

GALEN MEDICINE DAYS - 2024
PRECISION MEDICINE IN HEALTH AND DISEASE
INTERNATIONAL SYMPOSIUM



03.10.2024	
08:30 – 09:30	Registration
09:30 – 10:00	Welcome and Opening Remarks
	Prof. Dr. Mehmet ÖZTÜRK (Chair of Galen Medicine Days-2024) Prof. Dr. Mustafa GÜVENÇER (Rector of Izmir Tınaztepe University)
10:00 – 10:50	Keynote Speech (<i>Session Chairs: Prof. Dr. Mehmet ÖZTÜRK, Prof. Dr. Neşe ATABEY</i>) Prof. Dr. Dominique BELLET - <i>Precision Medicine in Oncology: From Impressive Progress to Emerging Challenges</i>
10:50 – 11:05	Coffee Break and Poster Session
11:05 – 12:10	Session 1 (<i>Session Chairs: Prof. Dr. Çağın ŞENTÜRK, Prof. Dr. Seyran YİĞİT</i>)
	11:05-11:45 Prof. Dr. Fahri SAATÇIOĞLU - <i>Interplay of ER Stress Signaling in Cancer Cells and the Tumor Microenvironment - Implications for Immunotherapy</i> 11:45-12:10 Prof. Dr. Yusuf BARAN – <i>Molecular Mechanisms of Drug Resistance in Hematological Malignancies</i>
12:10 – 12:30	Corporate Satellite Talk (<i>Session Chair: Prof. Dr. Tülay AKMAN</i>)
	Shantanu KAUSHIKKAR - <i>Axiom PangenomiX Array - A Powerhouse for Predictive Genomics Research</i>
12:30 – 13:00	Lunch Break
13:00 – 14:00	Case presentations-I: Precision Medicine for Rare Diseases (<i>Session Chairs: Prof. Dr. Özlem GIRAY BOZKAYA, Prof. Dr. Ferda ÖZKINAY</i>)
	Asst. Prof. Dr. Erhan PARILTAY - <i>Transthyretin (TTR) Cardiac Amyloidosis, Early Findings</i>
	Prof. Dr. Ahmet Okay ÇAĞLAYAN - <i>A Patient with SMA: How RNA-based Diagnosis Works</i>
	Assoc. Prof. Dr. Berk ÖZYILMAZ - <i>Two Cases and Prenatal Diagnosis Of A Rare UFM1 Associated Hypomyelinating Leukodystrophy</i>
	Ravza Nur YILDIRIM, PhD - <i>Adult Onset GalC Krabbe Disease Case</i>
	Assoc. Prof. Dr. Esra IŞIK - <i>Molecular Diagnosis Enables Effective Treatment in a Case of Late-Onset NAXE Deficiency</i>
14:00 – 15:20	Session 2 (<i>Session Chairs: Assoc. Prof. Dr. Nilay DANIŞ, Assist. Prof. Dr. Yavuz OKTAY</i>)
	14:00-14:40 Assoc. Prof. Dr. Can ALKAN - <i>Algorithms to Characterize Genomic Structural Variation Using High Throughput Sequencing Technologies</i>
	14:40-15:05 Prof. Dr. Müjdat ZEYBEL - <i>Integrative Proteo-Transcriptomic Characterization of Advanced Fibrosis in Chronic Liver Diseases Across Aetiologies</i>
	15:05-15:20 Early Career Scientist Short Talk-I Dehan ÇÖMEZ, PhD - <i>The Effect of Ligand and Nanobody Binding Dynamics on EGFR/CXCR4 Dimerisation</i>
15:20 – 15:40	Coffee Break and Poster Session
15:40 – 16:55	Session 3 (<i>Session Chairs: Prof. Dr. Necat İMİRZALIOĞLU, Prof. Dr. Banu DİLEK</i>)
	15:40-16:05 Prof. Dr. Uğur ÖZBEK - <i>Precision Medicine for Rare Diseases</i>
	16:05-16:30 Prof. Dr. Ahmet Okay ÇAĞLAYAN - <i>Multi-Omics Approach to Brain Malformations</i>
	16:30-16:55 Assoc. Prof. Dr. Özgür ATALAY – <i>Textile-Based Soft Robotics as Wearable Assistive Devices</i>

16:55 – 18:10	Session 4 (Session Chairs: Prof. Dr. Esra ÖZER, Assoc. Prof. Dr. Elif Ebru ERMiŞ)
	16:55-17:10 Selected Short Talk-I Asst. Prof. Dr. Mehmet BAYSAN- COSAP: Comparative Sequencing Analysis Platform
	17:10-17:25 Selected Short Talk-II Tunç TUNCEL, PhD - <i>Single-Cell RNA sequencing reveals blocking GPRC5A downregulates important cancer related genes in Mesothelioma Cell Line</i>
	17:25-17:40 Selected Short Talk -III Yeliz AKA, PhD - <i>Co-targeting DNA damage and Golgi stress induces mitochondrial apoptosis in ovarian cancer cells</i>
	17:40-17:55 Selected Short Talk-IV Associate Prof. Dr. Evin İŞCAN - <i>TAp73β induces angiogenesis and metastasis in a zebrafish xenograft model in the Hepatocellular Carcinoma</i>
	17:55-18:10 Selected Short Talk-V Özden ÖZ, MD PhD - <i>Axl Expression is Induced During the Transition from Non-Muscle-Invasive to Muscle-Invasive Stage in Bladder Cancer</i>
20:00	Gala Dinner

04.10.2024	
09:00 – 10:50	Session 5 (Session Chairs: Prof. Dr. Şermin GENÇ, Prof. Dr. Enver YETKİNER)
	09:00-09:40 Dr. Stefan DIMITROV - <i>Mechanisms of Rare Diseases (From Altered Genome Structure to Altered Function)</i>
	09:40-10:20 Prof. Dr. Ahmet ÖZEN - <i>New Horizons in Medicine: Unveiling Novel Treatments for Protein-Losing Enteropathies</i>
	10:20-10:35 Early Career Scientist Short Talk-II Seval KILIÇ, PhD - <i>Comprehensive In Vivo Characterization of a Novel Rare Genetic Disease</i>
10:35-10:50	Early Career Scientist Short Talk-III Burcu AKMAN, PhD - <i>Transcriptional and Molecular Drivers of Neuroendocrine Differentiation in Bladder Cancer</i>
	10:50 – 11:10 Coffee Break and Poster Session
11:10 – 12:30	Session 6 (Session Chairs: Prof. Dr. Funda YILMAZ, Prof. Dr. Gökhan KARAKÜLAH)
	11:10-11:50 Prof. Dr. Cengiz YAKICIER - <i>Comprehensive Genomic Profiling for Precision Medicine in Cancer</i>
	11:50-12:15 Prof. Dr. Erdener ÖZER - <i>Applications of Artificial Intelligence in Precision Oncology: Digital Pathology and Multiomics</i>
12:15-12:30	Early Career Scientist Short Talk-IV Tugce BATUR, PhD - <i>AXL: A Key Player in DNA Damage Response and Epithelial-to-Mesenchymal Transition</i>
	12:30 – 13:00 Lunch Break
13:00 – 14:00	Case presentations-II: Precision Medicine in Oncology (Session Chairs: Prof. Dr. İbrahim PETEKKAYA, Prof. Dr. Mutlu DEMİRAY)
	Aybike ERDOĞAN ATAY, PhD - <i>A case report: personalized medicine in MET and CDK6 overexpressing rare tumor</i>
	Ünal Metin TOKAT, PhD - <i>Remarkable response to dual immunotherapy and MEK inhibitor combination in a TERT and RASA1-mutant hepatocholangiocarcinoma</i>
	Ashkan ADIBI, MSc - <i>Exceptional response in a mRCC patient through precision-guided treatment involving immunotherapy rechallenge with temsirolimus and bevacizumab</i>

14:00 – 15:35	Session 7 (<i>Session Chairs: Prof. Dr. Zümre ARICAN ALICIKUŞ, Prof. Dr. Semra HIZ KURUL</i>)
	14:00-14:40 Dr. Jean-Jacques DIAZ - <i>Ribosome Alterations in Cancer: Impact on Translational Control and Tumorigenesis</i>
	14:40-15:05 Prof. Dr. Nuri ÖZTÜRK - <i>Adjustment of Circadian Clock for Good Health</i>
	15:05-15:20 Early Career Scientist Short Talk-V Berkin Ersin VURAL- <i>Effects of F53 Hotspot Mutations on the Molecular Dynamics of MEK1 Protein and the Binding of its FDA-Approved Inhibitors</i>
	15:20-15:35 Early Career Scientist Short Talk-VI Ezgi BAĞIRSAKÇI TEPE, PhD - <i>miR-181a-5p sensitizes Sorafenib resistance by attenuating the aggressive phenotype by the inverse correlation with Cav-1 in Hepatocellular Carcinoma</i>
15:35 – 15:50	Coffee Break and Poster Session
15:50 – 17:40	Session 8 (<i>Session Chairs: Prof.Dr. Funda BÖLÜKBAŞI HATİP, Assoc. Prof. Dr. Duygu SAĞ</i>)
	15:50-16:30 Prof. Dr. Haval SHIRWAN- <i>Training the immune system as a universal platform for cancer prevention</i>
	16:30-16:55 Asst. Prof. Dr. Tolga SÜTLÜ - <i>Preclinical Development of Novel Natural Killer Cell-based Cancer Immunotherapies</i>
	16:55-17:10 Early Career Scientist Short Talk-VII Talip ZENGİN, PhD – <i>Investigation of Immune-targeted Cancer Biomarkers in The Cancer Genome Atlas Datasets</i>
	17:10-17:25 Early Career Scientist Short Talk-VIII Umut Ekin, PhD- <i>Stimulation of Efferocytosis by Soluble Receptor</i>
17:25-17:40 Early Career Scientist Short Talk-IX Assistant Prof. Dr. Bahriye KARAKAŞ KÖSE - <i>Novel Monoclonal Antibodies for Stratification of Lung Cancer</i>	
17:40 – 18:00	Closing Remarks