

What is UniStem Day?

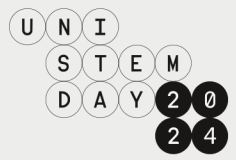
UniStem Day is a one-day meeting organized for high school students since 2009. This event, solely dedicated to the dissemination and outreach of stem cell science and research, provides an opportunity to foster learning, discovery and debate on the themes of knowledge and innovation starting from stem 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
uniStem
Università degli Studi di Milano Centro di Ricerca sulle Cellule Staminali

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

HELMHOLTZ
MUNICH

Helmholtz Diabetes Center
Ingolstädter Landstraße 1
85764 Neuherberg / Oberschleißheim

Program

09:00

20 min
Introduction into Diabetes and Research
by Dr. Mina Brimpari and Dr. Ingo
Burtscher

5-10 min
Short Video of Interview with
Prof. Dr. Heiko Lickert by the German
stem cell network about Cell- and
Regeneration therapy for Diabetes

20 min
Quiz about stem cells and diabetes

20 min
Measurement of the children's
Blood Sugar

5 min
School Class divided into 4 groups

Break

11:00

Group 1

Discussion about possible career paths
and career opportunities in science
(PhD students, technicians and senior
scientists)

11:30

Group 2

Hands-on Experiment with water colours
and their wavelengths including the use
of pipettes

12:00

Group 3

Microscope demonstration
(Showing students the setup
of a microscope and how you create
colorful images of cells)

12:30

Group 4

Tour of the lab showing them the stem
cell culture, the liquid nitrogen tank

13:00

Lunch