

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 and coordination



Patronage



National patronage



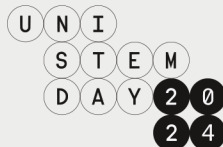
National coordination



In collaboration with



Instituto de Salud Carlos III (ISCIII) - Proyecto: RD21/0017/0001. Red Española de Terapias Avanzadas TERAV "Financiado por la Unión Europea NextGenerationEU Plan de Recuperación Transformación y Resiliencia"



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



Aula M2/002
Facultat de Medicina,
Universitat Autònoma de Barcelona
Campus UAB, Bellaterra
Opening time: 9:00am

Coordinator: Dr. Quim Hernández
(Tenure-Track Lecturer)

Organizers:
Dr. Quim Hernández, Joana Garcia,
Dr Sergi Verdés i Dr. Xavier Navarro

9:00 - 9.15
Opening by the Coordinator
and welcome video

9:15 - 9.45
Greetings from Dr. Xavier Navarro,
Professor., Head of Neuroplasticity and
Regeneration Group, Institut de
Neurosciències,
Universitat Autònoma de Barcelona (UAB)
Advanced and regenerative therapies

9:45 - 10:10
Joana Garcia (PhD Student)
Introduction. What is a Stem cell?

10:10 - 10:30
Dr Quim Hernandez
(Tenure-Track Lecturer)
iPSC, revolutionizing the Stem Cells

10:30 - 10:50
Dr Sergi Verdés (Postdoc)
Gene therapy to solve diseases

11:00 - 11:30
Break

11:30 - 12:15
Play: *"Making an Organ with Stem Cells"*

12:30 - 12:50
Video Session
Stem Cells and Cell Therapy
Examples Cell Therapy

12:50 - 13:30
Dr Quim Hernandez
(Tenure-Track Lecturer)
Joana Garcia (PhD Student)
*Advanced therapies, the future of
medicine. What do we do in research?*

13:30
End of Unistem Day