

Trinity St James's Biobank Network Newsletter 2025

ST JAMES'S
HOSPITAL



ECI
CANCER CENTRE



Institiúid Ailse Choláiste
na Tríonóide/San Séamas
Trinity St James's
Cancer Institute



Tallaght
University
Hospital

Ospidéal
Ollscoile
Thamhlachta

An Academic Partner of Trinity College Dublin

Sláinte Leanaí Éireann
CHI
Children's Health Ireland

TTMI
TRINITY TRANSLATIONAL
MEDICINE INSTITUTE
Translating Science into Medicine

The
Coombe
Hospital



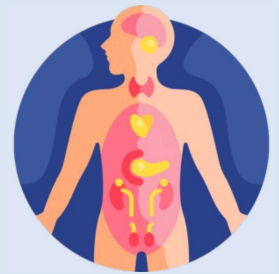
Trinity College Dublin
Coláiste na Tríonóide, Baile Átha Cliath
The University of Dublin



Beaumont
Hospital

A biobank is a collection of tissue, blood or other bodily fluids and healthcare data (information in patients' hospital charts, such as details about their condition, test results, images/scans) consented by patients for health research.

Biobanks are used by researchers to learn about different diseases, develop better diagnostic tests and treatments that will improve the quality of life of people living with a disease. All research studies need approval to ensure they are carried out ethically and safely, that patient rights are protected, and the study complies with data protection regulations. There are currently 14 disease-specific research biobanks across the TSBN biobank network.



2025

 in numbers

770

People consented to
research



8

New staff and students



17

Research papers published



€4.3M

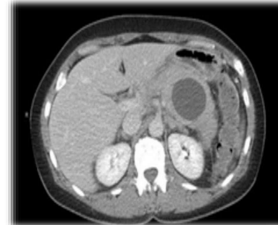
Research funding

27

New Projects

New projects funded in 2025

Pancreatic Cancer Biobank



The Pancreatic Biobank is collaborating with the Engineering Department at Trinity College Dublin to improve diagnostics for people with pancreatic cancer using novel imaging techniques.

Paediatric Biobank



In collaboration with the University of Western Australia, a panel of diagnostic biomarkers will be tested for the early detection of neonatal sepsis. This will be carried out with hospitals across Australia, Europe and North America.

Lung and Gynaecological Cancer Biobanks



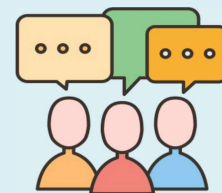
The Trans-Atlantic Cancer Alliance for Liquid Biopsy Research and Training (TALent) project will bring together liquid biopsy experts from from the All-Ireland Cancer Liquid Biopsies Consortium (CLuB) and the National Cancer Institute (NCI), USA.

For more information: <https://www.talentliquidbiopsy.com/>

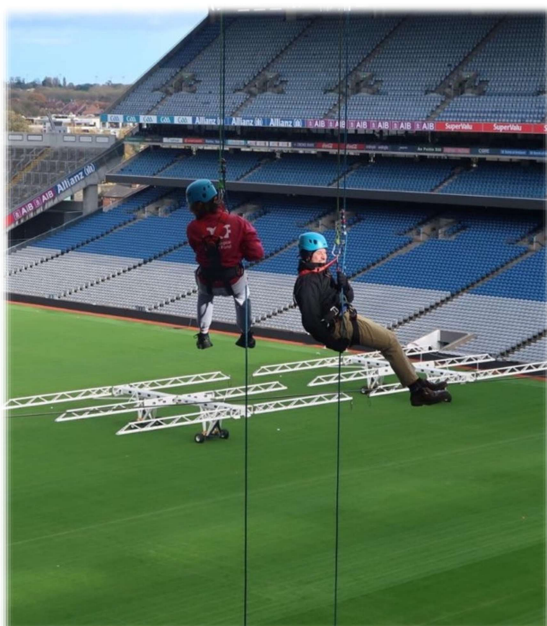
Public and Patient Involvement

The TSJCI Patient Representative Group (PRG) has been in existence for over five years and consists of people who have been treated for cancer in the TSJCI, or whose family members have been treated for cancer. Currently, there are 8 members. The PRG continues to work with our cancer biobanks and researchers in reviewing research proposals from a public patient involvement perspective, designing and testing communication materials, including information leaflets, amongst other essential contributions.

We are very grateful to the PRG for their continued voluntary commitment to working with our biobanks and research studies arising from the use of biobank samples.



Outreach



Mr Cian Gargan and Professor Stephen Maher taking part in the fundraising abseil in Croke Park with the charity organisation, Oesophageal Cancer Fund (OCF), October 2025.



Dr Martin Barr and Ms Kate Hourigan, representing the Trinity St. James's Biobank Network at European Researchers' Night, TCD, September 2025.



Above, Ms Faye Lewis and Ms Irene Narinda, representing the gynaecological biobank on World Cancer Day, at the Living Well Expo at Punchestown Racecourse, February 2025.



Left, CROSS Christmas Concert Fundraiser in the Trinity College Chapel, December 2025.

New Campus Biobank

St James's Hospital, Children's Health Ireland, and Trinity College Dublin are partnering to build Ireland's largest shared campus biobank. This state-of-the-art facility will combine existing sample collections and evolve into a population-based biobank, creating a cornerstone for translational research, clinical innovation, international collaboration and will support world-class research in precision medicine.



Funded by the HSE, construction of the campus biobank is scheduled to begin this year (2026).

For more information on TSBN biobanks, our collaborators, funders/charities, and privacy policies, please scan the QR code or follow the link below: <https://www.tcd.ie/medicine/trinity-st-james-biobank-network/> or contact: TSBN@stjames.ie

