

MARCH 14, 2025

What is UniStem Day?

UniStem Day is a one-day meeting organized for high school students since 2009. This event, solely dedicated to the dissemination and outreach of stem cell science and research, provides an opportunity to foster learning, discovery and debate on the themes of knowledge and innovation starting from stem cell research. The event showcases cutting edge research, paints a picture of the daily work of a scientist, and explores the mechanisms behind scientific breakthroughs, including the cultural expectations. By offering lessons, debates, visits at the laboratories and recreational moments, the students engage with the concepts and methodologies involved in stem cell research. Furthermore, they will gain an appreciation for science and how it can be fun and build personal character and relationships based on evidence, perseverance and integrity. As with previous years, UNISTEM DAY 2025 will bring together universities and high schools from all over the world by involving 97 universities and research centres in Australia, Denmark, France, Germany, Hungary, Italy, Netherlands, Norway, Poland, Spain, Sweden and the United Kingdom.

UniStem Day

The neverending journey of stem cell research

UniStem is the Centre for Stem Cell Research of the University of Milan founded in 2006 by Profs. E. Cattaneo, G. Cossu, F. Gandolfi and Y. Torrente (unistem.it). The UNISTEM DAY 2025 event is one of many UniStem activities on stem cell research divulgation and this year it celebrates the 17th annual day dedicated to secondary school students and can boast being the largest public event on stem cell research in Europe.

Concept & Coordination



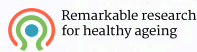
Patronage



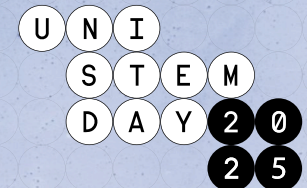
Special thanks to:

- Colleagues in the Institute of Life Course and Medical Sciences
- Faculty of Health and Life Sciences Public Engagement Team
- University of Liverpool Widening Participation Team
- MicroAge 2 Research Team
- Liverpool Research Eye Bank

Funders



UNIVERSITY OF LIVERPOOL



#unistemday2025

IG: @unistem_day

FB: unistemday

X: @unistemday

Web: unistem.it

Program

09:30 - 09:45 *Arrive and Welcome*

09:45 - 10:05 **David Turner**
Musculoskeletal Biology
and Ageing Sciences,
University of Liverpool
*What do stem cells
tell us about how
we are made?*

10:05 - 10:25 **Jess Hollett**
Eye and Vision Sciences,
University of Liverpool
*Arts and Grafts:
Synthetic Scaffolds
for Tissue Repair*

10:25 - 10:45 **Anne McArdle**
Musculoskeletal Biology
and Ageing Sciences,
University of Liverpool
*Defying gravity:
What muscles in space
can teach us about
humans on earth*

10:45 - 11:00 **Conclusions**
by the Coordinator,
closing Video

11:00 - 11:25 *Break*

11:25 - 12:30

Lab

Interactive Laboratory Tour

In the tour, you will experience a real, working laboratory where you will have a chance to get hands-on with our cutting edge research. You will see how stem cells can be grown, how they are examined under different microscopes, and how scaffolds can be manufactured to grow new tissue. Lab coats will be provided

12:30

End of session

Life Sciences Lecture Theatre 1

Life Science Building
Crown Street,
Liverpool,
L69 7ZB

Coordinator of the Day

David Wikinson and Victoria Kearns,
University of Liverpool

For more information:
unistem.it