

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 2019 will bring together Universities and High Schools from all over the world by involving 99 Universities in Australia, Austria, Colombia, France, Germany, Greece, Holland, Hungary, Italy, Singapore, Spain, Poland, Portugal, Sweden and 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 2019 event is one of many UniStem activities on stem cell research divulgation and this year it celebrates the 11th annual day dedicated to secondary school students and can boast being the largest public event on stem cell research in Europe.

Fondazione TIM born in 2008 as an expression of ethical principles, of the strong commitment of responsibility towards the community and the spirit of innovation of Tim. The commitment is to work for an ever-increasing digital, innovative and competitive Italy, collaborating with the institutions to carry out the projects and making available the economic resources and skills of the Group.

THE EVENT WILL HAPPEN IN 15 COUNTRIES



Concept and Coordination:

uniStem
Università degli Studi di Milano Centro di Ricerca sulle Cellule Staminali

Supporter:



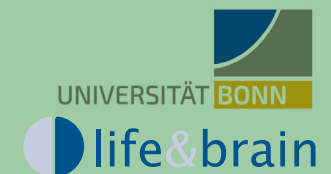
Organizer:



Sponsor:



in collaboration with
FONDAZIONE
TIM



15
März 9.00
2019 Uhr

UniStem Day

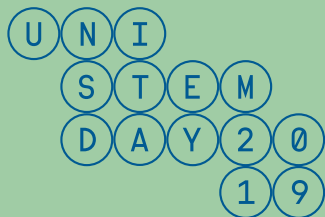
Wissen und Innovation:
die endlose Reise der
Stammzellforschung

(if you surf the web with your eyes closed)

Institute of Reconstructive Neurobiology and LIFE&BRAIN GmbH

Institute of Reconstructive
Neurobiology
LIFE & BRAIN Center
Sigmund-Freud-Strasse 25
50127 Bonn

15th March 2019
9.00am



Morning

Coordinators:
Tanja Schmandt
Ira Herrmann

9:00 → 9:15

Visit the poster and press gallery

9:15 → 9:30

Welcome video and opening by the coordinators

9:30 → 9:45

Oliver Brüstle

Institute of Reconstructive
Neurobiology
Greetings

9:45 → 10:30

Andreas Till

Institute of Reconstructive
Neurobiology
Introduction into stem cell biology

10:30 → 10:45

Break

Afternoon

Coordinators:
Tanja Schmandt
Ira Herrmann

12:30 → 14:00

Visit the labs Part II

In the lab, students will be able to follow the steps of reprogramming from a blood cell to a nerve cell, and ultimately to an organoid microstructure. Where possible, students will also gain some hands-on experiences.

14:00 → 14:45

Michael Peitz

Institute of Reconstructive
Neurobiology
*Genome editing with Crispr/Cas9:
Chances and risks*
lecture followed by discussion

14:45 → 15:15

Stem cell-quiz

Final discussion, price-giving