



## Kids Program

### Booths

All booths marked with this symbol  are also suitable for children

### Scavenger Hunt


 0.12

 An immersive adventure across the entire building!  
Can you solve all tasks, find the secret code,  
and open our treasure chest?

### Kids' corner

 0.13

 5:00 – 11:00 pm

 Paint salt dough axolotls and craft mice, fish, and axolotls.  
Color pictures and learn how to pipette. An adventure full  
of fun and creativity awaits you.

### Talks

5:30 - 6:00 pm

#### Superkräfte von Zebrafisch und Axolotl

 Dr. Judith Konantz (CRTD)  
 German

6:30 - 7:00 pm

#### Kids' Quiz

 Volunteers of the CRTD (FSJ)  
 German

### Tour

#### Visiting the Axolotls

 0.14

 5:30 – 8:30 Uhr, tours take place every 30 min

 suitable for children aged 6-12



## Program Auditorium

### Talks

 Auditorium left

5:30 - 6:15 pm

#### How Can We Use Stem Cells to Find New Treatments for Motor Neuron Disease?

 Prof. Jared Sternecker

6:20 - 7:05 pm

#### A Glimpse Into the Future: Cell Replacement Therapies To Restore Vision

 Maria Pavlou

7:10 - 7:55 pm

#### Brain Organoids: How Stem Cell Models Help Us Understand the Brain

 Prof. Mareike Albert  
 German


8:30 - 9:15 pm


#### Innovation and Caution: How Science Shapes Society

 SaxoCell  
 Hannah Arendt Institute for  
Totalitarianism Studies e.V.  
 German

### Science Slam

 Auditorium

 9:30 - 11:00 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.

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

### Visiting 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/wawpd4>

## Contact

### Project Coordination

CMCB PR Office

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 <https://tud.link/qcdhg5>



TECHNISCHE  
UNIVERSITÄT  
DRESDEN



# DRESDEN SCIENCE NIGHT

20.06.2025

at the Center for Molecular and  
Cellular Bioengineering (CMCB)



# 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

**Exploring Bioinformatics Through Games and Activities**  
 Schroeder Group (BIOTEC)


- 0.02

**Do Worms Dream? Unraveling the Mysteries of Sleep with *C. elegans***  
 Bringmann Group (BIOTEC)
- 0.03

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


- 0.04

**Guardians of the Gate, Exploring the Dynamic World of Tight Junctions**  
 Honigmann Group (BIOTEC)
- 0.05

**Career Booth**  
Explore career opportunities at the CMCB
- 0.06

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


- 0.07

**How Does Jerry Mouse Find Cheese?**  
 Calegari Group (CRTD)

- 0.08

**Unleashing Innovation in the iGEM Competition!**  
 TUD iGEM Team
- 0.09

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


- 0.10

**Dresdner Seniorenakademie**
- 0.11

**SaxoCell: Living Drugs**  
 SaxoCell
- 0.12

**Scavenger Hunt**  
More information on the back of the flyer


- 0.13


**Kids' Corner**  
More information on the back of the flyer



- 0.14


**Visiting the Axolotls**  
 Note: available 5:30 - 8:30 pm


### First Floor


- 1.01


**Tracking the Dance of Molecules**  
 Schlierf Group (B CUBE)



- 1.02


**Molecular Motors: A Delivery Service Inside Our Cells**  
 Diez Group (B CUBE)



- 1.03


**The Oily Boundary of Life**  
 Sáenz Group (B CUBE)
- 1.04


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


- 1.05

**The Beautiful World of Arthropods**  
 Politi Group (B CUBE)


- 1.06

**Bone Wars - Balancing Osteoblasts and Osteoclasts in the Battle of Arthritis**  
 Andreev Group (CRTD)



- 1.07

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

### Second Floor

- 2.01

**Spotlight on Axolotls: Meet the Super-Regenerators**  
 Sandoval-Guzmán


- 2.02

**The Living Lens: Experiencing Biology with Apple Vision Pro**  
 Brugués Group (PoL)


- 2.03

**3D Visualisation of Microscopy Images With Apple Vision Pro**  
 Yang Group (PoL)


- 2.04

**Water Droplets in Cells**  
 Adams Group (PoL)


- 2.05

**Painting Pipetting Robot**  
 Jahnel Group (PoL)


- 2.06

**Frogs: Paving the Way for Scientific Discovery**  
 Barriga Group (PoL)


- 2.07

**“Handy” Science: Where Robotics Meets Your Body!**  
 Doyle Group (PoL)


- 2.08

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



### Third Floor

- 3.01

**Zebrafish in Action - Tiny Fish, Big Science!**  
 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!