



Global Young Scientists Summit (GYSS) 2025

I am very lucky to be part of the Global Young Scientist Summit 2025 (GYSS 2025), where **342 master's and PhD students from 49 countries** gathered at the National University of Singapore (NUS), Singapore. This five-days summit was filled with lectures, panel discussions, student poster sessions and short presentations. I also had the opportunity to present my PhD research poster, which gained much attention due to its focus on gene-editing in plants.

The summit is multi-disciplinary, covering topics including chemistry, physics, biology, computer science, engineering and mathematics. Furthermore, all the speakers at this summit are recipients of prestigious awards such as the **Noble Prize, Field Medals, Millennium Technology Prize and Turning Award**.

The main goal for this summit is “**Advancing Science, Creating Technologies for a Better World**”. We visited Singapore well-renowned research institutes and organizations including the Campus for Research Excellence and Technological Enterprise (CREATE), The Mechanobiology Lab, NUS, Singapore Management University, Nanyang Technological University (NTU), Agency for Science, Technology and Research (A*STAR), Singapore and Singapore University of Technology and Design.

Every day featured two keynote lectures by Noble prize winner, followed by a one-hour Q/A session where they shared insights about their motivation, personal and academic journeys as well as challenges they faced. Out of the three students shortlisted by ANU and GYSS committee, I was honored to be one of them.

On the last day of GYSS, we visited Sentosa Island which was breathtaking and full of exciting activities.

I am grateful to my supervisory panel (especially Tony, and Julian) and to the Training Centre (especially Lauren) for providing all the recommendation letters and necessary funding to make this experience a reality.

Arslan Mahmood



Prof Sir Richard Roberts
1993 Nobel Prize in
Physiology or
Medicine

Prof Brian Schmidt
2011 Nobel Prize in
Physics

Prof Tim Hunt
2001 Nobel Prize in
Physiology or
Medicine

Attending this summit has been one of the most enriching experiences for my academic and personal growth.

A highlight of the summit was my conversation with **Professor Richard Roberts**. During our discussion about my PhD research, I got to know that he is one of the founders of New England Biolabs, and a strong supporter of gene-edited technology.



From left to right, top to bottom:
National University of Singapore (NUS), Nano and
Microfabrication Facility, CNRS: Smart City Facility visits,
CARES: Lab tour



I strongly recommend that every student try to attend GYSS at least once – it is incredibly inspiring and motivating experience.

Conferences

Ebtihal Mohammed



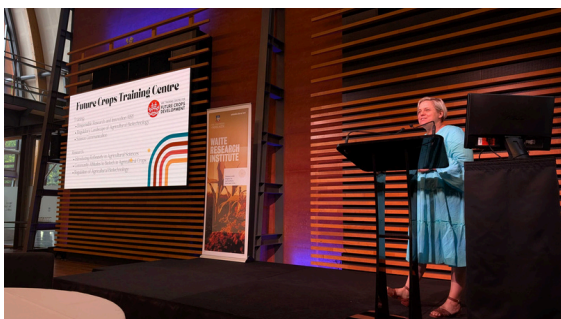
Ebtihal presenting her invited talk at the **22nd International Conference on Renewable Mobility "Fuels of the Future"** in Berlin (photo 1)! There were interesting audience questions, lots of interest in carinata and

Ebtihal received a **special thank you** from the **Australian Trade and Investment Commission's Investment Director, Ozgur Tuna** (photo 2), who attended her talk and expressed that they were **proud of Ebtihal** travelling from Australia to Germany to share her collaborative research outcomes! Ebtihal also connected at the conference with **Nuseed's Andre Paula Santos (Head of EU Policy)**.



Emily Buddle

Emily giving an excellent talk at the Waite Research Institute symposium on some of her many projects!



Articles

Click on the article screenshots to access the online version.

Highlight from the Centre

Congratulations to **Harsh Raman (DPIRD)**, **Nay Chi Khin (ANU)** and **Barry Pogson (ANU)** for their new article.

Read more about genetic architecture of Mn²⁺ tolerance in diverse canola accessions.



And another article from DPIRD written by **Rosy Raman and Harsh Raman et al.**

Identification and validation of genomic regions for pod shatter resistance in *Brassica rapa* using QTL-seq and traditional QTL mapping

Caitlin Byrt's work was featured in the ANU Reporter! Explore her research and watch the video uncovering the science behind the historic Captains Flat mine site.



How Much Do People Trust Scientists?

nature human behaviour

Article

<https://doi.org/10.1038/s41562-024-0>

Trust in scientists and their role in society across 68 countries

Most of us trust scientists, shows a survey of nearly 72,000 people worldwide

Published: January 20, 2025 9:05pm AEDT