



BiomedXperience: A Research Journey

**WWIEM 24.02.24
1-5pm**

A special thanks to all our volunteers!

The WWIEM held an open day at the Northern Ireland Science Festival, aimed to celebrate science, foster curiosity, and promote STEM education among participants of all ages. The event attracted a diverse audience of over 120 visitors, including families, students, educators, and science enthusiasts from the local community and beyond.

The success of the Science Festival would not have been possible without the invaluable contributions of our dedicated volunteers. Over 40 volunteers generously donated their time and expertise to assist with event planning, setup, coordination, and participant engagement. Their enthusiasm, professionalism, and passion for science greatly enhanced the overall experience for attendees.

Activities and Exhibits:

The festival featured a wide range of interactive exhibits, hands-on activities, workshops, and presentations designed to engage and educate participants about various scientific concepts and discoveries. Highlights included:

- ✓ **A series of short talks**
- ✓ **The cell culture suite and a tour to learn more about cell culture**
- ✓ **The exhibition stations**

Reception Desk

Our reception team's tireless efforts ensured that every attendee felt welcomed and assisted throughout the event. They greeted, guided, organized, and answered all inquiries, playing a significant role in creating a welcoming atmosphere for all volunteers.



Special thanks to our photographer,

Louai Alkababji



and.....

- ✓ Mie Palmer,
- ✓ Debbie Mitchel
- ✓ Sam MacIlwaine

for administrative
& technological support

Short Science Talks

We had the opportunity to hear scientific insights from 6 of our colleagues in a simple and relatable way. Special thanks to all the speakers!

1. Dr B. Ingram: **“When antibiotics stop!”**
2. Prof M. Valvano: **“What have you done today to prevent infections?”**
3. Dr A. Puhar: **“Knock, knock! Who's there? Sensing infections”**
4. Dr J. Augustine: **“Eyeing up the healthy retina”**
5. Dr. W. Setyaningsih: **“Diabetes: What your body can do?”**
6. Dr. P. Barabas: **“What makes people blind?”**



Exhibition Stations

Groups came together to feature a wide range of interactive exhibits, hands-on activities, to engage and educate participants about various scientific activities that take place in our Centre. Volunteers generously donated their time and expertise to assist with event planning, setup, coordination, and participant engagement. Their enthusiasm, professionalism, and passion for science enhanced the overall experience for attendees and we are very grateful!

Vascular/ Heart Station: (PIs: Costa, Grieve, Watson)



Respiratory Medicine Station: (PIs: Shock, Shaw, McDowell)



Immunology Station: (PI: Malinova)



GPCR Station (PI: Plouffe)



Gorey Corner (PI: McGahon)



Microbiology Station (PIs: Schroeder, Bengoechea, Valvano)



Genomics and Bioinformatics Station (Pls, Campos, Simpson)



Eye and Vision Station (Pls: Beli, Lengyel, Curtis, Peto)

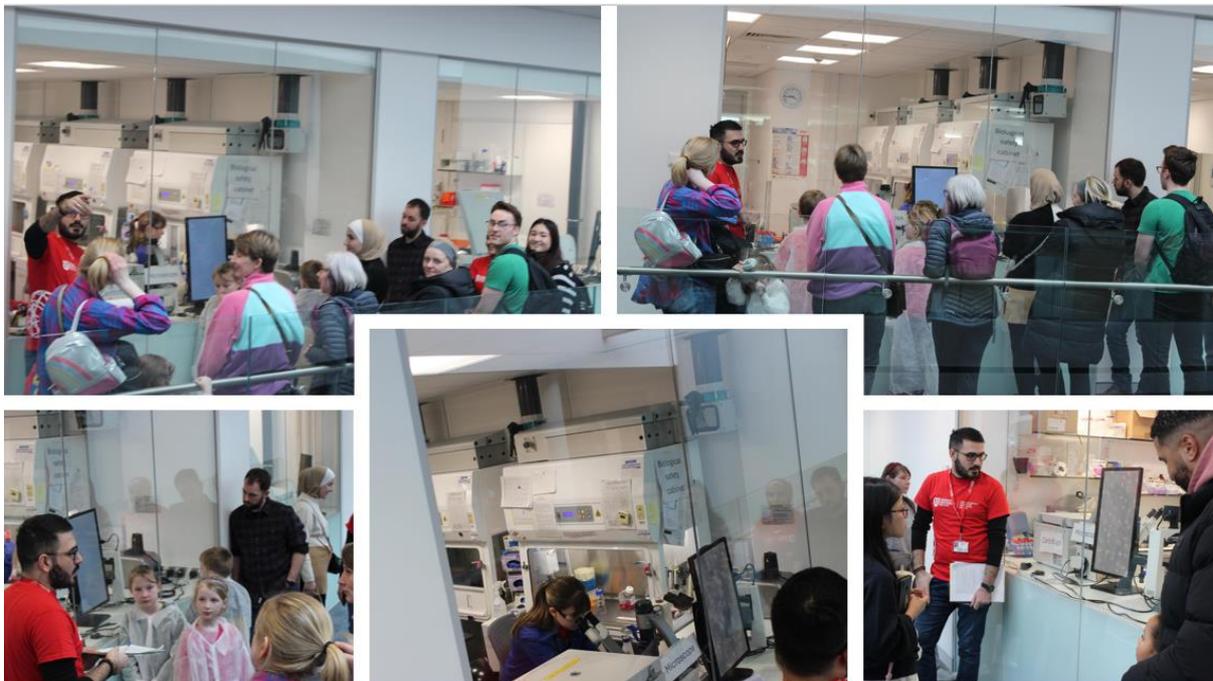


Cell Culture Suite & Tour

We also organized a workshop on cell culture, where our visitors learnt basic principles of cell culture and had the chance to play scientists.



The workshop was accompanied by a tour to see real equipment, real cells and a scientist at work!



Moments of the Day



Special thanks to volunteers



Thank you to all the volunteers and congratulations to the Genomics Station, voted the most memorable station on the day!

Organizers:

Prof David Simpson

Dr Eleni Beli