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FINAL Program
6th Cancer World Congress
“Personalized Cancer Diagnosis and Therapy”
September 28-30, 2022
RADISSON BLU Lisbon, Portugal

The program schedule at a glance

Tuesday 27th (suggested arrival date)

1st Day Wednesday 28th 08.00-REGISTRATION	2nd Day Thursday 29th 08.00-REGISTRATION	3rd Day Friday 30th 08.00-REGISTRATION
09.15-9.30 Opening Ceremony	08.30-10.30 3 rd Session	08.30-10.40 7 th Session
09.30-12.45 1 st Session	10.30-10.45 Coffee break	Flash/Short communications
12.45-14.00 Lunch	10.45-12.45 4 th Session	10.40-11.00 Coffee break
14.00-16.30 2 nd session	12.45-14.00 Lunch	11.00-13.00 8 th Session
16.30-17.15 Honorary Lecture (group photo)	14.00-16.25 5 th Session	13.00-14.10 Lunch
17.30-18.30 Welcome Cocktail	16.25-16.40 Coffee break	14.10-17.40 9 th Session
18.30 --- free time	16.40-19.15 6 th Session	17.40-18.30 AWARD CEREMONY CLOSING CEREMONY (group photo)
City tour (on booking)	19.15-20.50 free time	18.30-19.45 Farewell Party
Dining at leisure	21.00-23.30 GALA DINNER	
	Free cocktail time	



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NOTES

Honorary Lecture (HL) 40+5 minute

Keynote Lecture (KL) 20+5 minute

Invited Lecture (IL) 18+2 minute or 13+2 minute

Short Communication (SC) 8 minute (replaces Poster presentation)

Flash Communication (FC) 5 minute (replaces Poster presentation)

(No Poster hanging)

Please, make sure to keep in time

Special Awards for Young Presenters (< 35y)

for best (3) Short and (3) Flash Communications

Proceedings: Abstract and Full papers will be published free of charge in **Journal of Cancer Metastasis and Treatment**

HONORARY LECTURE (Wednesday 28th, 16.30-17.15)

Chairs: Broude Eugenia (USA) - Guillermo Barreto (France)

Jacques Pouyssegur (France)

Title: “Warburg Effect’ Controls Tumor Growth, Viral, Bacterial Infections and Immunity - Genetic Deconstruction and Therapeutic Perspectives”

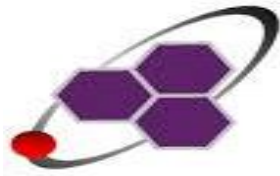
Introduced by **Ciro Isidoro (Italy)**

SESSION CHAIRS

1. Anna Dubrovskaja (Germany) – Jianyu Rao (USA)
2. Eugenia Broude (USA) – Guillermo Barreto (France)
3. Fatima Baltazar (Portugal) – Pierre Cordelier (France)
4. Galia Maik-Rachline (Israel) – Philippe Soubeyran (France)
5. Yongping Bao (UK) – Emanuela Grassilli (Italy)
6. Bandana Chatterjee (USA) – Raymond Mattingly (USA)
7. Ana Preto (Portugal) – Danny Dhanasekaran (USA) – Tamara Lah (Slovenia)
8. Yang Ping (USA) – Mary Taub (USA)
9. Linda Penn (Canada) – Stefan Kempa (Germany)

Gala Dinner on Thursday 29th at Holiday Inn Express Lisbon - Alfragide

City Tour, Transportation, Wellness Centre please refer to Hotel reception.



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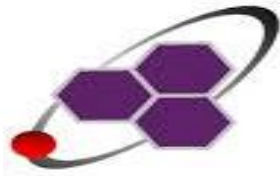
WEDNESDAY 28TH SEPTEMBER

9.15-9.30 OPENING CEREMONY

1st SESSION	CHAIRS Anna Dubrovská (Germany) - Jianyu Rao (USA)
09.30 - 09.55	Title: Oncogenic Splice-Switching by the Long Non-coding RNA UCA1 In Ovarian Cancer KL Danny Dhanasekaran, The University of Oklahoma Health Sciences Center, USA
09.55 - 10.20	Title: Thyroid Hormone and Thyromimetics in the Treatment of Hepatocellular Carcinoma KL Amedeo Columbano, Università degli Studi di Cagliari, Italy
10.20 - 10.40	Title: Cannabigerol is a Potential Therapeutic Agent in a Novel Combined Therapy Targeting Glioblastoma Stem Cells IL Tamara Lah Turnšek, National Institute of Biology, Slovenia
10.40 - 11.00	Title: Precision Targeting of Cancer with CRISPR IL Mats Ljungman, University of Michigan, USA
11.00 - 11.15	Title: Specific Targeting for Colorectal Cancer Harboring KRAS Mutation Using a New Ruthenium-Based Agent IL Ana Preto, University of Minho, Portugal
11.15 - 11.30	Title: ITGB2 Activates EGFR and Mediates Erlotinib Resistance in Small Cell Lung Cancer IL Guillermo Barreto, Université de Lorraine, France
11.30 - 11.45	Title: Reduction in Copper Uptake and Suppression of Prostate Cancer Xenograft Tumor Growth in Mice by Novel Steroid-based Compounds IL Fangyu Peng, UT Southwestern Medical Center, USA
11.45 - 12.00	Title: Endogenous and Exogenous Hydrogen Sulfide Suppresses Growth of Human Urothelial Carcinoma Cell Lines IL Elisabetta Panza, Università degli Studi di Napoli Federico II, Italy
12.00 - 12.15	Title: Nitric Oxide and Reactive Oxygen Species in Cancer Cells IL Arnold Stern, NYU Langone Health, USA
12.15 - 12.30	Title: Preventing <i>in vivo</i> Resistance to mTOR Inhibitor by Mediator Kinase Inhibition IL Eugenia Broude, University of South Carolina, USA
12.30 - 12.45	Title: Targeting Cell Metabolism to Overcome Taxane-Based Chemoresistance in High-Grade Serous Ovarian Cancer IL Hadia Moindjie, Gustave Roussy Cancer Center, France

12.45 - 14.00	LUNCH
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2nd SESSION	CHAIRS Eugenia Broude (USA) - Guillermo Barreto (France)
14.00 - 14.20	Title: The Role of SHP-2 Phosphatase in Development of Serrated Colorectal Cancer IL Nathalie Rivard, Université de Sherbrooke, Canada
14.20 - 14.40	Title: The Role of Carbonic Anhydrase IX in Tumor Microenvironment-Induced Inflammatory Cytokine Response IL Eliska Svastova, Biomedical Research Center of the Slovak Academy of Sciences, Slovakia
14.40 - 15.00	Title: Ret Kinase-Mediated Mechanical Induction of Colon Stem Cells by Tumor Growth Pressure Stimulates Cancer Progression <i>in vivo</i> IL Emmanuel Farge, Institut Curie, France
15.00 - 15.15	Title: Future of SMART Cytology – the Personalized Cancer Diagnostic Platform IL Jianyu Rao, University of California, USA
15.15 - 15.30	Title: The Mechanisms of Cancer Stem Cell Radioresistance: DNA Repair and Beyond IL Anna Dubrovská, OncoRay, Germany
15.30 - 15.45	Title: Inferring Ligand-Receptor Interactions from Transcriptomic Data: Application to Salivary Duct Carcinoma Immune Checkpoints and Spatial Transcriptomics IL Jacques Colinge, Institut de Recherche en Cancérologie de Montpellier, France
15.45 - 16.00	Title: Targeting Tumor Fitness Genes as a New Strategy for Ovarian Cancer therapy IL Elena Alexandrova, Università degli Studi di Salerno, Italy
16.00 - 16.15	Title: Image-Guided Nanodelivery of Pt(IV) Prodrugs to PC3 Prostate Cancer Cells Overexpressing the Gastrin-Releasing Peptide Receptor IL Fernanda Marujo Marques, Universidade de Lisboa, Portugal
16.15 - 16.30	Title: Fasting and Ketogenic Diets as Therapies in Cancer IL Matthew CL Phillips, Waikato Hospital, New Zealand



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HONORARY LECTURE	CHAIRS Eugenia Broude (USA) – Guillermo Barreto (France) Introduced by Ciro Isidoro (Italy)
16.30 - 17.15	Title: “Warburg Effect” Controls Tumor Growth, Viral, Bacterial Infections and Immunity - Genetic Deconstruction and Therapeutic Perspectives Jacques Pouyssegur, University of Nice, France
17.15 - 17.30	Group Photo
17.30 - 18.30	Welcome Cocktail
18.30	Free Time

THURSDAY 29TH SEPTEMBER

3rd SESSION	CHAIRS Fatima Baltazar (Portugal) - Pierre Cordelier (France)
08.30 - 08.55	Title: Senescence and Death Induced in Glioblastoma Cells by Alkylating Drugs: Do We Need Senolytics? KL Bernd Kaina, University of Mainz, Germany
08.55 - 09.10	Title: Artificial Intelligence for Supporting Precision Medicine in Lung Cancer Patients: the Clarify Platform IL Maria Torrente, Hospital Universitario Puerta de Hierro Majadahonda, Spain
09.10 - 09.30	Title: The Earliest Integration of Hepatitis B Virus (HBV) into Hepatocyte Genome, Mechanism of Formation and Role in Hepatocellular Carcinoma Oncogenesis IL Thomas I. Michalak, Memorial University of Newfoundland, Canada
09.30 - 09.45	Title: Pancreatic Ductal Adenocarcinoma Ubiquitination Profiling Reveals Specific Prognostic and Theranostic Markers IL Philippe Soubeyran, INSERM, France
09.45 - 10.00	Title: The Nuclear Translocation of p38 and JNK as a Therapeutic Target for Cancer and Inflammation-Induced Diseases IL Galia Maik-Rachline, Weizmann Institute of Science, Israel
10.00 - 10.15	Title: Personalized Gene Targets for Cancer Medicine IL Dumitru Jacobas, Prairie View A&M University, USA
10.15 - 10.30	Title: Promising Biomarkers for the Identification of Circulating Tumor Cells IL Galatea Kallergi, University of Patras, Greece
10.30 - 10.45	Coffee break

4th SESSION	CHAIRS Galia Maik-Rachline (Israel) - Philippe Soubeyran (France)
10.45 - 11.10	Title: Scorpion Expression Associates with Specific Ubiquitinations in Non-Small Cell Lung Cancer KL Vincenzo Coppola, The Ohio State University Medical Center, USA
11.10 - 11.30	Title: UCP2-Mediated Aspartate Transport Supports Pancreatic Cancer Growth IL Giuseppe Fiermonte, Università degli Studi di Bari, Italy
11.30 - 11.45	Title: Going Viral Against Pancreatic Cancer Using Oncolytic Viruses IL Pierre Cordelier, INSERM, France
11.45 - 12.00	Title: Targeting Lactate Transport as a Therapeutic Approach in Glioblastoma IL Fatima Baltazar, University of Minho, Portugal
12.00 - 12.15	Title: B-1 Lymphocytes in the Antitumor Response IL Svetlana Chulkova, National Medical Research Center of Oncology, Russia
12.15 - 12.30	Title: Δ9-tetrahydrocannabinol (THC)-Rich Compositions from Cannabis Have Cytotoxic Activity Against Ovarian Cancer Cells and Act Synergistically with Niraparib IL Hinanit Koltai, Volcani Institute, Israel
12.30 - 12.45	Title: Adenosine and Kynurenes Modulate ILC Subset Distribution and Their Proinflammatory Cytokine Secretion in Human Melanoma IL Giuseppe Ercolano, Università degli Studi di Napoli Federico II, Italy
12.45 - 14.00	LUNCH



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5th SESSION	CHAIRS Yongping Bao (UK) - Emanuela Grassilli (Italy)
14.00 - 14.25	Title: Scalable Drug Combination Design Framework for Cancer Treatment Using Single-Cell RNA-Seq Based Transfer Learning KL Stephen Yi, The University of Texas, USA
14.25 - 14.45	Title: Pathomimetic Cancer Avatars for Identification of Therapeutic Targets IL Raymond Mattingly, East Carolina University, USA
14.45 - 15.05	Title: The DOGBONE Multidisciplinary Platform: Findings, Challenges and Opportunities in Comparative Oncology of Osteosarcoma IL Alicia Vilorio-Petit, University of Guelph, Canada
15.05 - 15.25	Title: A Cis-Regulatory Element Variant of the Polycomb PHC1 Gene Leads to Its Overexpression in Laryngeal Squamous Cell Carcinoma (LSCC) Cell Line IL Maciej Giefling, Polish Academy of Sciences, Poland
15.25 - 15.40	Title: Assessing the Complexity of Oncolytic Virotherapy for Pancreatic Cancer in Patient-Derived Tumor Organoids and Mouse Models IL Cristina Fillat, IDIBAPS, Spain
15.40 - 15.55	Title: Non-steroid Nuclear Receptors as an Achilles' Heel in Advanced Prostate Cancer IL Bandana Chatterjee, UT Health Science Center, San Antonio, USA
15.55 - 16.10	Title: Functional Carbon Nanodots: Novel Theranostic Agents Useful in Precision Cancer Therapy IL Nicolò Mauro, Università degli Studi di Palermo, Italy
16.10 - 16.25	Title: PET/CT Cancer Patient Empowerment Through an Educational Video: Preliminary Results IL Ana Grilo, Universidade de Lisboa, Portugal

16.25 - 16.40	Coffee break
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6th SESSION	CHAIRS Bandana Chatterjee (USA) - Raymond Mattingly (USA)
16.40 - 17.05	Title: The Nuclear Translocation of ERK as a Therapeutic Target for Cancer KL Rony Seger, Weizmann Institute of Science, Israel
17.05 - 17.25	Title: Targeting DCLK1 for Tumor Containment IL Sufi Mary Thomas, University of Kansas Medical Center, USA
17.25 - 17.45	Title: Dietary Isothiocyanates and Cancer Prevention IL Yongping Bao, Norwich Medical School, UK
17.45 - 18.00	Title: Formation of Processing Bodies Biocondensates Fine Tune KRAS and NRAS Translation through a Negative Feedback Loop IL Patrick Brest, Université Côte d'Azur, France
18.00 - 18.15	Title: Targeting p65BTK for Treating Solid Cancers IL Emanuela Grassilli, Università degli Studi Milano Bicocca, Italy
18.15 - 18.30	Title: The Warburg Phenotype of Tumors – a Metabolic Checkpoint IL Kathrin Renner, University Hospital Regensburg, Germany
18.30 - 18.45	Title: Patient Experiences with Videoconferencing in Follow-up from Oncology Nurses in Primary Health Care IL Bente Nordtug, North Universitet, Norway
18.45 - 19.00	Title: In a Mouse Model, Ketogenic Diet After a High-Fat-Diet Regimen Promotes Weight Loss, Glycemic Normalization and Induces Adaptations of Histone PTMs and Ketogenic Pathways in Liver And Kidney IL Luciano Pirola, INSERM, France
19.00 - 19.15	Title: Leptomeningeal Carcinomatosis form Solid Tumors. Novel Ways of Detecting the Problem with Implications for Management and Outcomes IL Maciej M. Mrugala, Mayo Clinic, USA

21.00 - 23.30	GALA DINNER at Holiday Inn Express Lisbon - Alfragide
23.30	Free Cocktail Time



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FRIDAY 30TH SEPTEMBER

7th SESSION	CHAIRS Ana Preto (Portugal) - Danny Dhanasekaran (USA) – Tamara Lah Turnšek (Slovenia)
08.30 - 08.35	Title: Novel Beclin-1-Splicing Isoform: Role in Autophagy in Cancer Cells FC Chinmay Maheshwari, Università del Piemonte Orientale, Italy
08.35 - 08.40	Title: Targeting Tfh/Th2 Cross Talk to Increase Tfh Antitumor Functions FC Christophe Hibos, INSERM, France
08.40 - 08.45	Title: Binding to and Inhibition of Phytochemicals from Matricaria Chamomilla L. to Cyclooxygenase 2 FC Assia Imene Drif, University of Mainz, Germany
08.45 - 08.50	Title: Differential Competitive Outgrowth of Neuroblastoma Cells Transgenic Subclones Expressing Different Levels of Cathepsin D in 2D and 3D Co-Cultures in Response to EGF FC Giulia Camurani, Università del Piemonte Orientale, Italy
08.50 - 08.55	Title: Anticancer Effects of Erucin, an H2S-Releasing Isothiocyanate, on Human Triple Negative Breast Cancer Cells FC Ivana Bello, Università degli Studi di Napoli Federico II, Italy
08.55 - 09.00	Title: Cytotoxicity of ZINC253504760 in CCRF-CEM Leukemic Cells through Inhibition of MEK1/2 Phosphorylation, G2/M Cell Cycle Arrest, and the Induction of Parthanatos-Type Cell Death FC Min Zhou, University of Mainz, Germany
09.00 - 09.05	Title: CAR-T Cell Targeting CD44-v6 Therapy as a Promising Approach for Preclinical Management of Thyroid Cancer FC Narges Roozafzay, Università degli Studi di Palermo, Italy
09.05 - 09.10	Title: mir1305 Promotes Ovarian Cancer Cell Proliferation by Downregulating ARH-I-mediated Autophagy FC Andrea Esposito, Università del Piemonte Orientale, Italy
09.10 - 09.15	Title: Virtual Microdissection of Non-Small Cell Lung Cancer Identifies Transcriptome-Based Tumor-Specific and Immune-Specific Molecular Subtypes FC Sushant Parab, Università degli Studi di Torino, Italy
09.15 - 09.20	Title: Development of Treatment Planning System and Plan Analysis for Flash Radiotherapy with VHEE Electron Beams. Advantages in Stereotactic Radiotherapy for Pancreatic Cancer FC Daniele Carlotti, Policlinico Universitario Campus Biomedico, Italy
09.20 - 09.25	Title: Butyrate Counteracts IL-6-Induced Colorectal Cancer Cell Migration through Autophagosome Sequestration of β -Catenin FC Letizia Vallino, Università del Piemonte Orientale, Italy
09.25 - 09.30	Title: Carbonic Anhydrase IX as a Target for Antibody-Directed Photothermal Therapy in Pancreatic Cancer FC Lucia Csáderová, Biomedical Research Center Slovak Academy of Sciences, Slovakia
09.30 - 09.35	Title: Anticancer Effects of a HDAC Inhibitor, 3 β ,6 β -Dihydroxyurs-12-en-27-oic Acid, in MCF-7 Breast Cancer Cells by Inhibiting Akt/mTOR Pathways FC Kwak Jong Hwan, Sungkyunkwan University, South Korea
09.40 - 09.45	Title: High Expression of Lysosomal Cathepsin D Counteracts EGF-induced Neuroblastoma Cell Growth and Confers Better Prognosis in Neuroblastoma Patients FC Eleonora Secomandi, Università del Piemonte Orientale, Italy
09.45 - 09.50	Title: Novel Stevioside Analog Induced Apoptosis in Breast Cancers FC Ahmed Mohamed Malki Mohamed Youssef, QU Health, Qatar
09.50 - 09.58	Title: <i>BECN1</i> and <i>BRCAl</i> Deficiency Enhances the Chemosensitivity in TP53-Mutated Ovarian Cancer Patients and Confers Better Prognosis SC Salwa Amreen, Università del Piemonte Orientale, Italy
09.58 - 10.06	Title: The Molecular Mechanisms Driving Tumor Budding in Colorectal Cancer through Autophagy Pathway SC Suyanee Thongchot, Siriraj Hospital Mahidol University, Thailand
10.06 - 10.14	Title: Resveratrol Contrasts IL-6 Pro-Growth Effects and Promotes Autophagy-Mediated Cancer Cell Dormancy in 3D Ovarian Cancer Cell Models SC Alessandra Ferraresi, Università del Piemonte Orientale, Italy
10.14 - 10.22	Title: Galactosylated Polymer/Gold nanorods Nanocomposites for Sustained and Pulsed Chemo-Photothermal Treatments of Hepatocarcinoma SC Salvatore Emanuele Drago, Università degli Studi di Palermo, Italy
10.22 - 10.30	Title: Butyrate-Induced Autophagy Degradation of β -Catenin Results in the Inhibition of Colorectal Cancer Cell Proliferation Regardless of APC and β -Catenin Mutational Status SC Beatrice Garavaglia, Università del Piemonte Orientale, Italy
10.30 - 10.38	Title: The Key Ketone Body Catabolic Gene OXCT1 as a Target of Anticancer Therapy? Findings on the Cervical Cancer Cell Line HeLa with CRISPR/Cas9-Mediated OXCT1 Silencing and Overexpression SC Aneta Balcerczyk, University of Lodz, Poland
10.38 - 10.45	Title: Drug-Targeted Activation of the RIG-I Pathway to Develop Novel Combinatorial Therapeutic Approaches Against Human Papillomavirus (HPV)-Associated Cancers SC Carlo Girone, Università del Piemonte Orientale, Italy
10.45 - 11.00	Coffee break



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8th SESSION	CHAIRS Yang Ping (USA) - Mary Taub (USA)
11.00 - 11.25	Title: <i>BRCA2</i> Germline Mutations Identify Gastric Cancers Responsive to PARP Inhibitors KL Silvia Giordano, Università degli Studi di Torino, Italy
11.25 - 11.45	Title: Treatment Resistance and Metabolism in Cancer IL Stefan Kempa, Max Delbruck Center for Molecular Medicine, Germany
11.45 - 12.00	Title: Identifying the MYC-Protein Interactome Reveals New Mechanistic Insights and Therapeutic Opportunities IL Linda Penn, Princess Margaret Cancer Centre, Canada
12.00 - 12.15	Title: 3D Nuclear Architecture Distinguishes Thyroid Cancer Histotypes IL Paola Caria, Università degli Studi di Cagliari, Italy
12.15 - 12.30	Title: PET Radiotracers for Imaging Oxidative DNA Stress in Cancer IL Jinbin Xu, Washington University School of Medicine, USA
12.30 - 12.45	Title: Development of Theranostic Radioswitches for Radiation-Triggered Chemotherapy Approaches IL Guillaume Bort, Institut Lumière Matière, France
12.45 - 13.00	Title: Targeted Axillary Dissection: What, Why, and How to Do It IL Kyungmin Shin, MD Anderson Cancer Center, USA
13.00 - 13.15	Title: Understanding parasites and cancer in the United States IL Omar Amin, Parasitology Center Inc., USA
13.15 - 14.30	LUNCH
9th SESSION	CHAIRS Linda Penn (Canada) - Stefan Kempa (Germany)
14.30 - 14.50	Title: Organoid models for predicting drug responses in high grade serous cancer IL David Andrews, Sunnybrook Research Institute, Canada
14.50 - 15.05	Title: The role of Oncometabolite L-2-hydroxyglutarate induced epigenetic changes in blocking kidney tubulogenesis, and promoting renal cancer IL Mary Taub, State University of NY, Buffalo Jacobs School of Medicine and Biomedical Sciences, USA
15.05 - 15.20	Title: Recent advances in Understanding Small-Cell Lung Cancer: Epigenomic and Pathoclinical Findings from A 20-Year Mayo Clinic Patient Cohort IL Yang Ping, Mayo Clinic, USA
15.20 - 15.35	Title: Inhibition of Mammary Stem Cell Function and Early-Stage Breast Cancer Progression by mTOR Inhibitors IL Luzhe Sun, University of Texas Health Science Center, USA
15.35 - 15.50	Title: Clinical Utility of Soluble HLA-G Molecule in the Prognosis of Gastric Cancer IL Josefa Antonia Rodríguez, Instituto Nacional de Cancerología, Colombia
15.50 - 16.05	Title: Metronomic Treatment with 5-Fluorouracil Plus Vinorelbine Inhibits Proliferation and Migration of Endothelial and Triple-Negative Breast Cancer Cells Via Autophagy/Apoptosis Induction IL Maria Grazia Cerrito, Università degli Studi Milano Bicocca, Italy
16.05 - 16.20	Title: Mitochondrial Mechanisms Involved in Mitochondrial "Firewall" Induced by Mitochondria-Targeted Photodynamic Coupling of Tris-Malonic Acid Dullerene and 543 nm Laser IL Mei-Jie Jou, Chang Gung University, Taiwan
16.20 - 16.35	Title: Novel Porcine Models of Human Cancers: a Tool for Discovery IL Tatiana Flisikowska, TU Munchen, Germany
16.35 - 16.50	Title: The Interplay of CD98hc and CD147 for Regulation of Prostate Cancer Stemness and Radioresistance IL Pu Xia, OncoRay, Germany
16.50 - 17.05	Title: Introducing safranal as a novel anti-cancer drug IL Amr Amin, UAE University, United Arab Emirates
17.05 - 17.20	Title: IL Kenneth Ramos, Texas A&M University, USA
17.20 - 17.35	Title: Autophagy in Cancer: Where We Are, Where We Go Ciro Isidoro, Università del Piemonte Orientale, Italy
17.40 - 18.10	AWARD CEREMONY (Group Photo)
18.10 - 18.20	CLOSING CEREMONY
18.30 - 19.45	Farewell Party



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KEYNOTE SPEAKERS (Lecture=25 min)

1st SESSION (Wednesday 28th, 09.30 - 12.45)

Title: Oncogenic Splice-Switching by the Long Non-Coding RNA UCA1 in Ovarian Cancer

Danny Dhanasekaran, The University of Oklahoma Health Sciences Center, USA

Title: Thyroid Hormone and Thyromimetics in the Treatment of Hepatocellular Carcinoma

Amedeo Columbano, Università degli Studi di Cagliari, Italy

3rd SESSION (Thursday 29th 08.30 - 10.30)

Title: Senescence and Death Induced in Glioblastoma Cells by Alkylating Drugs: Do We Need Senolytics?

Bernd Kaina, University of Mainz, Germany

4th SESSION (Thursday 29th 10.45 - 12.45)

Title: Scorpion Expression Associates With Specific Ubiquitinations in Non-Small Cell Lung Cancer

Vincenzo Coppola, The Ohio State University Medical Center, USA

5th SESSION (Thursday 29th 14.00 - 16.25)

Title: Scalable Drug Combination Design Framework for Cancer Treatment Using Single-Cell RNA-Seq Based Transfer Learning

Stephen Yi, The University of Texas, USA

6th SESSION (Thursday 29th 16.40 - 19.15)

Title: The Nuclear Translocation of ERK as a Therapeutic Target for Cancer

Rony Seger, Weizmann Institute of Science, Israel

8th SESSION (Friday 30th 11.00 - 13.00)

Title: BRCA2 Germline Mutations Identify Gastric Cancers Responsive to PARP Inhibitors

Silvia Giordano, Università degli Studi di Torino, Italy

9th SESSION (Friday 30th 14.10 - 17.40)

Title: Autophagy in Cancer: Where We Are, Where We Go

Ciro Isidoro, Università del Piemonte Orientale, Italy

INVITED SPEAKERS (Invited Lecture=20 min or 15 min)

1st SESSION (Wednesday 28th, 09.30 - 12.45)

Title: Cannabigerol is a Potential Therapeutic Agent in a Novel Combined Therapy Targeting Glioblastoma Stem Cells

Tamara Lah Turnšek, National Institute of Biology, Slovenia

Title: Precision Targeting of Cancer with CRISPR

Mats Ljungman, University of Michigan, USA

Title: Specific Targeting for Colorectal Cancer Harboring KRAS Mutation Using a New Ruthenium-Based Agent

Ana Preto, University of Minho, Portugal

Title: ITGB2 Activates EGFR and Mediates Erlotinib Resistance in Small Cell Lung Cancer

Guillermo Barreto, Université de Lorraine, France

Title: Reduction in Copper Uptake and Suppression of Prostate Cancer Xenograft Tumor Growth in Mice by Novel Steroid-based Compounds

Fangyu Peng, UT Southwestern Medical Center, USA

Title: Endogenous and Exogenous Hydrogen Sulfide Suppresses Growth of Human Urothelial Carcinoma Cell Lines

Elisabetta Panza, Università degli Studi di Napoli Federico II, Italy



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Title: Nitric Oxide and Reactive Oxygen Species in Cancer Cells

Arnold Stern, NYU Langone Health, USA

Title: Preventing *in vivo* Resistance to mTOR Inhibitor by Mediator Kinase Inhibition

Eugenia Broude, University of South Carolina, USA

Title: Targeting Cell Metabolism to Overcome Taxane-Based Chemoresistance in High-Grade Serous Ovarian Cancer

Hadia Moindjie, Gustave Roussy Cancer Center, France

2nd SESSION (Wednesday 28th, 14.00 - 16.30)

Title: The Role of SHP-2 Shosphatase in Development of Serrated Colorectal Cancer

Nathalie Rivard, Université de Sherbrooke, Canada

Title: The Role of Carbonic Anhydrase IX in Tumor Microenvironment-Induced Inflammatory Cytokine Response

Eliska Svastova, Biomedical Research Center of the Slovak Academy of Sciences, Slovakia

Title: Ret Kinase-Mediated Mechanical Induction of Colon Stem Cells by Tumor Growth Pressure Stimulates Cancer Progression *in vivo*

Emmanuel Farge, Institut Curie, France

Title: Future of SMART Cytology – the Personalized Cancer Diagnostic Platform

Jianyu Rao, University of California, USA

Title: The Mechanisms of Cancer Stem Cell Radioresistance: DNA Repair and Beyond

Anna Dubrovskaya, OncoRay, Germany

Title: Inferring Ligand-Receptor Interactions from Transcriptomic Data: Application to Salivary Duct Carcinoma Immune Checkpoints and Spatial Transcriptomics

Jacques Colinge, Institut de Recherche en Cancérologie de Montpellier, France

Title: Targeting Tumor Fitness Genes as a New Strategy for Ovarian Cancer Therapy

Elena Alexandrova, Università degli Studi di Salerno, Italy

Title: Image-Guided Nanodelivery of Pt(IV) Prodrugs to PC3 Prostate Cancer Cells Overexpressing the Gastrin-Releasing Peptide Receptor

Fernanda Marujo Marques, Universidade de Lisboa, Portugal

Title: Fasting and Ketogenic Diets as Therapies in Cancer

Matthew CL Phillips, Waikato Hospital, New Zealand

3rd SESSION (Thursday 29th 08.30 - 10.30)

Title: Artificial Intelligence for Supporting Precision Medicine in Lung Cancer Patients: the Clarify Platform

Maria Torrente, Hospital Universitario Puerta de Hierro Majadahonda, Spain

Title: The Earliest Integration of Hepatitis B Virus (HBV) into Hepatocyte Genome, Mechanism of Formation and Role in Hepatocellular Carcinoma Oncogenesis

Thomas I. Michalak, Memorial University of Newfoundland, Canada

Title: Pancreatic Ductal Adenocarcinoma Ubiquitination Profiling Reveals Specific Prognostic and Theranostic Markers

Philippe Soubeyran, INSERM, France

Title: The Nuclear Translocation of p38 and JNK as a Therapeutic Target for Cancer and Inflammation-Induced Diseases

Galia Maik-Rachline, Weizmann Institute of Science, Israel

Title: Personalized Gene Targets for Cancer Medicine

Dumitru Iacobas, Prairie View A&M University, USA

Title: Promising Biomarkers for the Identification of Circulating Tumor Cells

Galatea Kallergi, University of Patras, Greece



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4th SESSION (Thursday 29th 10.45 - 12.45)

Title: UCP2-Mediated Aspartate Transport Supports Pancreatic Cancer Growth

Giuseppe Fiermonte, Università degli Studi di Bari, Italy

Title: Going Viral Against Pancreatic Cancer Using Oncolytic Viruses

Pierre Cordelier, INSERM, France

Title: Targeting Lactate Transport as a Therapeutic Approach in Glioblastoma

Fatima Baltazar, University of Minho, Portugal

Title: B-1 Lymphocytes in the Antitumor Response

Svetlana Chulkova, National Medical Research Center of Oncology, Russia

Title: Δ^9 -Tetrahydrocannabinol (THC)-Rich Compositions from Cannabis Have Cytotoxic Activity Against Ovarian Cancer Cells and Act Synergistically with Niraparib

Hinanit Koltai, Volcani Institute, Israel

Title: Adenosine and Kynurenines Modulate ILC Subset Distribution and Their Proinflammatory Cytokine Secretion in Human Melanoma

Giuseppe Ercolano, Università degli Studi di Napoli Federico II, Italy

5th SESSION (Thursday 29th 14.00 - 16.25)

Title: Pathomimetic Cancer Avatars for Identification of Therapeutic Targets

Raymond Mattingly, East Carolina University, USA

Title: The DOGBone Multidisciplinary Platform: Findings, Challenges and Opportunities in Comparative Oncology of Osteosarcoma

Alicia Vilorio-Petit, University of Guelph, Canada

Title: A Cis-Regulatory Element Variant of the Polycomb PHC1 Gene Leads to Its Overexpression in Laryngeal Squamous Cell Carcinoma (LSCC) Cell Line

Maciej Gieffing, Polish Academy of Sciences, Poland

Title: Assessing the Complexity of Oncolytic Virotherapy for Pancreatic Cancer in Patient-Derived Tumor Organoids and Mouse Models

Cristina Fillat, IDIBAPS, Spain

Title: Non-Steroid Nuclear Receptors as an Achilles' Heel in Advanced Prostate Cancer

Bandana Chatterjee, UT Health Science Center, San Antonio, USA

Title: Functional Carbon Nanodots: Novel Theranostic Agents Useful in Precision Cancer Therapy

Nicolò Mauro, Università degli Studi di Palermo, Italy

Title: PET/CT Cancer Patient Empowerment through an Educational Video: Preliminary Results

Ana Grilo, Universidade de Lisboa, Portugal

6th SESSION (Thursday 29th 16.40 - 19.15)

Title: Targeting DCLK1 for Tumor Containment

Sufi Mary Thomas, University of Kansas Medical Center, USA

Title: Dietary Isothiocyanates and Cancer Prevention

Yongping Bao, Norwich Medical School, UK

Title: Formation of Processing Bodies Biocondensates Fine Tune KRAS and NRAS Translation through a Negative Feedback Loop

Patrick Brest, Université Côte d'Azur, France

Title: Targeting P65BTK for Treating Solid Cancers

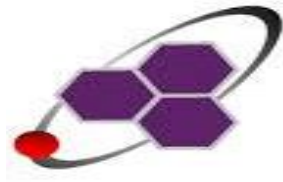
Emanuela Grassilli, Università degli Studi Milano Bicocca, Italy

Title: The Warburg Phenotype of Tumors – a Metabolic Checkpoint

Kathrin Renner, University Hospital Regensburg, Germany

Title: Patient Experiences with Videoconferencing in Follow-up from Oncology Nurses in Primary Health Care

Bente Nordtug, North Universitet, Norway



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Title: In a Mouse Model, Ketogenic Diet After a High-Fat-Diet Regimen Promotes Weight Loss, Glycemic Normalization and Induces Adaptations of Histone PTMs and Ketogenic Pathways in Liver and Kidney

Luciano Pirola, INSERM, France

Title: Leptomeningeal Carcinomatosis from Solid Tumors. Novel Ways of Detecting the Problem with Implications for Management and Outcomes

Maciej M. Mrugala, Mayo Clinic, USA

8th SESSION (Friday 30th 11.00 - 13.00)

Title: Treatment Resistance and Metabolism in Cancer

Stefan Kempa, Max Delbrück Center for Molecular Medicine, Germany

Title: Identifying the MYC-Protein Interactome Reveals New Mechanistic Insights and Therapeutic Opportunities

Linda Penn, Princess Margaret Cancer Centre, Canada

Title: 3D Nuclear Architecture Distinguishes Thyroid Cancer Histotypes

Paola Caria, Università degli Studi di Cagliari, Italy

Title: PET Radiotracers for Imaging Oxidative DNA Stress in Cancer

Jinbin Xu, Washington University School of Medicine, USA

Title: Development of Theranostic Radioswitches for Radiation-Triggered Chemotherapy Approaches

Guillaume Bort, Institut Lumière Matière, France

Title: Targeted Axillary Dissection: What, Why, and How to Do It

Kyungmin Shin, MD Anderson Cancer Center, USA

9th SESSION (Friday 30th 14.10 - 17.40)

Title: Organoid Models for Predicting Drug Responses in High Grade Serous Cancer

David Andrews, Sunnybrook Research Institute, Canada

Title: The Role of Oncometabolite L-2-Hydroxyglutarate Induced Epigenetic Changes in Blocking Kidney Tubulogenesis, and Promoting Renal Cancer

Mary Taub, State University of NY, Buffalo Jacobs School of Medicine and Biomedical Sciences, USA

Title: Understanding Parasites and Cancer in the United States

Omar Amin, Parasitology Center Inc., USA

Title: Recent Advances in Understanding Small-Cell Lung Cancer: Epigenomic and Pathoclinical Findings from a 20-Year Mayo Clinic Patient Cohort

Yang Ping, Mayo Clinic, USA

Title: Inhibition of Mammary Stem Cell Function and Early-Stage Breast Cancer Progression by mTOR Inhibitors

Luzhe Sun, University of Texas Health Science Center, USA

Title: Clinical Utility of Soluble HLA-G Molecule in the Prognosis of Gastric Cancer

Josefa Antonia Rodríguez, Instituto Nacional de Cancerología, Colombia

Title: Metronomic Treatment with 5-Fluorouracil Plus Vinorelbine Inhibits Proliferation and Migration of Endothelial and Triple-Negative Breast Cancer Cells Via Autophagy/Apoptosis Induction

Maria Grazia Cerrito, Università degli Studi Milano Bicocca, Italy

Title: Mitochondrial Mechanisms Involved in Mitochondrial “Firewall” Induced by Mitochondria-Targeted Photodynamic Coupling of Tris-Malonic Acid Fullerene and 543 nm Laser

Mei-Jie Jou, Chang Gung University, Taiwan

Title: Novel Porcine Models of Human Cancers: A Tool for Discovery

Tatiana Flisikowska, TU Munchen, Germany

Title: The Interplay of CD98hc and CD147 for Regulation of Prostate Cancer Stemness and Radioresistance

Pu Xia, OncoRay, Germany

Title: Introducing safranal as a novel anti-cancer drug

Amr Amin, UAE University, United Arab Emirates

Title:

Kenneth Ramos, Texas A&M University, USA



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7th SESSION (Friday 30th 08.30 - 10.40) **(replace Poster presentation) Special Awards for <35y Presenters**

Flash Communication (5 min)

Title: Novel Beclin-1-Splicing isoform: Role in Autophagy in Cancer Cells

Chinmay Maheshwari, Università del Piemonte Orientale, Italy

Title: Targeting Tfh/Th2 Cross Talk to Increase Tfh Antitumor Functions

Christophe Hibos, INSERM, France

Title: Binding to and Inhibition of Phytochemicals from Matricaria Chamomilla L. to Cyclooxygenase 2

Assia Imene Drif, University of Mainz, Germany

Title: Differential Competitive Outgrowth of Neuroblastoma Cells Transgenic Subclones Expressing Different Levels of Cathepsin D in 2D and 3D Co-Cultures in Response to EGF

Giulia Camurani, Università del Piemonte Orientale, Italy

Title: Anticancer Effects of Erucin, an H₂S-Releasing Isothiocyanate, on Human Triple Negative Breast Cancer Cells

Ivana Bello, Università degli Studi di Napoli Federico II, Italy

Title: Cytotoxicity of ZINC253504760 in CCRF-CEM Leukemic Cells through Inhibition of MEK1/2 Phosphorylation, G₂/M Cell Cycle Arrest, and the Induction of Parthanatos-Type Cell Death

Min Zhou, University of Mainz, Germany

Title: CAR-T Cell Targeting CD44-v6 Therapy as a Promising Approach for Preclinical Management of Thyroid Cancer

Narges Roozafzay, Università degli Studi di Palermo, Italy

Title: mir1305 Promotes Ovarian Cancer Cell Proliferation by Downregulating ARH-I-Mediated Autophagy

Andrea Esposito, Università del Piemonte Orientale, Italy

Title: Virtual Microdissection of Non-Small Cell Lung Cancer Identifies Transcriptome-Based Tumor-Specific and Immune-Specific Molecular Subtypes

Sushant Parab, Università degli Studi di Torino, Italy

Title: Development of Treatment Planning System and Plan Analysis for Flash Radiotherapy with VHEE Electron Beams. Advantages in Stereotactic Radiotherapy for Pancreatic Cancer

Daniele Carlotti, Policlinico Universitario Campus Biomedico, Italy

Title: Butyrate Counteracts IL-6-Induced Colorectal Cancer Cell Migration through Autophagosome Sequestration of β -Catenin

Letizia Vallino, Università del Piemonte Orientale, Italy

Title: Carbonic Anhydrase IX as a Target for Antibody-Directed Photothermal Therapy in Pancreatic Cancer

Lucia Csáderová, Biomedical Research Center Slovak Academy of Sciences, Slovakia

Title: Anticancer Effects of a HDAC Inhibitor, 3 β ,6 β -Dihydroxyurs-12-en-27-oic Acid, in MCF-7 Breast Cancer Cells by Inhibiting Akt/mTOR Pathways

Kwak Jong Hwan, Sungkyunkwan University, South Korea

Title: High Expression of Lysosomal Cathepsin D Counteracts EGF-induced Neuroblastoma Cell Growth and Confers Better Prognosis in Neuroblastoma Patients

Eleonora Secomandi, Università del Piemonte Orientale, Italy

Title: Novel Stevioside Analog Induced Apoptosis in Breast Cancers

Ahmed Mohamed Malki Mohamed Youssef, QU Health, Qatar

Short Communication (8 min)

Title: *BECN1* and *BRCA1* Deficiency Enhances the Chemosensitivity in *TP53*-Mutated Ovarian Cancer Patients and Confers Better Prognosis

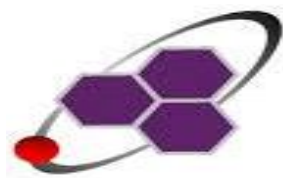
Salwa Amreen, Università del Piemonte Orientale, Italy

Title: The Molecular Mechanisms Driving Tumor Budding in Colorectal Cancer through Autophagy Pathway

Suyanee Thongchot, Siriraj Hospital Mahidol University, Thailand

Title: Resveratrol Contrasts IL-6 Pro-Growth Effects and Promotes Autophagy-Mediated Cancer Cell Dormancy in 3D Ovarian Cancer Cell Models

Alessandra Ferraresi, Università del Piemonte Orientale, Italy



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Title: Galactosylated Polymer/Gold nanorods Nanocomposites for Sustained and Pulsed Chemo-photothermal Treatments of Hepatocarcinoma

Salvatore Emanuele Drago, Università degli Studi di Palermo, Italy

Title: Butyrate-Induced Autophagy Degradation of β -Catenin Results in the Inhibition of Colorectal Cancer Cell Proliferation Regardless of APC and β -Catenin Mutational Status

Beatrice Garavaglia, Università del Piemonte Orientale, Italy

Title: The Key Ketone Body Catabolic Gene OXCT1 as a Target of Anticancer Therapy? Findings on the Cervical Cancer Cell Line HeLa with CRISPR/Cas9-Mediated OXCT1 Silencing and Overexpression

Aneta Balcerczyk, University of Lodz, Poland

Title: Drug-Targeted Activation of the RIG-I Pathway to Develop Novel Combinatorial Therapeutic Approaches Against Human Papillomavirus (HPV)-Associated Cancers

Carlo Girone, Università del Piemonte Orientale, Italy