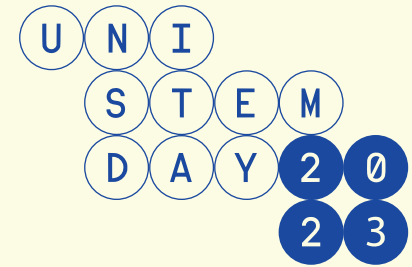


# What is UniStem Day?

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 2023 will bring together Universities and High Schools from all over the world by involving 87 Universities and Research Institutes in Australia, Denmark, France, Germany, Greece, Hungary, Ireland, Italy, Poland, Serbia, Spain, Sweden and The Netherlands, 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 2023 event is one of many UniStem activities on stem cell research divulgation and this year it celebrates the 15th annual day dedicated to secondary school students and can boast being the largest public event on stem cell research in Europe.



**UniStem Day**  
The neverending trip  
of stem cell research

**10th of March**  
h. 09:00



Concept & Coordination:



Supporter:



Queen's University Belfast  
The Wellcome-Wolfson Institute  
for Experimental Medicine

97 Lisburn Road  
Belfast BT9 7BL

**Morning program**

**Coordinador:**  
**Prof Reinhold Medina**  
Professor of Diabetes  
and Vascular Medicine  
WWIEM  
Faculty of Medicine  
and Life Sciences  
Queen's University Belfast

**9:30 AM – 10:00 AM**  
Opening by the  
Coordinator  
and welcome video

**10:00 AM – 10:20 AM**  
**Dr Sarah Chambers**  
Welcome-Wolfson Institute  
for Experimental Medicine  
Queen's University Belfast  
*The biology of stem cells:  
hype or hope?*

**10:20 AM - 10:35 AM**  
**Dr Stuart McKeown**  
VascVersa Ltd. (First Cell  
Therapy Company in  
Northern Ireland)  
*Stem Cell therapies*

**10:35 AM – 10:55 AM**  
**Dr Amber Breen**  
ALMAC Discovery  
*A scientific career in  
Industry*

**10:55 AM – 11:15 AM**  
Tea/Coffee-Break

**11:15 AM – 11:45 AM**  
**Dr S. Rebecca Bamford**  
School of History,  
Anthropology, and Politics  
Queen's University Belfast  
*Ethics of biological  
research: controversial  
questions*

**11:45 AM – 12:15 PM**  
**Prof Cecilia O'Kane**  
Welcome-Wolfson Institute  
for Experimental Medicine  
Queen's University Belfast  
*Regenerative Medicine:  
can stem cells help  
patients?*

**12:15 PM – 1:00 PM**  
Lunch break

**Afternoon sessions**  
**1:00 PM – 3:30 PM**  
Workshop stations

**1:00 PM – 3:30 PM**  
Tour of the Research  
Facility WWIEM  
**Dr Jessica Eyre**  
**Dr Magdalini Eleftheriadou**

**1:00 PM – 3:30 PM**  
Meet the Scientist  
**Prof Reinhold Medina**  
**Dr Aritra Deb**

**1:00 PM – 3:30 PM**  
Pipetting Workshop  
**Shannon McDonnell**  
**Dr Jasenka Guduric-Fuchs**

**1:00 PM – 3:30 PM**  
Looking down the  
microscope

**Dr Pietro Bertelli**  
**1:00 PM – 3:30 PM**  
Stem Cell  
Educational videos  
**Dr Bettina Schock**  
**Dr Varun Pathak**

**3:30 PM – 4:00 PM**  
**Dr Jessica Eyre**  
**Dr Jasenka Guduric-Fuchs**  
Questions session  
and concluding remarks