

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.



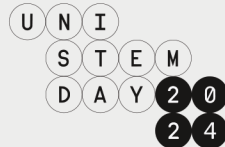
Concept & Coordination



Patronage



Thanks to Tekna for providing lunch and the Trond Mohn Research Foundation, University of Bergen and Helse Bergen Health Trust for support!



UniStem Day
The neverending journey
of stem cell research
March 22, 2024



Mohn Research Centre for Regenerative Medicine

Auditorium 1
Bygg for biologiske basalfag (BBB)
Jonas Lies vei 91
5009 Bergen

Program

Coordinators
PhD, Elise Aasebø,
Coordinator of Mohn Research Centre
for Regenerative Medicine (MRCRM)
PhD, Salwa Suliman,
Senior researcher and Principal
Investigator at the Tissue Engineering
Group, Department of Clinical Dentistry,
University of Bergen

9:15
Opening by the Coordinator
and welcome video

9:15 - 9:20
Greetings from the Head of the MRCRM,
Prof. Einar K. Kristoffersen, Head of the De-
partment of Immunology and
Transfusion Medicine, Haukeland
University Hospital

9:20 - 9:30
Kahoot "What do you know about
stem cells?"

9:30 - 9:45
Video call between Universities

09:45 - 10:00
Guro K. Melve, Senior Consultant in
Immunology at Haukeland
University Hospital
"What are stem cells, and how is stem cell
treatment used in the clinic today?"

10:00 - 10:10
Short break

10:10 - 10:30
Cecilie Gjerde, Dental Surgeon, Associate
Professor, Department of Clinical Dentistry,
University of Bergen
"Stem cells in bone regeneration,
the future is now!"

10:30 - 10:45
"Dress to Impress" - Demonstration and
competition of how to gown for sterile cell
production laboratories (the Ex vivo
cleanroom facility)

10:45 - 11:15
Lunch (provided by Tekna) and video
screening "What happens in a bone
tissue engineering lab?"

11:15 - 11:35
Simona Chera, Professor, Department of
Clinical Science, University of Bergen
"Regeneration: Death is Only the Beginning"

11:35 - 11:45
Åshild Johansen, PhD candidate,
Department of Clinical Dentistry,
University of Bergen
"3D bioprinting of living cells and
biomaterials into a precise 3D structure"

11:45 - 11:50
Turid Helen Felli Lunde,
Biochemist, Researcher and
Union Representative for Tekna
"Insights from Tekna"

11:50 - 12:00
Closing Kahoot and Conclusions
by the Coordinator