The 9th Warsaw Conference on Perspectives of Molecular Oncology  
September 12-13, 2024  
  
12th September  
  
8.45 -9:00 Welcome and opening – Beata Jagielska and Michał Mikula  
  
9.00 – 9.30 Opening plenary lecture:   
Phenotypic Reprograming Overcomes Therapeutic Resistance in Advanced Prostate Cancer Natasha Kiprianou Icahn School of Medicine at Mount Sinai, The Tisch Cancer Institute NY USA  
  
9.30 – 10.50 Session: translational research in prostate cancer   
Chair: Paweł Wiechno, Leszek Kotula  
  
9.30 – 9.45 -Paweł Wiechno NIO-PIB  
  
9.45 – 10.05 Learning tumor biology from prostate spatial transcriptomics analysis Alfonso Urbanucci Tampere Univeristy  
  
10.05- 10.25 Immune infiltrates and characterizing ongoing immunity in prostate cancer. Ludvig Munthe Oslo Univeristy Hospital  
  
10.25 – 10.50 Defining the transcriptional function of ABI1 in the context of prostate cancer Leszek Kotula Upstate Medical University, USA  
  
10.50 – 11.10 coffee  
  
11.10 – 12.20 Session: Advanced immuotherapy and cancer immunity  
Chair: Natalia Rusetska, Yulia Shvets  
  
11.10 - 11.35 Human microbiome determines the effectiveness of cancer immunotherapy Yulia Shvets Ukraine   
  
11.25 – 11.45 Neutrophil-specific targeting of STAT3 impairs tumor progression via the expansion of cytotoxic CD8+ T cells Jadwiga Jabłońska Essen University, Germany  
  
11.45- 12.00 Immunomodulating activity of TGFBRI/TGFBRII receptor peptide inhibitors – molecular and clinical perspectives on the inhibition of TGF-β signalling pathways Jacek Plichta, Medical University Łódź  
  
12.00- 12.20 Dendtitic cell based immunotherapy in cancer patients: 10 years experience of the National Cancer Institute of Ukraine. Natalia Khranovska National Cancer Institute, Ukraine   
  
12.20 – 12.30 sponsor lecture  
  
12.30-13.20 lunch  
  
13.20- 14.40 Session: Translational research II – Chromatin, epigenetics and therapeutic targets  
Chair: Tomasz Sarnowski, Alfonso Urbanucci  
  
13.20 – 13.35 Changes in chromatin landscape in salivary gland Adenoid Cystic Carcinoma Tomasz Sarnowski Institute of Biochemistry and Biophysics, Warsaw  
  
13.35 – 14.00 Blood vessel regulating ‘nanosphere’ in cancer – vasectasia and beyond Janusz Rak McGill University  
  
14.00 – 14.20 Epigenetics and translational targets in Brain tumors Violaine Rosenstiel DKFZ:   
  
14.20 – 14.40 Identification of novel agents targeting BRD9 epigenetic reader combining computational and experimental approaches. Gianluigi Lauro (University of Salerno)  
  
14.40- 14.50 sponsor lecture  
  
14.50-15.00 Coffee break  
  
15.00 – 16.00 Session: Translational research III -Metabolism and cancer  
Chair: Piotr Młynarz, Ferdinando Chiaradonna    
  
15.00- 15.15 Exploring the Impact of the Astrocyte-Neuron Lactate Shuttle on Cognitive Decline in Aging: Insights from Metabolic Profiling Piotr Młynarz Wrocław University of Technology  
  
15.15- 15.35 Metabolic-based therapeutic strategies toward precision medicine for cancer Ferdinando Chiaradonna Università degli Studi di Milano-Bicocca, Milan, Italy  
  
15.35- 15.55 Targeting metabolic vulnerabilities of prostate cancer Teemu Murtola Tampere University and Tampere University Hospital  
  
15.55- 16.10- coffee / sponsor lecture  
  
16.10 – 17.00 Session: Clinical research I – Immunotherapy of neoplasms of the immune system   
Chair:     Grzegorz Nowakowski, Jan Walewski   
  
16.10 – 16.20 Bispecific CD20xCD3 antibodies (and anti-PD1) in lymphoma Wojciech Jurczak NIO-PIB Kraków  
  
16.20 – 16.40 Can IMiDs improve immunochemotherapy of lymphoma? Grzegorz Nowakowski Mayo Clinic, USA  
  
16.40 – 17.00 Perspectives of treatment of lymphoma with genetically modified cells Marion Alcantara   
  
17.00- 18.00 poster session, beverages and snacks  
  
  
13th September  
  
8.30 – 9.25 Session: Clinical research II Immunotherapy of neoplasms of the immune system   
Chair: Wojciech Jurczak, Marcin Kortylewski  
  
8.30- 8.45 Role of autologous and allogeneic hematopoietic cell transplantation in current treatment of lymphoma Joanna Romejko-Jarosinska NIO-PIB   
  
8.45- 9.05 Fine tuning of CAR-T cell response to lymphoma Jan Walewski NIO-PIB  
  
9.05 – 9.25 Targeted oligonucleotide strategies for cancer immunotherapy Marcin Kortylewski City of Hope, LA USA   
  
  
9.25 – 10.35 Session: Translational research IV targeting biochemical and cellular processes in Oncology  
Chair: Piotr Widłak, Monika Pietrowska  
  
9.25- 9.40 Is HPV genomic DNA present in small extracellular vesicles? Monika Pietrowska NIO-PIB Gliwice  
9.40 – 9.55 Cancer signature in lymhocyte-derived exosomes circulating in plasma of melanoma patients Piotr Widłak GUMED Gdańsk  
9.55- 10.15 …  
10.15- 10. 35 Eileen Kenedy USA  
  
10.35 – 10.50 coffee  
  
10. 50- 11.55 Session: Translational research V   
Chair: Damian Gaweł, Michał Mikula  
  
10.50- 11.05 Damian Gaweł CMKP  
11.05- 11.25 Richard Bayliss Leeds University  
11.25- 11. 40 Michał Mikula NIO-PIB  
11.40- 11.55 Mateusz Bujko NIO-PIB  
  
11.55 – 13.15 Session: young investigators session: presentation of the best research and poster (2 flash talks from SOF winners (2x10 min), 3 best abstracts from conference (3x 10 min), 2x10 min the young investigators from NIO-PIB)  
Chair: Małgorzta Stachowiak, Daniel Bajerski  
  
11.55- 12.05 sponsor lecture  
  
13.15 – 14.00 lunch  
  
14.00 -15.40 Session: Clinical research III  
Chair: Szymon Piątek, Monika Durzyńska  
  
14.00- 14.15 Szymon Piątek NIO-PIB   
14.15- 14.25 Early prediction of relapse in clear cell renal cell carcinoma (ccRCC) Maciej Łuba NIO-PIB  
14.25- 14.35 Immunomodulatory effect on CD4 T cells by cabozantinib Piotr Domański NIO-PIB  
14.35- 14.50 Monika Durzyńska NIO-PIB  
14.50- 15.05 Tomasz Cichoń NIO-PIB Gliwice  
  
15.05- 15.15 sponsor lecture  
  
15.15- 15. 45 closing lecture  
Chair: Ludvig Munthe  
  
Polly Matzinger, NCI Bethesda, USA  
  
15.45- 16.00 – closing remarks