

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 2024 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, Serbia, Spain, Sweden and the United Kingdom.

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 2024 event is one of many UniStem activities on stem cell research divulgation and this year it celebrates the 16th annual day dedicated to secondary school students and can boast being the largest public event on stem cell research in Europe.



Concept & Coordination

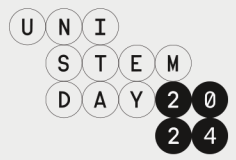


Patronage



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
Liverpool Research Eye Bank

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UniStem Day

The neverending journey
of stem cell research
March 22, 2024



Institute of Life Course
and Medical Sciences
William Henry Duncan Building
6 West Derby Street
Liverpool
L7 8TX

Coordinator of the Day
Dr Victoria Kearns,
Department of Eye and Vision Science,
University of Liverpool

9:45 - 10:00
Arrive and Welcome

10:00 - 10:05
Opening by the Coordinator
and welcome video

10:05 - 10:25
Dr Bettina Wilm,
Department of Women's and Children's
Health, University of Liverpool
When to stem and when not to stem?
Insights from different streams
of regenerative medicine research

10:25 - 10:45
Professor Reinhold Medina,
Department of Eye and Vision Science,
University of Liverpool
Discovering Stem Cell Research:
The Essentials Explained

10:45 - 11:05
Dr Devon Crouch,
Department of Eye and Vision Science,
University of Liverpool
Stop Thief! Using Biomaterials
to Tackle Sight Loss

11:05 - 11:10
Conclusions by the Coordinator,
Closing Video

11:10 - 11:25
Break

11:25 - 12:30
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 event