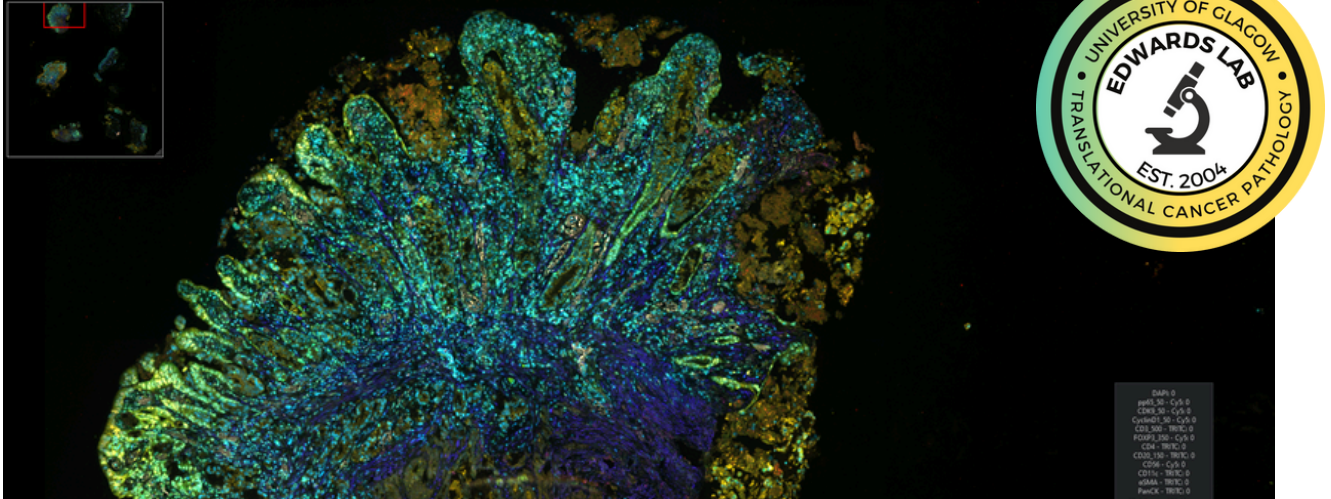


Translational Cancer Pathology Group Newsletter



University
of Glasgow

July 2025



We have had the exciting opportunity to work with a brand new technology from Lunaphore Technologies. We can now stain tissue from patients for more than 20 different proteins, so we can more clearly see what is happening. Each colour - as shown in the image above - is a different protein. This will help us understand what happens to cancer cells and immune system cells when people have been given different cancer treatments. (Image credit: Molly McKenzie)

Welcome to our second newsletter, where we'll keep you updated on our research.

Our research is dedicated to making lives better for people living with bowel cancer, both in the short-term and long-term.

Enjoy our newsletter!

The Edwards Lab

Our recent highlights:

- We welcomed another lab baby: **Finlay** was born in March.
- Our **lab retreat** to **Loch Lomond** in March was a huge success!
- Summer is always a busy time of year for us as we had **one undergraduate** and **several masters students** start in the lab for their summer projects.
- We said goodbye to **Arwen** who has been visiting us for 6 months from Radboud University in the Netherlands.
- **Kathryn, Jean** and **Joanne** contributed to a paper published in Nature. The paper attracted a lot of media attention with articles in The Herald, Independent, The Times and others.



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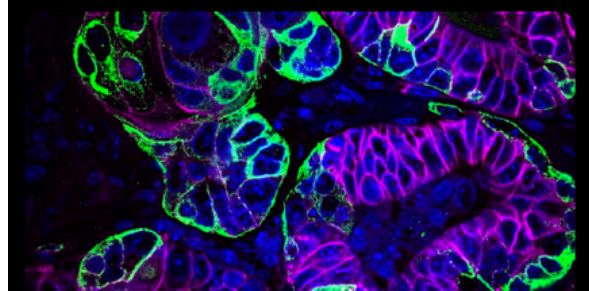
News > Health

Scientists celebrate bowel cancer breakthrough in bid to tackle surge in young people



The Herald
@heraldscotland

Scots scientists make key discovery in how bowel cancer is able to disguise itself





Public Engagement

Our lab was selected for the **Amplify training programme** and awarded **£900** from **Glasgow Science Centre** to develop a new science activity. We will bring **"Mighty Microbes"**, an activity about gut bacteria and gut health to Explorathon on 20th and 21st September.

Emma celebrated **International Day of Women and Girls in Science** at local **Girlguiding** Guide and Ranger units.

We visited **two P5 classes** during **British Science Week** to deliver "Polyp Patrol 2", a workshop about bowel cancer and screening. The pupils loved using a microscope and modelling cells with Play-Doh.



Emma was invited to give a talk on bowel screening at **Glasgow Science Festival** and the lab wrote a quiz round for the festival's science-themed quiz.

Noha delivered sessions on the university experience to high school pupils.

Molly and Emma were accepted onto **STEM Seedlings**, a Royal Society of Edinburgh project to create science workshops for Scottish primary schools. They are designing their workshop and planning to launch Autumn 2025.

Sara, Laura, Molly and Emma ran "Mighty Microbes" at **Glasgow Science Centre** where they talked to children and their families about healthy habits for gut health.



Upcoming Public Engagement

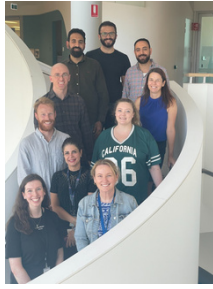
"Mighty Microbes" as part of
Explorathon at Glasgow Doors Open Day, Advanced Research Centre
Saturday 20th September 12pm-3pm
Sunday 21st September 12pm-3pm



Date For Your Diary

Save the date for our next Glasgow Colorectal PPIE group meeting. Here are the details:

- **Date:** 20 Aug 2025
- **Time:** 3pm-5pm
- **Format:** Hybrid in-person/Teams
- Look out for an email from Emma with the agenda and Teams link.

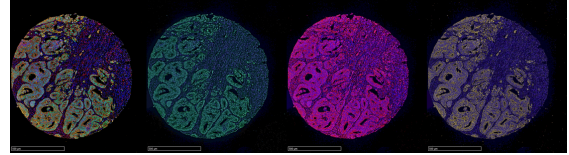


Our Travels

Gerard visited **Indonesia** to talk about how the University of Glasgow and cancer researchers in Indonesia can work together in the future.

Joanne and C attended the Lunaphore COMET user meeting in **Lausanne, Switzerland**. See p1 for an image using the COMET technology.

Molly was awarded a university skills award and visited the **South Australian Health and Medical Research Institute, Adelaide**. She is now an expert in a cutting-edge technique which uses patient tissue in a 3D model.



Awards & Recognitions

Amna won the **Bowel Cancer UK Snapshot Research Photo Competition** - along with a year's supply of Andrex toilet roll! You can see the winning photo above. **Amna** was also selected as a **Research Staff Representative** to the Lab for Academic Culture.

Emma won the **School of Cancer Sciences Accomplishment in Academic PGR Training Prize**, awarded to the best science PhD student.

Mark and **Gift** both passed their **PhD vivas** to become Doctors.



Conferences

The lab presented their work at lots of local and national events.

Emma presented a poster about the **Glasgow Colorectal PPIE Group** at the **NHS Research Scotland PPI Event** in **Stirling** and gave a talk on our PPIE activities at the **ScotPEN meeting** in **Dundee**.

C and Lelo attended the **Festival of Genomics and Biodata** in **London**.



Several members of the lab presented posters and Sara was selected for a talk at the **British Association of Cancer Research's 65th meeting** in **Edinburgh** (pictured above left and right).

Jean, Nam and Guang-Yu presented their research at the **CRCL International Cancer Symposium** in **Lyon, France**.



We would like to thank our funders, past and present, who make our research possible.

Funding Round-up

Our new **Bowel Cancer UK** project started and Joanne, Steve and Emma attended their **Research Together Day** in **London** to launch the project. This project will look at what stops people attending their surveillance colonoscopy appointments, particularly those from poorer areas.



The lab and our collaborators at our lab retreat, Loch Lomond.


Thank you!


We are incredibly grateful to our amazing collaborators and funding partners - your support is critical to our work, and we look forward to continuing these partnerships in 2025!

A special thank you to the Glasgow Colorectal PPIE Group for their invaluable feedback on multiple grant applications and for guiding our research priorities across all of our projects. We couldn't do it without you.

Finally, we would like to extend our thanks to the patients who generously donate tissue for our research.

Thank you for reading!

 Follow us on X: @LabEdwards

 Follow us on Bluesky: @labedwards.bsky.social