

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 by involving students and teachers in a variety of activities. 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. They will gain an appreciation for science and that it can be fun and it builds personal character based on evidence, perseverance and integrity. As in the previous years, UNISTEM DAY 2018 will bring together Universities and High Schools from all over Europe by involving 74 European Universities in Austria, France, Germany, Italy, Poland, Serbia, Spain, Sweden, UK, Hungary.

UniStem is the Centre for Stem Cell Research of the University of Milan founded in 2006 by E. Cattaneo, G. Cossu, F. Gandolfi, Y. Torrente and joined by G. Testa in 2015. The 2018 UNISTEM DAY event is part of the activities of scientific dissemination on stem cells promoted by the Centre. UNISTEM DAY is the largest public event on stem cell research in Europe and it celebrates its 10th annual edition this year.

THE EVENT WILL HAPPEN
SIMULTANEOUSLY IN 10 COUNTRIES



Concept and Coordination

uniStem

Supporter



Sponsors

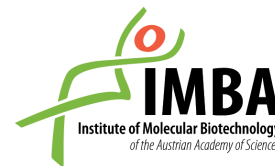


10th UniStem Day

Europe
United
by Science

The long
and fascinating
trip of stem cell
research

16th March
2018
9.00^{am}

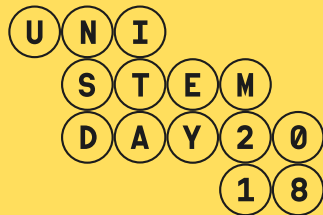


IMBA Institute of Molecular Biotechnology & Vienna Open Lab

Vienna Open Lab

Dr.-Bohr-Gasse 3,
1030 Wien,
Austria

16th March 2018
9.00



About them

IMBA - Institute of Molecular Biotechnology is one of the leading biomedical research institutes in Europe focusing on cutting-edge functional genomics and stem cell technologies. IMBA is located at the Vienna Biocenter, the vibrant cluster of universities, research institutes and biotech companies in Austria. IMBA is a subsidiary of the Austrian Academy of Sciences, the leading national sponsor of non-university academic research.

www.imba.oeaw.ac.at

The Vienna BioCenter (VBC) is a leading life sciences location in Europe, offering an extraordinary combination of research, education and business on a single campus. About 1,600 employees, more than 1,000 students, 93 research groups, 16 biotech companies, and scientists from more than 40 nations create a highly dynamic environment. www.viennabiocenter.org

The Vienna Open Lab was initiated by "Open Science", a non-profit organization promoting science education and public dialogue, and IMBA. The hands-on life science laboratory targets groups of any age, ranging from 6 to 99 and offers various workshops for children, teenagers and grown-ups. Young scientists who have been trained as tutors assist the "lab members for a day" in performing a wide range of experiments in the fields of genetics, genetic engineering and biotechnology. Over 70,000 people have visited the Vienna Open Lab since opening in 2006.

Daily Program

Stemcell workshop: theoretical introduction and real "lab work"

- Hands on stem cell workshop at the Vienna Open Lab:
- 1.5 hours program in the lab supervised by tutors
- IMBA Stem Cell Facility Provides Stem Cells for the Workshop
- Researchers of the Stem Cell Facility provide additional expertise
- Planned points: changing media splitting cells etc

Ethical role game

In a role game the students reflect upon different perspectives on stem cell research, for example from the point of view of an affected patient/ a researcher/ a clinician/ an ethical committee, etc. These discussions will be based on educational material provided by the Viennese knowledge transfer NGO "Open Science", and material provided by the German Stem Cell Network. Students will interact and debate in small groups.