullah ÇAĞMAN | The Complex-type Fibonacci-circulant p-sequences | Chair: Assoc. Prof. Dr. Gülpınar ASLAN | The Effect of Paternal Skin-to-Skin Contact After Cesarean Section on the Breastfeeding Process: Randomized Controlled Study | Chair: Assoc. Prof. Dr. Murat YILDIRIM | Social Anxiety and Internet Addiction among Turkish University Students: A Chain Mediation Model of Loneliness and Rumination |
| | | **Aytekin KÖSE** | | **Özgür ERDAĞ** | | **Rumeysa ÖZAYABAKAN** | | **Gülçin GÜLER ÖZTEKİN** |
| 09.45-10.00 | | Determination of the Uptake of Selenium in the Samples of Garlic Grown Hydroponically | | On the Solvable Residuals and Involutions of Maximal Subgroups Of Sp(8,r) | | The effect of oketani massage on breastfeeding success and breast engorgement in mothers delivering by cesarean section: randomized controlled study | | The Effect of Assistive Technology-Based Science Instruction on Attitudes and Motivation for Individuals with Disabilities |
| | | **Ümmügülsüm POLAT KORKUNÇ** | | **Zehra ÇELİK KARADENİZ** | | **Emine Serap ÇAĞAN** | | **Aydın KIZILASLAN** |
| 10.00-10.15 | | Nutraceutical and Therapeutic Potential of the Poisonous Plant Spartium junceum (Spanish Broom) | | Sttructural and self-similarity properties of higher-order Horadam numbers | | Evaluation of multi-trait plant growth promoting parameters of endophytic bacteria and fungi isolated from Origanum vulgare L. ssp. Vulgare | | In Silico Evaluation of Apitoxin Components as Anticancer Agents Against Human Breast Tumor Cell Line (MCF-7) |
| | | **Yusuf BIÇAKÇI** | | **Bahar KULOĞLU** | | **Yüksel DİL** | | **Yusuf GÜLŞAHİN** |
| 10.15-10.30 | | An Investigation on Ferula communis L. (Apiaceae) Extracts: Antioxidant and Antiradical Activities, and Phenolic Analysis via LS-MS/MS | | Fractional Calculus and Artificial Intelligence in the Modeling and Control of Mechatronic Systems | | Modeling Road Accident Severity in Amman Using Random Parameters Ordered Probit and Integrated Survey–GIS Analysis | | Perforated Jejunal Diverticulosis: A Rare Cause of Acute Abdomen |
| | | **Leyla POLAT KÖSE** | | **Abdüllatif YALÇIN** | | **Mahmoud ALBATTAH** | | **Harun BAYRAM** |
| 10.30-10.45 | **COFFEE BREAK** | | | | | | | |
| 10.50-11.30 | **HALL A Keynote Speaker: Assoc. Prof. Dr. Emrah TIRAŞ (CHAIR: Prof. Dr. Kamuran DİLSİZ)** | | | | | | | |
| 11.30-12.10 | **HALL A Keynote Speaker: Assoc. Prof. Dr. Maria Emilia SOUSA (CHAIR: Prof. Dr. Maria Alessandra RAGUSA)** | | | | | | | |
| 12.10-13.00 | **LUNCH** | | | | | | | |
| 13.00-13.15 | Chair: Assoc. Prof. Dr. Aykut ÖZTEKİN | Inhibitory Potential of Flavonoid-Sulfonamide Hybrids Against Carbonic Anhydrase Isoforms: Bioassays and Docking Studies | Chair: Assoc. Prof. Dr. Abdullah ÇAĞMAN | Analysis of the Water Pollution Model via Fractional Operator | Chair: Assoc. Prof. Dr. Mehmet KARADAYI | Antiapoptotic Effects of Bergenin Against Lead Acetate-Induced Hepatotoxicity | Chair: Prof. Dr. Kadriye URUÇ PARLAK | Determination of Some Transmembrane Proteins in the Digestive Tract of the Van Fish (Alburnus tarichi Güldenstädt, 1814) During Reproductive Migration |
| | | **Şeyma TAŞBAŞI** | | **Mustafa Ali DOKUYUCU** | | **Medine Sibel KARAĞAÇ** | | **Elif ÖRĞİ** |
| 13.15-13.30 | | Determination of the Inhibitory Effects of Some Heavy Metal Nitrates on Lactoperoxidase Enzyme in Goat Milk | | The Role of Mathematical Models in Improving Mathematics Achievement | | Protective Effect of Bergenin Against Lead Acetate-Induced Testicular Oxidative Stress and Inflammation | | Extending the Shelf Life of Cimin Grapes with Reducing Atmosphere Packaging Method |
| | | **Züleyha ALMAZ** | | **Nalan DOKUYUCU** | | **Esra Nur YEŞİLKENT** | | **Reyhan ÖZKAN** |
| 13.30-13.45 | | Investigation of the Antioxidant and Enzyme Inhibitory Effects of Autumn Mandrake (Mandragora Autumnalis) | | Analyzing Epidemic Dynamics through the Atangana-Strength Number | | Isolation and Molecular Characterization of an Azo Dye Degrading Pseudomonas BC1 Strain from Erzurum | | Endophytic Bacteria Obtained from Viscum album L. Collected from Bolu province |
| | | **Esra ELBİR** | | **İlknur KOCA** | | **Yusuf GÜLŞAHİN** | | **Zeynep ÖZAYDINLIK** |
| 13.45-14.00 | | Antioxidant and Enzyme Inhibitory Potential of the Water Extract of Red Calyces of Hibiscus sabdariffa L. | | Mathematical Modeling and Analysis of the Poem “Living Like Nothing” | | Identification of Potential Human Targets of Azorubine (E122, Carmosine) by in silico Target Fishing and Molecular Docking Approaches | | Optimization of Indole-3-Acetic Acid Production Capacity of Enterobacter sp. Bacteria Isolated from Various Extreme Areas |
| | | **Lale DUYSAK** | | **Burak ARMAĞAN** | | **Şeyma AKSU** | | **Yüksel DİL** |
| 14.00-14.40 | **HALL A Keynote Speaker: Prof. Dr. Gökhan ZENGİN (CHAIR: Prof. Dr. Şükrü BEYDEMİR)** | | | | | | | |

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| 14.45-15.00 | Chair: Assoc. Prof. Dr. Çetin BAYRAK | π–π Stacked Quercetin/Graphene Electrodes for High-Performance Supercapacitors | Chair: Prof. Dr. Miodrag SPALEVIC | A Linear-Time Approach to Single-Node Dominator Detection in SESE Graphs | Chair: Prof. Dr. Ahmet Ocak AKDEMİR | Automatic Detection of Clinical Signs of Foot and Mouth Disease in Cattle with YOLO Based Image Processing | Chair: Prof. Dr. İlkay ERDOĞAN ORHAN | Effects of Triacontanol on Apoplastic Antioxidant System in Wheat Seedlings Under Raxil Fungicide |
| | | **Ertuğrul CEYRAN** | | **Davorka JANDRLIC** | | **Burak KOÇAK** | | **Deniz TİRYAKİ** |
| 15.00-15.15 | | Natural Carbonic Anhydrase Inhibitors: hCA-I and hCA-II Inhibition by Xanthium strumarium Leaf and Fruit Extracts | | Investigation of Limit of Functions on Topological Spaces via Ideals | | An Extended complex valued Banach space | | Investigation of the Applicability of Essential Oils of Chenopodium album Plant in Dermocosmetic Formulations |
| | | **İlknur Ceyda ÇELİK** | | **Ufuk KAYA** | | **Faisal ALKASSASBEH** | | **Sılanur ÖZDOĞAN** |
| 15.15-15.30 | | Calcium–Alginate Beads of Tarragon (Artemisia dracunculus) Aqueous Extract: Formulation, Characterization, and Herniarin Quantification | | Error bounds for Gauss quadrature rules with respect to some modifications of Jacobi weight functions | | Computational algorithm to solution of linear quadratic optimal control problem in oscillating systems with liquid dampers | | Proteomic Discovery of Antimicrobial Peptides from Galleria mellonella Larvae: Novel Biotechnological Strategies for Combating Multidrug Resistance and Enhancing Food Preservation |
| | | **Tuba AYDIN** | | **Alexander PEJCEV** | | **Fikret ALIEV** | | **Ülkü ÜREYEN ESERTAŞ** |
| 15.30-15.45 | | Awareness and Knowledge of Dermocosmetic Products: Evidence from Patients and Relatives Visiting Community Pharmacies | | Temperley-Lieb Algebra from Potts Model to Knots | | Vectorial Inverse Nodal Analysis for Singular Diffusion Equations | | Investigation of Potential Biomarkers in Multiple Myeloma through mRNA Expression Analysis |
| | | **Dilan ÖZMEN ÖZGÜN** | | **Ali ÇAKMAK** | | **Abdullah ERGÜN** | | **Murat KIZILKAYA** |
| 15.50-16.30 | **HALL A Keynote Speaker: Prof. Dr. Maria Alessandra RAGUSA (Chair: Prof. Dr. Zakia HAMMOUCH)** | | | | | | | |
| 16.30-17.10 | **HALL A Keynote Speaker: Prof. Dr. Savaş KAYA (CHAIR: Prof. Dr. Mohammed Quazzani JAMIL)** | | | | | | | |
| 17.15-17.30 | Chair: Prof. Dr. Zübeyir HUYUT | Design, Synthesis and Evaluation of Rasagiline and Phenethylamine Based Novel Urea Derivatives as Antioxidant Agents and Cholinesterases Inhibitors | Chair: Prof. Dr. Jehad Al JARADEN | Matrices Corresponding to (2,n) Torus Knot | Chair: Prof. Dr. Erhan SET | New Inequalities via the ψ-Fractional Integral Operator Involving Functions with Bounded Ratios | Chair: Prof. Dr. Ekrem ALMAZ | High-Accuracy Tuberculosis Diagnosis with Vision Transformer and Explainable AI Techniques |
| | | **Pınar KALIN** | | **Ceren Sultan ELMALI** | | **Mehtap AYDİN** | | **Erdal BAŞARAN** |
| 17.30-17.45 | | Dual Inhibition Effect of Acetylcholinesterase and Butyrylcholinesterase by Sulfonamide Substituted Urea Derivates: In Vitro Activity and Antioxidant Properties | | Some Notes on the Metric (E^4=I)-Manifolds | | Integral Inequalities Derived by Means of Fractional Integral Operators for Bounded Functions | | Arrhythmia Detection from ECG Signals Using Gradient Boosting Algorithms |
| | | **Neslihan AYDEMİR** | | **Sibel TURANLI** | | **Mustafa GÜRBÜZ** | | **Erdal BAŞARAN** |
| 17.45-18.00 | | Investigation of the Antioxidant Capacity of Arum Maculatum L. Collected from the Erzurum-Hınıs Region | | Certain formulas associated with some quadruple hypergeometric functions | | Some Integral Inequalities Established by Means of a Fractional Integral Operator for Convex Functions | | Microstructural Evolution of Al-Si Alloys Produced by Powder Metallurgy: The Role of Silicon Content and Sintering Temperature |
| | | **Zeynebe BİNGÖL** | | **Ayed Al e'damat** | | **Rahşan NACİTAVHAM** | | **Mustafa VAROL** |
| 18.00-18.15 | | Carbon Supported Silver-Nickel Nanocomposites and Catalytic Applications | | Comparison of Missing Data Imputation Methods in Financial Time Series | | Integral inequalities for Non-Newtonian Preinvex Functions | | Properties of Conformable Fractional Lindley Probability Distribution |
| | | **Melike SEVİM** | | **Ahmad W. AWAJAN** | | **Alper EKİNCİ** | | **Ma'mon Abu HAMMAD** |

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| 18.15-18.30 | Chair: Prof. Dr. Hülya AKINCIOĞLU | Inhibitory Effect of Tetrafluoronaphthalene–Triazole Derivatives on Acetylcholinesterase and Their Potential in Alzheimer's Disease Treatment | Chair: Prof. Dr. Mustafa GÜRBÜZ | Improved Fractional Hermite-Hadamard-Jensen-Mercer Type Inequalities Utilizing Constants λ and μ | Chair: Prof. Dr. Engin ÖZKAN | Balancing-like Polynomials | Chair: Assoc. Prof. Dr. Pınar BAYKAN | Microstructural and Mechanical Properties of Equiatomic Al–Ti–Cr Alloys Produced by Mechanical Alloying |
| | | **Neslihan BALCI** | | **Çetin YILDIZ** | | **Beyza TEKEOĞLU AKKAYA** | | **Abdulhadi KOŞATEPE** |
| 18.30-18.45 | | Determination of the Antioxidant, Antidiabetic, Anticholinesterase, and Antidepressant Potentials of Seed Coat (Testa) and Kernel of Pistachio (Pistacia vera L.) Fruits | | Interpolation formulas for α-harmonic functions on the unit circle | | A New Parametrization of an Oval of Constant Width in R2 | | Physical Risk Factors in Photovoltaic Energy Production Sites: An Analysis of Dust and Noise Exposure |
| | | **Mehmet AKYÜZ** | | **Dusan DJUKIC** | | **Kamal AL BANAWI** | | **Sirer ALBAYRAK** |
| 18.45-19.00 | | Bryoria capillaris: Mineral Content and Antioxidant Activity of Ethanol Extract | | New Fractional Integral Inequalities for s-Convex and P-Function via Modified Atangana–Baleanu Operators | | New Perspective of Hermite–Hadamard and Related Inequalities in G-Calculus | | Scale Development for Determining the Competencies of Occupational Safety Experts: Validity and Reliability Assessment |
| | | **Sevim Beyza ÖZTÜRK SARIKAYA** | | **Barış ÇELİK** | | **Abdelghani LAKHDARI** | | **Filiz KOÇAK** |
| 19.00-19.15 | | Trifluoromethyl-substituted PEPPSI-type Pd(II)NHC complexes: Synthesis, characterization, and inhibition properties against Carbonic Anhydrase and Choline Esterases enzymes | | Integral Inequalities for n-Fractional Polynomial Convex Functions via AB-Fractional Integral Operators | | Advances on Minkowski Inequalities through Fractional Operators with Analytic Kernels | | Novel corrosion resistant and tamper evident viscoelastic polymers, based on hybrid cyclic phosphazene materials |
| | | **Aydın AKTAŞ** | | **Erhan SET** | | **Abdüllatif YALÇIN** | | **Khaled AREF** |
| 19.15-19.30 | | Oxidative Stress and Adhesion Alterations Induced by Short-Term Microplastic Exposure in Human Breast Cells | | | | | | AI-Driven Cherenkov and Scintillation Discrimination for Next-Generation Neutrino Experiments |
| | | **Şeydanur ELMAS** | | | | | | **Tuğçe AYŞEGÜL** |
| 19.30-19.45 | **HALL A CLOSING CEREMONY** | | | | | | | |
| | **POSTER SESSION** | | | | | | | |
| **30 October 2025 13:00-14:00** | | Anticancer Effects of Chalcone–Valproic Acid Combination in Lung Cancer Cells | | The nanoemulsion-based patch formulations containing Heracleum persicum extract for the treatment of recurrent aphthous stomatitis: Preparation and in vitro characterization | | In silico Target Prediction and Molecular Docking Analysis of Food Colorant E102 (Tartrazine) on Human Proteins | | Azomethine Compounds and Metal Complexes as Carbonic Anhydrase Inhibitors |
| | | **Enes Mehmet ŞERBETÇİ** | | **Afife Büşra UĞUR KAPLAN** | | **Mehmet KARADAYI** | | **Fevzi TOPAL** |
| | | Chromosomal Asymmetry Patterns in Rodent Species | | Investigation of the Antimicrobial, Antibiotic Resistance and Technological Properties of Limosailactobacillus fermentum Isolated from Kars Kashar Cheese | | Artificial Intelligence in Community Pharmacies: Enhancing OTC Counseling and Patient Safety | | Cholinesterase Inhibition by Imine-Containing Compounds and their Metal Complexes |
| | | **Yahya Bilal GÜLÇİN** | | **Taha Yasin KOÇ** | | **Dilan ÖZMEN ÖZGÜN** | | **Meryem TOPAL** |
| | | Diagnostic Value of EBV-Derived miRNAs in Lymphoma | | An Alternative Approach to Antibiotic Resistance: Molecular Docking Analysis of TEM-1 β-Lactamase Enzyme with Clavulanic Acid and Quercetin | | Meshoma in a Case Evaluated with a Preliminary Diagnosis of Incisional Hernia | | Determination of PGPR Properties of Bacteria Isolated from Agricultural Fields in Aşkale, Erzurum |
| | | **Eda BALKAN** | | **Yusuf GÜLŞAHİN** | | **Mahmut Baran YERLİKAYA** | | **Medine GÜLLÜCE** |
| | | Food Safety Assessment of Phthalates in Food Packaging Materials Using Target Fishing and Molecular Docking Approaches | | Evolation of 3-Hydroxyflavone-Based Sulfonate Esters as Acetylcholinesterase, Carbonic Anhydrase and α-Glycosidase Inhibitors | | Removal of Toxic Ni(II) by Activated Olive Stone: Optization of Analytical Parameters by Response Surface Methodology | | Caracterization studies on adsorption of Iodine using carbon deriveted from the crown of Oak |
| | | **Deniz TİRYAKİ** | | **Murat GÜNEY** | | **Moussa ABBAS** | | **Tounsia AKSEL** |
| | | Effects of Triacontanol on Apoplastic Antioxidant System in Wheat Seedlings Under Raxil Fungicide | | Effects of astaxanthin on gene expression in Lettuce plants against nickel stress | | Lutexin as a Potential Inhibitor for H1N1 Subtype of Influenza A Virus | | Phytochemical Composition, Antidiabetic–Antioxidant Potential, and Docking Analysis of Arum rupicola subsp. Rupicola |
| | | **Gökçe KARADAYI** | | **Büşra TOSUN** | | **Şeyma AKSU** | | **Hatice KIZILTAŞ** |
| | | Isolation and Molecular Characterization of Potential Zinc-Solubilizing Bacteria from Agricultural Areas in Ağrı Province | | Immobilization, Characterization, and Enhanced Stability of Carbonic Anhydrase Enzyme on Iron Oxide Magnetic Nanoparticles | | | | |

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| | Burak ALAYLAR | | Şükrü BEYDEMİR | | | | |