

Twinning for excellence to strategically advance research in carcinogenesis and cancer.



CutCancer

NEWSLETTER #4

10/2025

12/2025

CutCancer Final conference Successfully Concluded

From **22 to 23 October**, we hosted the CutCancer Final Conference at the National Institute of Biology in Ljubljana. Under the theme “Shaping Tomorrow: Innovative Approaches in Genetic Toxicology and Cancer Research”, the event featured **keynote talks, scientific sessions**, and a **roundtable discussion** on collaboration in cancer research. The conference was a success, attracting leading experts and fostering vibrant discussions on topics such as **tumor microenvironment, advanced genotoxicity testing, and combinational treatments**. We received great feedback on the talks and poster presentations, and we hope the networking opportunities will spark new collaborations and ideas.

You can read more about the event online.



LEARN MORE



Celebrating our latest publications

Invasive properties of patient-derived glioblastoma cells after reversible electroporation in vitro,
Radiology and Oncology

Targeting cystatin F activation enhances NK cell cytotoxicity in glioblastoma models, **Frontiers in Immunology**

Heterogenous mitochondrial ultrastructure and metabolism of human glioblastoma cells: differences between stem-like and differentiated cancer cells in response to chemotherapy,
Radiology and Oncology

Exploring the genotoxic potential of Bisphenol A and its emerging alternatives in an advanced in vitro 3D zebrafish hepatic cell model, **Science of The Total Environment**

Immune-modulating effects on tumor-draining lymph nodes of neoadjuvant chemoradiotherapy combined with dual immunotherapy in patients with T3-4N0-2 NSCLC,
Journal for ImmunoTherapy of Cancer

Article



Highlights of our Invited talks

Targeted Expression Profiling Reveals Biomarkers Associated with Poor Prognosis of Glioblastoma,
Industry Webinar Standard BioTools

Advanced 3D in vitro models for genetic toxicology: Insights from PAH exposure,
Advanced courses: Advanced Models for Predictive Toxicology

Cellular communities in the tumour microenvironment reflect immune regulation
IMMC25, Microscience Microscopy Conference '25



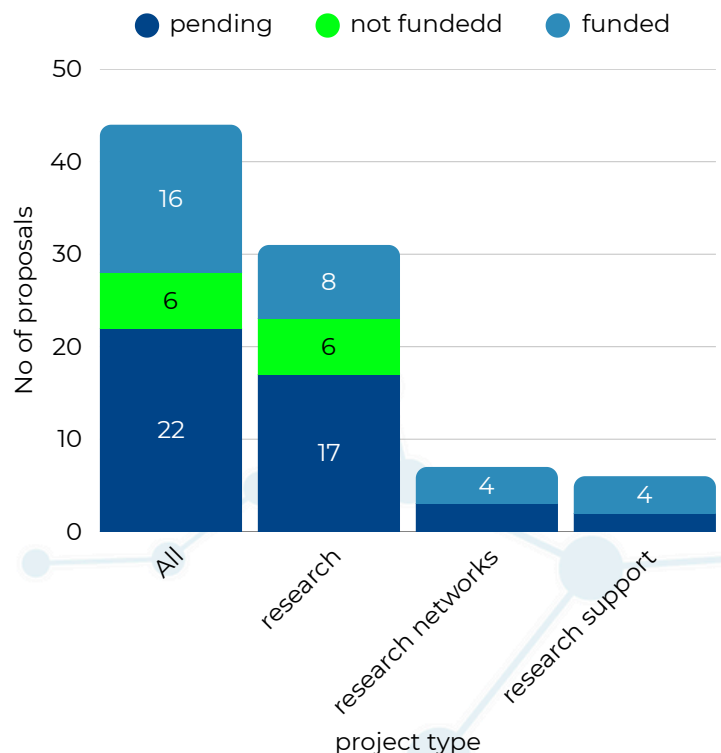
Strong impact of CutCancer

During the **CutCancer project**, we actively engaged in leading European and national funding opportunities to advance scientific research and foster collaboration. Our team submitted proposals to a diverse range of prestigious programs, including **Horizon Europe Cancer Mission, ERC, MSCA doctoral networks, COST Actions, Interreg, NextGenerationEU**, and national initiatives such as **ARIS strategic projects**.

The CutCancer project has generated an impressive number of research initiatives. In total, **44 project** proposals were submitted, with **22 pending**, 6 not funded, and **16 successfully funded**.

These results highlight the strong impact of CutCancer in fostering new collaborations and advancing innovative research.

Project Proposals resulting from CutCancer



Job Opening



💡 An excellent opportunity to work in a dynamic research environment!
The Department of Genetic Toxicology and Cancer Biology (National Institute of Biology) is looking for a colleague to independently manage the administrative and financial aspects of research projects. If you enjoy project work, organization, and financial management in an international research setting, join us!

Application deadline: January 15, 2026