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On behalf of Giresun University Faculty of Health Sciences

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KONGRE PROGRAMI / CONGRESS PROGRAMME

7th September	
<i>13.30-14.00</i>	OPENING CEREMONY
<i>14.00-14.40</i>	OPENING KEYNOTE LECTURE CHAIR: Engin ULUKAYA Besim ÖĞRETMEN (USA) Lipid Metabolism and Signaling in the Regulation of Cancer Metastasis and Therapy
<i>14.45-15.15</i>	KEYNOTE LECTURE CHAIR: Ayşegül ÇEBİ Chiara RAGGI (ITALY - ONLINE) Metabolic Aspects of Cholangiocarcinoma Stem-Compartment
<i>15.15-15.45</i>	COFFEE BREAK
<i>15.45-16.15</i>	INVITED LECTURE CHAIR: Semra DEMOKAN Evgeny DENISOV (RUSSIA - ONLINE) Single Cell and Spatial Transcriptomics in Dissecting Mechanism of Cancer Development and Progression
<i>16.15-16.45</i>	INVITED LECTURE CHAIR: Öykü Gönül GEYİK Ranan Gülhan AKTAŞ (USA - ONLINE) New Era in Life Science: Organoids & Spheroids
<i>17.00-17.30</i>	KEYNOTE LECTURE CHAIR: Abdullah YALÇIN Candan HIZEL PERRY (CANADA - ONLINE) Polygenic Risk Score (PRS) for Cancer - Can It Deliver on The Promise of Precision Oncology?
<i>17.30-18.30</i>	COCKTAIL PROLONGE

8th 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 reticulatum*, *Centaurea drabifolia*, and *Senecio olympicus*

10.00-
11.00

KEYNOTE LECTURE

CHAIR: İlhan YAYLIM

Serdar DURDAĞI

Developing a Groundbreaking Algorithm for Target-Driven Based Approach in the Design of New Effective Anticancer Therapeutics

INVITED SPEAKER

CHAIR: Serdar DURDAĞI

Soykan AĞAR

The Future of *de novo* Drug Design & Repurposing: *In silico* Computational/Simulational Methods

09.00-
11.00

ORAL PRESENTATIONS

CHAIR: Yelda BİRİNCİ

GASTROINTESTINAL CANCER

- 1- Evin İşcan:** TAp73 β regulates the Wnt/ β -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
4- Seçil Demirkol Canlı: Evaluation of CSRP1 expression as a prognostic marker in colorectal cancer
5- Ahmet Acar: Generating single-barcode harbouring cell lines from chemotherapy resistant Caco-2 cell line to study drug resistance
6- Hasan Kurter: HDAC Inhibitor Induces Mitochondrial Membrane Potential Disruption and Reverses the Epithelial-Mesenchymal Transition in Colorectal Cancer
7- Çağrı Öner: The Impact Of 1.25-Dihydroxyvitamin D3 On Mitophagy and Apoptotic Pathways in Hepatocellular Carcinoma
8- Semih Şeker: Molecular and Bioinformatic Investigation of Proteomic Differences Between Cancerous and Normal Tissue Samples of Colorectal Cancer Patients
9- Tolga Sever: Combination Therapy of Beta-Hydroxybutyrate and Oxaliplatin Augments the Treatment Efficacy in Colorectal Cancer Organoids
10- Muzaffer Dukel: A Novel Palladium (II) Complex Selectively Induces Cell Death and Cell Cycle Arrest In Metastatic Colon Cells
11- Zeynep Büşra Bolat: Combination Therapy of dual PI3K/mTOR Inhibitor and Curcumin shows anticancer effect on Colorectal Cancer

11.00-11.30

COFFEE BREAK and CONSULT THE EXPERT

(Engin ULUKAYA- Spheroids and Organoids)

<p>11.30- 13.30</p>	<p>SHORT TALKS CHAIR: Egemen DERE 1- Filiz Yarımcan: Determination of intestinal microbiota in pediatric patients who underwent allogeneic stem cell transplantation before and after transplantation 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</p>	<p>11.30 – 13.30</p>	<p>ORAL PRESENTATIONS CHAIR: Didem KARAKAŞ BREAST CANCER SESSION 1- Tuğba Atıcı: Apoptotic Effects of Paclitaxel/Aloe-Emodin Combination in MCF-7 and MDA-MB-231 Breast Cancer Cell Lines 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</p>
<p>13.30- 14.30</p>	<p>LUNCH</p>		
<p>14.30- 15.30</p>	<p style="text-align: center;">INVITED LECTURES CHAIR: Huri DEDEAKAYOĞULLARI Serdar ALTINAY NGS in Sporadic Medullary Thyroid Cancers: With artificial intelligence and biological pathway enrichment method Hatice Mehtap KUTLU The Role of Ceramide Metabolism and Signaling in the Regulation of Cancer Therapy</p>	<p>14.30 – 16.30</p>	<p>ORAL PRESENTATIONS CHAIR: Hande Süer MICKLER BREAST & GYNECOLOGICAL CANCER SESSION 1- Serpil Telci: Synergistic Anticancer Effects of Auraptene and Tamoxifen on MCF-7 and Ishikawa Cell Cultures in Breast and Endometrial Cancer Cell Lines. 2- Erva Özkan: The Anticancer Potential of Brassinin in Estrogen Receptor-Positive Breast Cancer Cells Through the Activation of Apoptosis And Downregulation Of Matrix Metalloproteinase-2 3- Hacer Kaya Çakır: Investigation of anticancer activity of mocetinostat (Hdaci) on MDA-MB-231 breast cancer cell line 4- Gizem Bulut: Investigation of Anti-Cancer Effects of a Palladium Complex</p>

15.40-16.20	SATELLITE SYMPOSIA (Medsantek)	<p>(Pd(bpma)(barb).Cl • H₂O) in Ovarian Cancer Cell Lines</p> <p>5- Gamze Namalır: Long Non-Coding Rna Urothelial Carcinoma-Associated 1 Regulates Proliferation and Migration in Doxorubicin Resistance of Estrogen Receptor Positive Breast Cancer Cells</p> <p>6- Leyla Tutar: DNA methylation plays a key role in Triple Negative Breast Cancer?</p> <p>7- Ceren Tuncay: Comparison of the Effect of Abemaciclib in MCF-7 Cells in 2D and 3D Systems</p> <p>8- Ebrucan Bulut: The role of Trop-2 expression in determining the effectiveness of Sacituzumab Govitecan in the treatment of triple-negative breast cancer patients</p>
16.30-17.00	COFFEE BREAK and POSTER SESSION	

17.00 – 18.10	<p>ORAL PRESENTATIONS CHAIR: Eray Metin GÜLER 1- Egemen Dere: Investigation of the effect of toluene on nitric oxide production and protective properties of resveratrol 2- Salih Gencer: Ceramide Binds Smad7 to Regulate Solid Tumor Metastasis 3- Sedef Ziyanok: Anti-growth, Antioxidant, and Hepatoprotective Properties of <i>Spirulina platensis</i> Extract 4- Özde Gökbayrak: Neuroblastoma Targeted Anti-Cancer Drug Delivery 5- Sıla Sığırlı: Acetylsalicylic acid treatment reduces cancer promoting properties of pancreatic stellate cells 6- Nejdet Memiş: Investigation of Anti-Cancer Potential of Omeprazole in Prostate Cancer Cells 7- Berkcan Doğan: Evaluation of Circulating Tumor Cell (CTC) Specific Markers and CTC Status in Metastatic Colorectal Cancer Patients by Immunomagnetic Cell-selection Method</p>	17.00 – 19.30	<p>ORAL PRESENTATIONS DRUG RESISTANCE & SENSITIVITY CHAIR: Nazlıhan AZTOPAL 1- Muhlis Akman: TFEB Drives Chemo-Immuno-Resistance in Lung Cancer 2- Umut Haskök: Drug Repositioning to Specifically Target Multiple Myeloma Subtypes Based in Silico Investigation of Differential Gene Expression Profiling 3- İrem Durmaz Şahin: Exploring New Frontiers in HGSOc Treatment: Targeting Drug Resistance with miRNA Mimics 4- Melisa Tecik: Sphingosine 1-Phosphate Signaling in Midostaurin Resistance in FLT3-ITD Positive Acute Myeloid Leukemia 5- Büşra Bilen: Effect of PKR Kinase Activation on the sensitivity of choriocarcinoma cells to chemotherapy agent 6- Özlem Ulucan: Predicting side-effects of chemotherapeutic agents through analysis of drug-induced transcriptomic response</p> <p>RESPIRATORY SYSTEM CANCERS CHAIR: Tuba GÜNEL</p> <p>1- Cemal Çağrı Çetin: PTEN R234W Variant: A Novel Case Presentation in Non Small Cell Lung Cancer Patients 2- Aydın Keskin: Expressions of GSTO1, GSTP1, GSTM1, GSTS1 isoenzymes in NSCLC tissues</p> <p>3- Alper Gümüş: Investigation of CD40, CD40L Gene Variants and sCD40, sCD40L Serum Levels</p>
18.45 – 19.15			

	<p style="text-align: center;">INVITED LECTURE CHAIR: Mehtap KUTLU Bülent ÖZPOLAT (USA - ONLINE) MicroRNA-based Therapeutics for Cancer</p>	<p>in Laryngeal Cancer</p> <p>4- Nadin Bedikyan: Investigation of methylation and expression levels of the GNG7 gene in oral squamous cell carcinoma</p> <p>5- Tuğba Gül İnci: Evaluation of Sulfasalazine Drug Repurposing Potential and Sulfasalazine Encapsulated PLGA Nanoparticles in Non-Small Cell Lung Cancer</p> <p>6- Zeynep Demir: Investigation of Apoptotic Potential of Catechol in Drug-Resistant Lung Cancer and Healthy Fibroblast Cells</p> <p>7- Şule İnci: Anticancer effect of Tricholoma atrosquamosum Sacc. against human lung adenocarcinoma cell line</p> <p>8- Kubilay İnci: Biological Effects of CRISPR/Cas9-mediated Knockout of RAB27A in SCLC</p>
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9th September

MAIN HALL	
<p>09.00-10.30</p>	<p>ORAL PRESENTATIONS CHAIR: Süreyya BOZKURT</p> <p>1- Elif Bayram: Dual Targeting of Glycolysis and Glutaminolysis as a Strategy to Inhibit Tumor Cell Proliferation</p> <p>2- Elif Kahraman Topgül: The Effect of Boron Compounds on Androgen Signaling in Prostate Cancer</p> <p>3- Ezgi Yağmur Tükel: Increasing Treatment Efficacy by Drug Repositioning in Acute Lymphoblastic Leukemia</p> <p>4- Ceyda Nur Zaim: Regulatory Network of miR-27a-5p in Prostate Cancer</p> <p>5- Ceren Çelik: Gastric Cancer Spheroids: A Three-Dimensional Model to Study the Effect of Metabolic Alterations in the One-Carbon Pathway</p> <p>6- Zehra Tavşan: Investigation of the Relationship Between Bivalent Promotor Regions and Epithelial-Mesenchymal Cancer Cells Plasticity</p> <p>7- Serdar Karakurt: Unveiling Potential: Scorpio fuscus Venom for Targeted Colorectal Carcinoma Therapy</p>
<p>10.30-11.30</p>	<p style="text-align: center;">INVITED LECTURES CHAIR: Serap ÇELİKLER Sadettin KILIÇKAP (TURKIYE - ONLINE) ‘Bench to bedside’: Precision Medicine in Oncology</p> <p style="text-align: center;">Eser ÖZYÜREK Where We Fall Short in Surgical Management?</p>
<p>11.30-12.00</p>	<p style="text-align: center;">COFFEE BREAK and CONSULT THE EXPERT (Eser ÖZYÜREK- Expectations from Clinics)</p>

12.00-12.30	<p style="text-align: center;">INVITED LECTURE CHAIR: Caner GEYİK Özlem ER Tumor Genomic Profiling and Treatment Decision in Gastrointestinal Cancers</p>
12.30-13.00	<p style="text-align: center;">INVITED LECTURE CHAIR: Özlem ER Safiye AKTAŞ (TURKIYE - ONLINE) Precision Medicine in Pediatric Tumors: Next Generation Sequencing Experience</p>
13.00-14.00	LUNCH
14.00-15.30	<p>SHORT TALKS Chair: Süreyya BOZKURT 1- Öykü Gönül Geyik: How to target tumor heterogeneity to overcome drug resistance? 2- Ece Akhan Güzelcan: The Role And Importance Of Biobanks Dedicated To Cancer Research 3- Adouda Adjiri: Cancer Resistance to therapy: Is there a way out? 4- Dilara Kamer Çolak: Recent Advances In Researching Cancer Types Using 3D Bioprinting</p>
15.30-22.00	SOCIAL PROGRAM

10th September	
09.00-11.00	<p style="text-align: center;">MAIN HALL SPECIAL SESSION: GBM SECRETS CHAIR: Gamze TANRIÖVER <i>To The Memory of Prof. Dr. Necdet DEMİR</i></p> <p>1- Emel Sokullu (Invited Lecture) : 3D Culture Systems for Tumor Microenvironment 2- Gizem Dönmez Yalçın (Invited Lecture) : The Molecular Link Between Excitotoxicity and Glioblastoma 3- Zehra Güneş: Investigation of The Effects of Chloroquine on Proteasomal System In Glioblastoma Stem Cells (<u>Oral Presentation</u>) 4- Nazlı Keskin Toklu: Editing the TP53 Gene Locus in U87 Human Glioblastoma Cell Line by Using CRISPR/Cas9 System (<u>Oral Presentation</u>) 5- Mustafa Kotmakçı: Enhanced cytokine stimulation in in vitro and in vivo glioblastoma models: Lipid nanoparticles for stimulator of interferon genes agonists delivery (<u>Oral Presentation</u>) 6- Sema Tuğçe Aydın: 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	COFFEE BREAK
11.30-12.00	<p style="text-align: center;">CLOSING KEYNOTE LECTURE CHAIR: Emel Sokullu Abdullah KAHRAMAN (SWITZERLAND - ONLINE) Comprehensive Genomic Profiling for Precision Oncology</p>
12.00-13.00	AWARD CEREMONY & CLOSING