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CutCancer Final conference

SHAPING TOMORROW: INNOVATIVE APPROACHES IN

GENETIC TOXICOLOGY AND CANCER RESEARCH

22nd–23rd October 2025

National Institute of Biology, Ljubljana, Slovenia

Wednesday, 22nd October 2025

AGENDA

8.30–9.00	Arrival of attendees & registration
9.00–9.15	<i>Opening Remarks</i> Bojana Žegura, CutCancer project coordinator, National Institute of Biology
9.15–9.20	<i>Welcome Address</i> Maja Ravnikar, Director of the National Institute of Biology
9.20–12.30	Session 1 <i>Next-GENeration Tools in Genetic Toxicology: From Mechanistic Models to High-Throughput Systems</i> Chairs: Bojana Žegura and Alja Štern
9.20–10.00	Keynote speaker: <i>The Importance of Multi-endpoint Approaches in the Development of New Approach Methodologies (NAMs) for Carcinogenicity</i> Gareth Jenkins, Swansea University
10.00–10.30	Invited Talk: <i>3D Spheroids for Genotoxicity Assessment</i> Marc Audebert, INRAE Toxalim
10.30–11.00	Invited Talk: <i>Advancing In Vitro Genotoxicity Testing with 3D Liver Models and Duplex Sequencing</i> Gill Conway, Swansea University
30 min	Coffee Break
11.30–12.00	Invited Talk: <i>RNA-seq–Validated Dynamic 3D Organ Models Mirror Human Tissues for Predictive Toxicology</i> Marta Sendra, National Institute of Biology and Spanish National Research Council
12.00–12.15	Short Talk: <i>Lung co-culture at the pseudo-air-liquid interface: A model for assessing genotoxic and inflammatory effects of airborne pollutants</i> Matjaž Novak, National Institute of Biology



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12.15–12.30	Short Talk: <i>In vitro 3D hepatic co-culture model for assessing adverse chemical effects</i> Tim Ravnjak, National Institute of Biology
12.30–13.30	Lunch break
13.30–19.30	Session 2 <i>Tumour Microenvironment and its Targeting for Combinational Treatments</i> Chairs: Barbara Breznik and Metka Novak
13.30–14.10	Keynote speaker: <i>ONLINE</i> <i>In Situ Transcriptomics to Map Cells, Molecules, and Genetic Variance Across Tumor Tissue Sections</i> Mats Nilsson, Stockholm University
14.10–14.40	Invited Talk: <i>Immune-modulating effects on tumor draining lymph nodes following neoadjuvant chemoradiotherapy combined with immunotherapy in patients with T3-4N0-2 NSCLC</i> Febe van Maldegem, Amsterdam University Medical Center
14.40–15.10	Invited Talk: <i>Stereotactic Radiosurgery Treatment using HyperArc Technology for Brain Tumors</i> Marija Skoblar Vidmar, Institute of Oncology Ljubljana
15.10–15.40	Coffee Break
15.40–16.05	Sponsor talk: <i>ONLINE</i> <i>Mapping the Tumour Microenvironment in Lung Cancer with High-parameter Imaging Mass Cytometry</i> Ernesto Marcos Lopez, Standard BioTools
16.05–16.35	Invited Talk: <i>Current challenges in the treatment of glioblastoma: Clinical aspects and research advances</i> Andrej Porčnik, University Medical Centre Ljubljana
16.35–17.05	Invited talk: <i>Circular RNAs in Liver Cancer: From Functional Characterization to Biomarker Discovery</i> Tadeja Režen, University of Ljubljana, Faculty of Medicine
17.05–17.20	Closing remarks
17.30–19.30	NIB reception – dinner & poster session



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Thursday, 23rd October 2025

AGENDA

8.30–9.00	Arrival of attendees & registration
9.00–11.45	Session 3 <i>From Vision to Victory: CutCancer Highlights</i> Chairs: Chika Yokota and Gill Conway
9.00–9.30	Short Talk: <i>Pushing Boundaries: Scientific Milestones of CutCancer</i> Bojana Žegura and Barbara Breznik, National Institute of Biology
9.30–9.45	Short Talk: <i>Enabling Innovation and Excellence: Research Support in Action</i> Alja Štern and Metka Novak, National Institute of Biology
9.45–10.00	Short Talk: <i>Advanced Spatial Technologies for Visualization of Immunosuppressive Glioblastoma Microenvironment</i> Tina Kolenc Milavec and Simona Katrin Galun, National Institute of Biology
10.00–10.15	Short Talk: <i>Enhancing NIB Administrative and Management Excellence</i> Jure Vindišar, National Institute of Biology
10.15–10.45	Coffee Break
10.45–11.45	Round table: <i>Collaborative Microenvironments in Cancer Research</i> Moderator: Nataša Briški
11.45–12.00	<i>Closing remarks</i> Bojana Žegura, CutCancer project coordinator, National Institute of Biology
12.30	Excursion & lunch for CutCancer consortium

Scientific Committee:

- Bojana Žegura, National Institute of Biology, Slovenia
- Barbara Breznik, National Institute of Biology, Slovenia
- Alja Štern, National Institute of Biology, Slovenia
- Metka Novak, National Institute of Biology, Slovenia
- Mats Nilsson, Stockholm University, Sweden
- Febe van Maldegem, Amsterdam University Medical Center, Netherlands
- Gill Conway, Swansea University, United Kingdom
- Chika Yokota, Stockholm University, Sweden



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Local Organizing Committee:

- Tanja Geršak, National Institute of Biology, Slovenia
- Karmen Stanič, National Institute of Biology, Slovenia
- Barbara Domevščik, National Institute of Biology, Slovenia
- Bernarda Majc, National Institute of Biology, Slovenia
- Pia Žižek, National Institute of Biology, Slovenia
- Špela Kladnik, National Institute of Biology, Slovenia
- Martina Štampar, National Institute of Biology, Slovenia
- Matjaž Novak, National Institute of Biology, Slovenia
- Katja Kološa, National Institute of Biology, Slovenia



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