



**6th Congress of SDIR**  
**From Collaboration to Innovation in**  
**Cancer Research**  
Royal Inn Hotel, Belgrade

**SCIENTIFIC PROGRAMME**

**Monday, October 02, 2023**

**8.00 – 19.00 Registration**

**9.00 – 9.20 Opening Ceremony**

Prof. Dr Danica Grujičić, *Ministress of Health of the Republic of Serbia*

Dr Marina Soković, *Assistant Ministress of Science, Technological Development, and Innovations of the Republic of Serbia*

Dr Ivan Rakonjac, *Managing Director of the Innovation Fund of the Republic of Serbia*

Ass. Prof. Dr Milan Žegarac, *Acting Director of the Institute for Oncology and Radiology of Serbia*

Dr Mirjana Mihailović, *Director of the Institute for Biological Research “Siniša Stanković”, University of Belgrade, Serbia*

Dr Marjana Brkić, *Acting Director of the Center for the Promotion of Science of the Republic of Serbia*

Prof. Dr Katarina Zeljić, *SDIR-6 Congress Organizing Committee Chair*

Dr Milena Čavić, *SDIR President, SDIR-6 Congress Scientific Committee Chair*

**9.20 – 10.30 SDIR Annual Awardees for the Best Scientific Publications in the Field of Cancer Research and SDIR Scientific Days Representatives**

Chairs: Milica Pešić, Ivana Matić

Invited Lecture 1

Dušan Ružić, *Faculty of Pharmacy, University of Belgrade*

*Discovery of novel HDAC inhibitors for therapy of triple-negative breast cancer – preclinical study (15’)*

Invited Lecture 2

Ana Božović, *“VINČA” Institute of Nuclear Sciences-National Institute of the Republic of Serbia, University of Belgrade, Belgrade, Serbia*

*Estrogen receptor beta promoter methylation as a possible biomarker in breast cancer (15’)*

Invited Lecture 3

**Tanja Soldatović**, SDIR Scientific Days Representative from the State University of Novi Pazar, Serbia

*A new approach to the design of metal-based antineoplastic drugs (15')*

Invited Lecture 4

**Milena Milutinović**, SDIR Scientific Days Representative from the University of Kragujevac, Serbia

*Approaches to targeting cancer cell resistance in preclinical research (15')*

Discussion (10')

### **10.30 – 11.10 Roche Diagnostics Sponsored Panel Discussion**

*"The role of genomic profiling in cancer patient journey"*

Gilles Erb, Roche

Radmila Janković, Institute for Oncology and Radiology of Serbia

Branka Zukić, Institute for Molecular Genetics and Genetic Engineering, University of Belgrade

Marija Denčić Fekete, Institute of Pathology, Faculty of Medicine, University of Belgrade, Serbia

Join Zoom Meeting

<https://us06web.zoom.us/j/89349807911?pwd=XPR4T7z6wQA5EvQabJ7LmPLajk8VH.1>

Meeting ID: 893 4980 7911

Passcode: 779745

### **11.10 – 11.40 Coffee break & e-poster viewing**

### **11.40 – 12.00 AstraZeneca Sponsored Session**

*"Precision Medicine in Ovarian and Breast Cancer - focus on HRD and BRCA testing"*

Radmila Janković, Institute for Oncology and Radiology of Serbia

Ana Krivokuća, Institute for Oncology and Radiology of Serbia

### **12.00 – 12.50 Tumor Metabolism and Biology**

Session Chairs: Ljubica Harhaji-Trajković, Ana Podolski-Renić

Invited Lecture

**Katja Ester**, Ruđer Bošković Institute, Croatia

*Small hydrophobic molecules in multi-targeted cancer therapy: disruption of plasma membrane and mitochondrial functions (20')*

Oral presentations selected from abstracts

**Fani Koutsougianni**, University of Thessaly, Greece

*The PDK-1 inhibitor GSK2334470 induces cell death and G1 cell cycle arrest in human pancreatic cancer cells (8')*

**Ayca Uvez**, Medical Faculty of Istinye University, Turkey

*Suppressor effects of the mixed ligand Platinum (II) saccharinate complexes (trans-[Pt (sac)<sub>2</sub>(PPh<sub>3</sub>)<sub>2</sub>] and trans-[Pt (sac)<sub>2</sub> (PPh<sub>2</sub>Cy)<sub>2</sub>]) on in vitro and in vivo angiogenesis (8')*

Discussion (10')

### **12.50 – 13.30 Epigenetics and Gene Regulation in Cancer**

Session Chairs: Katarina Zeljić, Nina Petrović

Invited Lecture

**Jovana Despotović**, Institute of Molecular Genetics and Genetic Engineering, University of Belgrade, Serbia

*Good cop-bad cop: different roles of hsa-miR-93-5p in colorectal cancer (20')*

Oral presentation selected from abstracts

**Chiara Mazziotta**, University of Ferrara, Italy

*All-trans retinoic acid activities in Merkel cell carcinoma: implication of the retinoic gene signature (8')*

Discussion (10')

### **13.30 – 15.00 Lunch**

### **15.00 – 16.00 Interactive e-Poster Session**

Session Chair: Ana Krivokuća

Join Zoom Meeting

<https://us06web.zoom.us/j/84172738693?pwd=QOSbgAG6aopQE2r55KzjpgI9qXmCg3.1>

Meeting ID: 841 7273 8693

Passcode: 672752

### **16.00 – 16.20 CeGaT Sponsored Session**

Dr Dirk Biskup, Managing Director

## **16.20 – 17.00 Bioinformatics and Artificial Intelligence in Cancer Research**

Session Chairs: Miljana Tanić, Thomas Mohr

Invited Lecture

**Thomas Mohr**, Center for Cancer Research and Comprehensive Cancer Center, Medical University of Vienna, Austria

*Network based approaches in cancer research - chances and challenges (20`)*

Oral presentation selected from abstracts

**Mladen Marinković**, Institute for Oncology and Radiology of Serbia

*Predicting response to chemoradiotherapy in locally advanced rectal cancer using MRI-based radiomics features (8`)*

Discussion (10`)

## **17.00 – 17.30 Coffee break & e-poster viewing**

### **17.30 - 18.10 Omics Approaches in Cancer Research**

Session Chairs: Marko Radulović, Ieronymos Zoidakis

Invited Lecture

**Martina Bosić**, School of Medicine, University of Belgrade, Serbia

*Tackling omics research in pathology in a low-budget setting (20`)*

Oral presentation selected from abstracts

**Jelena Knežević**, Ruđer Bošković Institute, Croatia

*Transcriptomic profiling of the early stage squamous cell lung cancer (8`)*

Discussion (10`)

### **18.10 - 19.00 Therapy Response and Resistance**

Session Chairs: Jelena Dinić, Konstantinos Dimas

Invited Lecture

**Jelena Grahovac**, Institute for Oncology and Radiology of Serbia, Serbia

*Sex as a biological variable in preclinical melanoma research (15`)*

Oral presentations selected from abstracts

**Neda Slade**, Ruđer Bošković Institute, Croatia

*The role of p53 family in melanoma development and therapy resistance (8`)*

**Milica Pajović**, Institute for Biological Research “Siniša Stanković”, University of Belgrade, Serbia

*The anticancer effects of triterpene saponin deglucocyclamine isolated from *Cyclamen hederifolium* (8')*

**Ekatarina Mihajlović**, Institute for Biological Research “Siniša Stanković”, University of Belgrade, Serbia

*The effect of diiron thiocarbonyl complex on tumor cells of different grade (8')*

Discussion (10')

## **19.00 Day One Conclusion & Networking**

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**Tuesday, October 03, 2023**

### **8.30 – 19.00 Registration**

### **9.00 – 10.00 Clinical and Translational Oncology**

Session Chairs: Milena Čavić, Remond Fijneman

Invited Lectures

**Jelena Spasić**, Institute for Oncology and Radiology of Serbia, Serbia

*Importance of adequate molecular diagnostics in the era of precision oncology - focus on lung cancer (15')*

**Sofija Jovanović Stojanov**, University of Belgrade, Institute for Biological Research “Siniša Stanković”, National Institute of the Republic of Serbia

*High-throughput screening of multidrug-resistance markers in non-small cell lung carcinoma patient-derived cells - contribution to personalized treatment (15')*

Oral presentations selected from abstracts

**Teodora Komazec**, Institute for Biological Research “Siniša Stanković”, University of Belgrade, Serbia

*The effects of cisplatin-ibuprofen conjugate free and immobilized in mesoporous nanostructured silica on the change of morphology of mouse melanoma cells, and antitumor potential in vivo (8')*

**Irena Jovanić**, Institute for Oncology and Radiology of Serbia

*Role of Claudins 3, 4 and 7 in Triple Negative Breast Cancer progression (8')*

Discussion (10`)

**10.00 – 10.40 Immunooncology**

Session Chairs: Tatjana Simić, Jelena Spasić

Invited Lecture

**Katarina Mirjačić-Martinović**, Institute for Oncology and Radiology of Serbia, Serbia

*Circulating cytokines as potential biomarkers of disease progression in BRAFwt metastatic melanoma patients receiving anti-PD-1 therapy (15`)*

Oral presentations selected from abstracts

**Milica Perišić Nanut**, Jozef Stefan Institute, Slovenia

*Impairment of cystatin F activation can increase the cytotoxicity of NK cells (8`)*

**Alexey A. Bogdanov**, Oncological Center N.P. Napalkova, Russia

*Cisplatin-Killed Cells as a Preferable Method for Generating Tumor Cell-Based Vaccines (8`)*

Discussion (10`)

**10.40 – 11.00 ELTA 90 MEDICAL SCIENCE Sponsored Session**

*“NGS somatic mutation testing of BRCA genes in ovarian cancer patients”*

**Katarina Živić**, Institute for Oncology and Radiology of Serbia, Serbia

**11.00 – 11.30 Coffee break & e-poster viewing**

**11.30 – 12.20 New and Challenging Drug Targets**

Session Chairs: Nevenka Gligorijević, Cristina Xavier

Invited Lecture

**Cristina Xavier**, Cancer Drug Resistance Group, i3S/IPATIMUP, Porto, Portugal

*Targeting chitinase 3-like 1 for the treatment of pancreatic cancer (15`)*

Oral presentations selected from abstracts

**Petar Ozretić**, Ruđer Bošković Institute, Croatia

*Modes of activity and prognostic significance of the Hedgehog-GLI signaling pathway in prostate cancer (8`)*

**Drenka Trivanović**, Institute for Medical Research, University of Belgrade, Serbia

*Platelet-released factors boost proliferation of multiple myeloma cells and changes in bone marrow stroma with implications of NFκB pathway involvement (8`)*

Dimitra Alexopoulou, University of Thessaly, Greece

*In vitro anticancer activity of kaempferol-derived flavonoids against pancreatic adenocarcinoma (8')*

Discussion (10')

## **12.20 - 13.10 Pathways to Innovation in Cancer Research**

Session Chairs: Radmila Janković, Chiara Ambrogio

Invited Lecture

Snežana Bjelogrić, Institute for Oncology and Radiology of Serbia, Serbia

*Establishment of a first cancer Biobank at the Institute for Oncology and Radiology of Serbia – advantages, challenges and future perspectives (15')*

Oral presentations selected from abstracts

Kristina Živić, Institute for Oncology and Radiology of Serbia, Serbia

*Characterization of heterogeneity of cancer-associated fibroblasts isolated from PDAC patients (8')*

Ivana Pašić, Institute for Oncology and Radiology of Serbia, Serbia

*Exploring the anticancer activity of essential oil of *Satureja montana* L. from Montenegro (8')*

Guillaume Medard, National & Kapodistrian University of Athens, Greece

*Amassing a treasure trove for drug repurposing using chemoproteomics (8')*

Discussion (10')

## **13.10- 13.30 Altium Sponsored session**

### **13.30 - 15.00 Lunch Break**

## **15.00 - 17.00 National and Regional Cooperation**

Session Panelists: Milica Pešić (SDIR), Radmila Janković (SDIR), Petar Ozretić (HDIR), Engin Ulukaya (MOKAD), Rene Bernards (EACR)

Milica Popović, University of Belgrade, Faculty of Chemistry, Department of Biochemistry, representing the Serbian Society for Extracellular Vesicles (SrbEV)

*Advancing reversible immunocapture toward scalable purification of extracellular vesicles (15')*

**Engin Ulukaya**, Medical Faculty of Istinye University, Istanbul, Turkey, representing the Molecular Cancer Research Association of Turkey (MOKAD)

*Dying of cancer cells feeds the others to create more aggressive tumor (15')*

**Maja Sabol**, Ruđer Bošković Institute, Zagreb, Croatia, representing the Croatian Association for Cancer Research (HDIR)

*The role of Hedgehog signaling pathway in plasticity, stemness and resistance of melanoma (15')*

**Ivana Božović Spasojević**, Institute for Oncology and Radiology of Serbia, representing the Serbian Society of Medical Oncology (UMOS)

*What is new in care of adolescents and young adults with cancer (15')*

**Marija Mojić**, University of Belgrade, Institute for Biological Research "Siniša Stanković", National Institute of the Republic of Serbia, representing the Biochemical Society of Serbia (BDS)

*Control of IFN- $\gamma$  responsiveness and metastatic potential in melanoma by GSTA4 (15')*

**Zorana Dobrijević**, Institute for the Application of Nuclear Energy, Belgrade, Serbia, representing the Serbian Society for Molecular Biology (MolBioS)

*MicroRNAs - biomarker properties in prostate cancer (15')*

**Marija Denčić Fekete**, Institute of Pathology, Faculty of Medicine, University of Belgrade, Serbia, representing the Serbian Genetic Society (DGS)

*Significance of molecular diagnostics in therapy of chronic lymphocytic leukemia (15')*

**Panel discussion on national and regional cooperation perspectives (20')**

**17.00– 17.30 Coffee break**

**17.30– 18.30 Plenary Session**

**Session Chairs:** Rene Bernards, Chiara Ambrogio, Milena Čavić

Plenary Lectures

**Prof. Rene Bernards**, EACR President, Functional Cancer Genetics Group, the Netherlands Cancer Institute, the Netherlands

*Unconventional approaches to the treatment of cancer (25')*

**Prof. Chiara Ambrogio**, EACR Board Member, Department of Molecular Biotechnology and Health Sciences, Molecular Biotechnology Center, University of Torino, Italy

*Targeting KRAS: achievements and drawbacks (25')*



Discussion (10`)

### **18.30- 19.00 Award Ceremony**

**18.30 – 18.40** Launch of Oncology Insights- the official Journal of the Serbian Association of Cancer Research  
Ana Damjanović Veličković, Managing Editor

**18.40 – 18.50** SDIR Awards for Best Scientific Publication and Acknowledgements for SDIR supporters

**18.50 – 19.00** EACR-sponsored and SDIR-sponsored Best Abstract Awards

### **19.00 Day Two Conclusion & Networking**

#### **19.15 – 20.15 Guided City Tour**

**20.15 – 21.00 Social Event** – Traditional Dance Evening by Cultural Artistic Ensemble “Lola”, Resavska 11, Belgrade

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### **Wednesday, October 04, 2023**

#### **9.00 – 10.00 Meet the Experts Session**

Prof. Chiara Ambrogio, Prof. Rene Bernards, Prof. Thomas Mohr, Prof. Ieronymos Zoidakis, Dr Remond Fijneman

#### **10.00 – 10.30 SDIR PhD Students’ Section Launch**

Session Chairs: Katarina Zeljić, Aleksandra Nikolić, Dušan Ružić

#### **10.30 Congress Conclusions**

#### **10.30 – 18.30 SDIR-6 Congress Complimentary Satellite Symposium**

STEPUPIORS Horizon Europe Project Post-award Grant Management Training

**10.30 – 11.00** Registration, laptop setup, light refreshments and networking

**11.00** Welcome Note - STEPUPIORS Pls

**11.00 – 11.50** Legal Issues (Grant Agreement preparation phase, Consortium agreement, Material Transfer Agreements)

**11.50 – 12.40** Scientific Reporting and Communication with the Project Officer

**12.40 – 13.30** Constructing a Project Budget

**13.30 – 15.00** Lunch

**15.00 – 15.50** Personnel Cost/Equipment Depreciation

**15.50 – 16.40** Data Management and upload to cBioPortal

**16.40 – 17.00** Coffee break

**17.00 – 17.50** Dissemination/Communication/Exploitation

**17.50 – 18.30** Round Table Discussion on grant management challenges in Serbia with coordinators of Horizon projects

**18.30** Training Conclusions and Certificates - STEPUPIORS PIs

**SDIR-6 CONGRESS IS SPONSORED AND SUPPORTED BY A VAST  
FAMILY OF SOCIALLY RESPONSIBLE ENTITIES:**



Ministry of Science, Technological Development, and Innovations of the Republic of Serbia  
and  
Ministry of Health of the Republic of Serbia



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