

**7<sup>th</sup> September**

13.30-14.00

**OPENING CEREMONY**

14.00-14.40

**OPENING KEYNOTE LECTURE**

**CHAIR: Engin ULUKAYA**

Besim ÖĞRETMEN (USA)

**Lipid Metabolism and Signaling in the Regulation of Cancer Metastasis and Therapy**

14.45-15.15

**KEYNOTE LECTURE**

**CHAIR: Ayşegül ÇEBİ**

Chiara RAGGI (ITALY - ONLINE)

**Metabolic Aspects of Cholangiocarcinoma Stem-Compartment**

15.15-15.45

**COFFEE BREAK**

<p>15.45-16.15</p>	<p><b>INVITED LECTURE</b> <b>CHAIR: Semra DEMOKAN</b> Evgeny DENISOV (RUSSIA - ONLINE) <b>Single Cell and Spatial Transcriptomics in Dissecting Mechanism of Cancer Development and Progression</b></p>
<p>16.15-16.45</p>	<p><b>INVITED LECTURE</b> <b>CHAIR: Öykü Gönül GEYİK</b> Ranan Gülhan AKTAŞ (USA - ONLINE) <b>New Era in Life Science: Organoids &amp; Spheroids</b></p>
<p>17.00-17.30</p>	<p><b>KEYNOTE LECTURE</b> <b>CHAIR: Abdullah YALÇIN</b> Candan HIZEL PERRY (CANADA - ONLINE) <b>Polygenic Risk Score (PRS) for Cancer - Can It Deliver on The Promise of Precision Oncology?</b></p>

17.30-18.30

COCKTAIL PROLONGE

8<sup>th</sup> September

MAIN HALL

HALL 2

09.00-  
10.00

**SHORT TALKS**

**CHAIR: Serpil OĞUZTÜZÜN**

**1- Esra Nalbat:** Breaking Barriers in Cancer Treatment:  
Unleashing the Power of Drug Repurposing

**2- Sezen Güntekin Ergün:** An overview of tumor  
agnostic therapies through the Hippo signaling  
pathway

**3- Pınar Siyah:** Cracking the Code of Drug Discovery:  
Technology's Impact on Novel Therapeutics

**4- Mehmet Sarımahmut:** Antioxidant and Anti-growth  
Properties of Selected Anatolian Plant Species:  
Exploring the Potential of *Heracleum humile*, *Doronicum*

09.00-  
11.00

**ORAL PRESENTATIONS**

**CHAIR: Yelda BİRİNCİ**

**GASTROINTESTINAL CANCER**

**1- Evin İşcan:** TAp73 $\beta$  regulates the Wnt/ $\beta$ -catenin  
signaling pathway in a zebrafish xenograft model in  
Hepatocellular Carcinoma

**2- Demet Kaçaroğlu:** Naive and TLR4 Stimulated  
Adipose Derived Mesenchymal Stem Cells Inhibit EMT  
and Metastasis of Pancreatic Ductal Adenocarcinoma  
Cells

**3- Ergin Turantepe:** Flavopiridol Inhibits Cell  
Proliferation and Migration in Pancreatic Ductal  
Adenocarcinoma Cells

<p>10.00- 11.00</p>	<p><i>reticulatum, Centaurea drabifolia, and Senecio olympicus</i></p> <p style="text-align: center;"><b>KEYNOTE LECTURE</b> <b>CHAIR: İlhan YAYLIM</b> Serdar DURDAĞI <b>Developing a Groundbreaking Algorithm for Target-Driven Based Approach in the Design of New Effective Anticancer Therapeutics</b></p> <p style="text-align: center;"><b>INVITED SPEAKER</b> <b>CHAIR: Serdar DURDAĞI</b> Soykan AĞAR</p>	<p><b>4- Seçil Demirkol Canlı:</b> Evaluation of CSRP1 expression as a prognostic marker in colorectal cancer</p> <p><b>5- Ahmet Acar:</b> Generating single-barcode harbouring cell lines from chemotherapy resistant Caco-2 cell line to study drug resistance</p> <p><b>6- Hasan Kurter:</b> HDAC Inhibitor Induces Mitochondrial Membrane Potential Disruption and Reverses the Epithelial-Mesenchymal Transition in Colorectal Cancer</p> <p><b>7- Çağrı Öner:</b> The Impact Of 1.25-Dihydroxyvitamin D3 On Mitophagy and Apoptotic Pathways in Hepatocellular Carcinoma</p> <p><b>8- Semih Şeker:</b> Molecular and Bioinformatic Investigation of Proteomic Differences Between Cancerous and Normal Tissue Samples of Colorectal Cancer Patients</p> <p><b>9- Tolga Sever:</b> Combination Therapy of Beta-Hydroxybutyrate and Oxaliplatin Augments the Treatment Efficacy in Colorectal Cancer Organoids</p>
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	<p><b>The Future of <i>de novo</i> Drug Design &amp; Repurposing: In silico Computational/Simulational Methods</b></p>		<p><b>10- Muzaffer Dukel:</b> A Novel Palladium (II) Complex Selectively Induces Cell Death and Cell Cycle Arrest In Metastatic Colon Cells</p> <p><b>11- Zeynep Büşra Bolat:</b> Combination Therapy of dual PI3K/mTOR Inhibitor and Curcumin shows anticancer effect on Colorectal Cancer</p>
<p>11.00-11.30</p> <p><b>COFFEE BREAK and CONSULT THE EXPERT</b></p> <p>(Engin ULUKAYA- Spheroids and Organoids)</p>			
<p>11.30- 13.30</p>	<p><b>SHORT TALKS</b></p> <p><b>CHAIR: Egemen DERE</b></p> <p><b>1- Süreyya Bozkurt:</b> Determination of intestinal microbiota in pediatric patients who underwent allogeneic stem cell transplantation before and after transplantation</p>	<p>11.30 - 13.30</p>	<p><b>ORAL PRESENTATIONS</b></p> <p><b>CHAIR: Didem KARAKAŞ</b></p> <p><b>BREAST CANCER SESSION</b></p> <p><b>1- Tuğba Atıcı:</b> Apoptotic Effects of Paclitaxel/Aloe-Emodin Combination in MCF-7 and MDA-MB-231 Breast Cancer Cell Lines</p>

**2- Ece Gumusoglu-Acar:** The Expression Analysis of Specific Genes in Ovarian Cancer

**3- Deniz Cansen Kahraman:** Anti-Cancer and Anti-Stemness Action of Nonsteroidal Anti-Inflammatory Agents: A Special Focus on Hepatocellular Carcinoma

**2- Müge Öçal Demirtaş:** miR-30b-3p Regulates Apoptosis in CD8+ T Lymphocytes in Triple Negative Breast Tumor Bearing Mice

**3- Boran Can Dinçer:** MicroRNA-145's Regulatory Role in Breast Cancer Progression

**4- Ece Oylumlu:** Indoximod Restricts Tumor Growth by Targeting Breast Cancer Viability

**5- Muhammet Ocak:** Determination of In Vitro and In Vivo Effects of Taxifolin and Epirubicin on Epithelial-Mesenchymal Transition in Mouse Breast Cancer Cells

**6- Hüseyin İzgördü:** The Impacts of Ceramidase Inhibition with D-E-Mapp Sln Formulation upon Cell Death Mechanism in Breast Cancer as an in-vitro and in-vivo models.

**7- Gamze Yıldız:** Determination of Antioxidant Properties and Contents of Helichrysum Arenarium L. Extracts, Investigation of Anti-growth Effects Against Human Breast Cancer Cell Lines

13.30- 14.30	<b>LUNCH</b>		
14.30- 15.30	<b>INVITED LECTURES</b> <b>CHAIR: Huri DEDEAKAYOĞULLARI</b> Serdar ALTINAY <b>NGS in Sporadic Medullary Thyroid Cancers: With artificial intelligence and biological pathway enrichment method</b>  Hatice Mehtap KUTLU <b>The Role of Ceramide Metabolism and Signaling in the Regulation of Cancer Therapy</b>	14.30 - 16.30	<b>ORAL PRESENTATIONS</b> <b>CHAIR: Hande Süer MICKLER</b> <b>BREAST &amp; GYNECOLOGICAL CANCER SESSION</b> <b>1- Serpil Telci:</b> Synergistic Anticancer Effects of Auraptene and Tamoxifen on MCF-7 and Ishikawa Cell Cultures in Breast and Endometrial Cancer Cell Lines. <b>2- Erva Özkan:</b> The Anticancer Potential of Brassinin in Estrogen Receptor-Positive Breast Cancer Cells Through the Activation of Apoptosis And Downregulation Of Matrix Metalloproteinase-2 <b>3- Hacer Kaya Çakır:</b> Investigation of anticancer activity of mocetinostat (Hdaci) on MDA-MB-231 breast cancer cell line

<p>15.40- 16.20</p>	<p><b>SATELLITE SYMPOSIA (Medsantek)</b></p>		<p><b>4- Gizem Bulut:</b> Investigation of Anti-Cancer Effects of a Palladium Complex (Pd(bpma)(barb).Cl • H<sub>2</sub>O) in Ovarian Cancer Cell Lines</p> <p><b>5- Gamze Namalır:</b> Long Non-Coding Rna Urothelial Carcinoma-Associated 1 Regulates Proliferation and Migration in Doxorubicin Resistance of Estrogen Receptor Positive Breast Cancer Cells</p> <p><b>6- Leyla Tutar:</b> DNA methylation plays a key role in Triple Negative Breast Cancer?</p> <p><b>7- Ceren Tuncay:</b> Comparison of the Effect of Abemaciclib in MCF-7 Cells in 2D and 3D Systems</p> <p><b>8- Ebrucan Bulut:</b> The role of Trop-2 expression in determining the effectiveness of Sacituzumab Govitecan in the treatment of triple-negative breast cancer patients.</p>
<p>16.30- 17.00</p>	<p><b>COFFEE BREAK and POSTER SESSION</b></p>		



<p>17.00 – 18.10</p>	<p><b>ORAL PRESENTATIONS</b></p> <p><b>CHAIR: Eray Metin GÜLER</b></p> <p><b>1- Egemen Dere:</b> Investigation of the effect of toluene on nitric oxide production and protective properties of resveratrol</p> <p><b>2- Salih Gencer:</b> Ceramide Binds Smad7 to Regulate Solid Tumor Metastasis</p> <p><b>3- Sedef Ziyanok:</b> Anti-growth, Antioxidant, and Hepatoprotective Properties of <i>Spirulina platensis</i> Extract</p> <p><b>4- Özde Gökbayrak:</b> Neuroblastoma Targeted Anti-Cancer Drug Delivery</p> <p><b>5- Sıla Sığırlı:</b> Acetylsalicylic acid treatment reduces cancer promoting properties of pancreatic stellate cells</p> <p><b>6- Nejdet Memiş:</b> Investigation of Anti-Cancer Potential of Omeprazole in Prostate Cancer Cells</p> <p><b>7- Berkcan Doğan:</b> Evaluation of Circulating Tumor Cell (CTC) Specific Markers and CTC Status in Metastatic</p>	<p>17.00 – 19.30</p>	<p><b>ORAL PRESENTATIONS</b></p> <p><b>DRUG RESISTANCE &amp; SENSITIVITY</b></p> <p><b>CHAIR: Nazlıhan AZTOPAL</b></p> <p><b>1- Muhlis Akman:</b> TFEB Drives Chemo-Immuno-Resistance in Lung Cancer</p> <p><b>2- Umut Haskök:</b> Drug Repositioning to Specifically Target Multiple Myeloma Subtypes Based in Silico Investigation of Differential Gene Expression Profiling</p> <p><b>3- İrem Durmaz Şahin:</b> Exploring New Frontiers in HGSOC Treatment: Targeting Drug Resistance with miRNA Mimics</p> <p><b>4- Melisa Tecik:</b> Sphingosine 1-Phosphate Signaling in Midostaurin Resistance in FLT3-ITD Positive Acute Myeloid Leukemia</p> <p><b>5- Büşra Bilen:</b> Effect of PKR Kinase Activation on the sensitivity of choriocarcinoma cells to chemotherapy agent</p> <p><b>6- Özlem Ulucan:</b> Predicting side-effects of chemotherapeutic agents through analysis of drug-induced transcriptomic response</p>
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<p>18.45 – 19.15</p>	<p>Colorectal Cancer Patients by Immunomagnetic Cell-selection Method</p> <p style="text-align: center;"><b>INVITED LECTURE</b> <b>CHAIR: Mehtap KUTLU</b> Bülent ÖZPOLAT (USA - ONLINE) <b>MicroRNA-based Therapeutics for Cancer</b></p>	<p><b>RESPIRATORY SYSTEM CANCERS</b> <b>CHAIR: Tuba GÜNEL</b></p> <p><b>1- Cemal Çağrı Çetin:</b> PTEN R234W Variant: A Novel Case Presentation in Non Small Cell Lung Cancer Patients</p> <p><b>2- Aydın Keskin:</b> Expressions of GSTO1, GSTP1, GSTM1, GSTS1 isoenzymes in NSCLC tissues</p> <p><b>3- Alper Gümüş:</b> Investigation of CD40, CD40L Gene Variants and sCD40, sCD40L Serum Levels in Laryngeal Cancer</p> <p><b>4- Nadin Bedikyan:</b> Investigation of methylation and expression levels of the GNG7 gene in oral squamous cell carcinoma</p> <p><b>5- Tuğba Gül İnci:</b> Evaluation of Sulfasalazine Drug Repurposing Potential and Sulfasalazine Encapsulated PLGA Nanoparticles in Non-Small Cell Lung Cancer</p>
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<b>9<sup>th</sup> September</b>	
	<b>MAIN HALL</b>
	<p><b>ORAL PRESENTATIONS</b></p> <p><b>CHAIR: Süreyya BOZKURT</b></p>
<i>09.00-10.30</i>	<p><b>1- Elif Bayram:</b> Dual Targeting of Glycolysis and Glutaminolysis as a Strategy to Inhibit Tumor Cell Proliferation</p> <p><b>2- Elif Kahraman Topgül:</b> The Effect of Boron Compounds on Androgen Signaling in Prostate Cancer</p> <p><b>3- Ezgi Yağmur Tükel:</b> Increasing Treatment Efficacy by Drug Repositioning in Acute</p>

	<p>Lymphoblastic Leukemia</p> <p><b>4- Ceyda Nur Zaim:</b> Regulatory Network of miR-27a-5p in Prostate Cancer</p> <p><b>5- Ceren Çelik:</b> Gastric Cancer Spheroids: A Three-Dimensional Model to Study the Effect of Metabolic Alterations in the One-Carbon Pathway</p> <p><b>6- Zehra Tavşan:</b> Investigation of the Relationship Between Bivalent Promotor Regions and Epithelial-Mesenchymal Cancer Cells Plasticity</p> <p><b>7- Serdar Karakurt:</b> Unveiling Potential: Scorpio fuscus Venom for Targeted Colorectal Carcinoma Therapy</p>
10.30-11.30	<p style="text-align: center;"><b>INVITED LECTURES</b></p> <p style="text-align: center;"><b>CHAIR: Serap ÇELİKLER</b></p> <p style="text-align: center;">Sadettin KILIÇKAP (TURKIYE - ONLINE)</p> <p style="text-align: center;"><b>'Bench to bedside': Precision Medicine in Oncology</b></p> <p style="text-align: center;">Eser ÖZYÜREK</p> <p style="text-align: center;"><b>Where We Fall Short in Surgical Management?</b></p>

11.30-12.00	<b>COFFEE BREAK and CONSULT THE EXPERT</b> (Eser ÖZYÜREK- Expectations from Clinics)
12.00-12.30	<b>INVITED LECTURE</b> <b>CHAIR: Caner GEYİK</b> Özlem ER <b>Tumor Genomic Profiling and Treatment Decision in Gastrointestinal Cancers</b>
12.30-13.00	<b>INVITED LECTURE</b> <b>CHAIR: Özlem ER</b> Safiye AKTAŞ (TURKIYE - ONLINE) <b>Precision Medicine in Pediatric Tumors: Next Generation Sequencing Experience</b>
13.00-14.00	<b>LUNCH</b>
14.00-15.30	<b>SHORT TALKS</b>

	<p><b>Chair: Süreyya BOZKURT</b></p> <p><b>1- Öykü Gönül Geyik:</b> How to target tumor heterogeneity to overcome drug resistance?</p> <p><b>2- Ece Akhan Güzelcan:</b> The Role And Importance Of Biobanks Dedicated To Cancer Research</p> <p><b>3- Adouda Adjiri:</b> Cancer Resistance to therapy: Is there a way out?</p> <p><b>4- Dilara Kamer Çolak:</b> Recent Advances In Researching Cancer Types Using 3D Bioprinting</p>
15.30-22.00	<b>SOCIAL PROGRAM</b>

<b>10<sup>th</sup> September</b>	
09.00-11.00	<p style="text-align: center;"><b>MAIN HALL</b></p> <p style="text-align: center;"><b>SPECIAL SESSION: GBM SECRETS</b></p> <p style="text-align: center;"><b>CHAIR: Gamze TANRIÖVER</b></p> <p style="text-align: center;"><i>To The Memory of Prof. Dr. Necdet DEMİR</i></p> <p><b>1- Emel Sokullu (Invited Lecture) :</b> 3D Culture Systems for Tumor Microenvironment</p>

	<p><b>2- Gizem Dönmez Yalçın (Invited Lecture) :</b> The Molecular Link Between Excitotoxicity and Glioblastoma</p> <p><b>3- Zehra Güneş:</b> Investigation of The Effects of Chloroquine on Proteasomal System In Glioblastoma Stem Cells (<u>Oral Presentation</u>)</p> <p><b>4- Nazlı Keskin Toklu:</b> Editing the TP53 Gene Locus in U87 Human Glioblastoma Cell Line by Using CRISPR/Cas9 System (<u>Oral Presentation</u>)</p> <p><b>5- Mustafa Kotmakçı:</b> Enhanced cytokine stimulation in in vitro and in vivo glioblastoma models: Lipid nanoparticles for stimulator of interferon genes agonists delivery (<u>Oral Presentation</u>)</p> <p><b>6- Sema Tuğçe Aydın:</b> Investigating the Effects of Temozolomide on The Viability of Glioblastoma Stem Cells Responsible for Recurrence Using a 3D Culture Model (<u>Oral Presentation</u>)</p>
11.00-11.30	<p><b>COFFEE BREAK</b></p>
11.30-12.00	<p><b>CLOSING KEYNOTE LECTURE</b></p> <p>CHAIR: Emel Sokullu</p> <p>Abdullah KAHRAMAN (SWITZERLAND - ONLINE)</p>

	<b>Comprehensive Genomic Profiling for Precision Oncology</b>
<i>12.00-13.00</i>	<b>AWARD CEREMONY &amp; CLOSING</b>