

All events will take place at the Center for Regenerative Therapies Dresden (CRTD).

Visting address:

📍 Center for Regenerative Therapies Dresden (CRTD)
Fetscherstr. 105,
01307 Dresden



Scan this QR code to get to the website of this event.

➦ <https://tud.link/f1ww3>

Sponsored by:



Contact

Project Coordination
CMCB PR Office

✉ cmcb_press@tu-dresden.de
➦ tu-dresden.de/cmcb



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➦ <https://tud.link/4t8yuj>



Program Auditorium

Talks

📍 Auditorium left

5:15 - 5:45 pm

99 LLPS Balloons: The Hidden Order Inside Cells

🔑 Lukáš Pekárek (BIOTEC)

6:00 - 7:00 pm

Warum Menschen keine halben Bananen sind... und weshalb sich Äpfel doch mit Birnen vergleichen lassen

🔑 Dr. Emanuel Barth
🗣 German

7:15 - 7:45 pm

How stem cells help us understand and treat brain diseases

🔑 Prof. Dr. Jared Sternecker

Science Slam

📍 Auditorium

🕒 9:30 - 11 pm

📖 Entertaining, lively, and vivid presentations of various life science research topics, each in just 5 minutes. Clear the stage for the scientists who take up the challenge! As the audience, you, and the jury can decide who wins the Science Slam.



Kids Program

Booths

All booths marked with this symbol 🧒 are also suitable for children

Kids corner

📍 0.15

🕒 5:00 – 11:00 pm

📖 Paint salt dough axolotls and wooden fish, craft mice, fish, and axolotls, color pictures, pipette yourself, and get your face painted. An adventure full of fun and creativity awaits you!

Talks

📍 Auditorium left

5:30 - 6:00 pm

Kids' Quiz

🔑 Volunteers of the CRTD (FSJ)
🗣 German

6:30 - 7:00 pm

Superkräfte von Zebrafisch und Axolotl

🔑 Dr. Judith Konantz (CRTD)
🗣 German



**TECHNISCHE
UNIVERSITÄT
DRESDEN**

**DRESDEN
SCIENCE
NIGHT**

14.06.2024

at the Center for Molecular and
Cellular Bioengineering (CMCB)



BCUBE
Center for Molecular
Bioengineering TU Dresden



BIOTEC
Biotechnology Center
TU Dresden



CRTD
Center for Regenerative
Therapies TU Dresden

Dresden Science Night at the CMCB


Join us for the Dresden Science Night at the Center for Molecular and Cellular Bioengineering (CMCB) of TUD Dresden University of Technology.

Scientists from the B CUBE - Center for Molecular Bioengineering, Biotechnology Center (BIOTEC), the Center for Regenerative Therapies Dresden (CRTD), and partner institutions from the Johannstadt campus are looking forward to get you excited about Life Sciences. You can expect various hands-on experiments, lectures, exhibitions, science slam, and more!

Booths (5pm to midnight)

Ground Floor

- 0.01

Do Worms Dream? Unraveling the Mysteries of Sleep with *C. elegans*.
 Bringmann Group (BIOTEC)
- 0.02

Guardians of the Gate: Exploring the Dynamic World of Tight Junctions
 Honigmann Group (BIOTEC)
- 0.03

How Stiff Are Our Body's Tissues?
 Taubenberger Group (BIOTEC)
- 0.04

Unleash Your Sense of Smell: The Olfactory Challenge
 Calegari Group (CRTD)
- 0.05

Liver and gut: Tissue regeneration and where it goes wrong.
 ZeiBig Group (CRTD)
- 0.06

Hungry Macrophages: Big Eater in our Body
 Sieweke Group (CRTD)

- 0.07

The Future of Cell and Gene therapy
 Buchholz Group (Medizinische Fakultät Carl Gustav Carus)
- 0.08

The Language of Our DNA
 Poetsch Group (BIOTEC)
- 0.09

Exploring Bioinformatics Through Games and Activities
 Schroeder Group (BIOTEC)
- 0.10

SaxoCell: Living Drugs
 SaxoCell
- 0.11

Kisker Biotech
(Sponsor)
- 0.12

Tiny Things Made Visible
 Light Microscopy Facility (CMCB)
- 0.13


Unleashing Innovation with iGEM!
 TUD iGEM Team
- 0.14

Life Sciences for Dummies
 Students from the Martin-Andersen-Nexö-Gymnasium (MANOS)
- 0.15

Kids Corner
More information on the back of the flyer

First Floor

- 1.01

Explore the World of Small Molecule Arrays
 Zhang Group (B CUBE)
- 1.02

How Do Single Cell Green Alga Swim Towards the Light?
 Diez Group (B CUBE)
- 1.03

Tracking the Dance of Molecules
 Schlierf Group (B CUBE)

- 1.04

The Beautiful World of Arthropods
 Politi Group (B CUBE)
- 1.05



Dive Into the Depths of Marine Life!
 Zlotnikov Group (B CUBE)
- 1.06


Diatoms: What Are They?
 Kröger Group (B CUBE)
- 1.07


Islands and Diabetes - What is the Connection?
 Paul Langerhans Institut Dresden (PLID)


Second Floor



- 2.01

Explorer Tunnel
 Brand Group (CRTD)
 AG Becker Group (CRTD)
- 2.02

Brain Organoids - New Models to Study Human Brain Development
 Albert Group (CRTD)
- 2.03

Nerve Cells - Create Your Own Model
 Albert Group (CRTD)
- 2.04

Physics of Life: How Do Cells Self-Organize Into a Living Organism?
 Cluster of Excellence Physics of Life (PoL)
- 2.05

Insight Into the Eye - Darkroom Exprience & Outlook on Therapeutic Approaches for Degenerative Eye Diseases
 Ader Group (CRTD)
 Karl Group (CRTD, DZNE)

Third Floor

- 3.01

Zebrafish Rock!
 Becker Group (CRTD)

Feedback

We would appreciate it if you could let us know how you liked the **Dresden Science Night** at the Center for Molecular and Cellular Bioengineering (CMCB) of TU Dresden.

Poor

Fair

Average

Good

Excellent

I especially liked:

I did not like:

Thank you for your feedback and your visit!