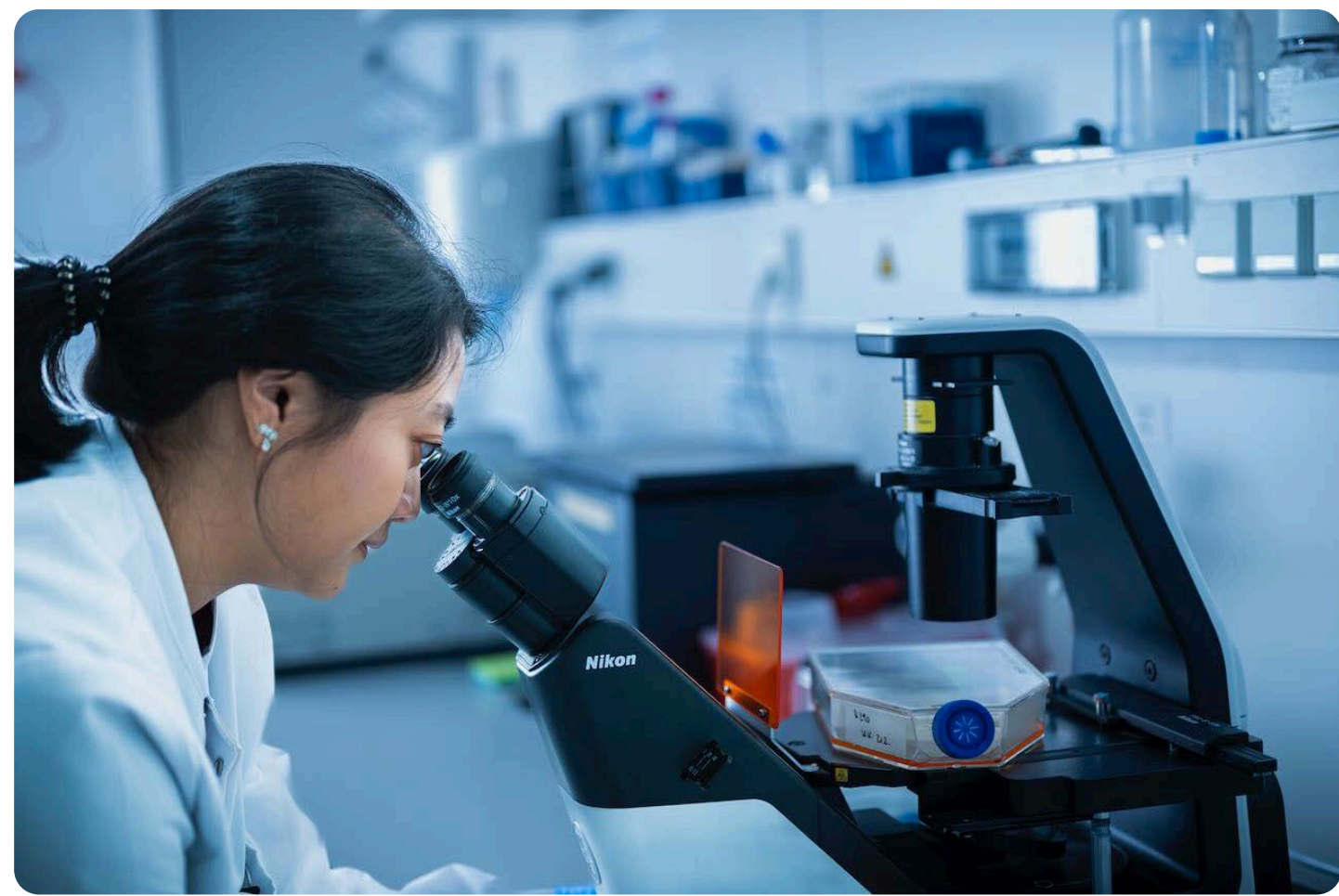


EKFZ

Optogenetic Therapies

October 2025

NEWSLETTER



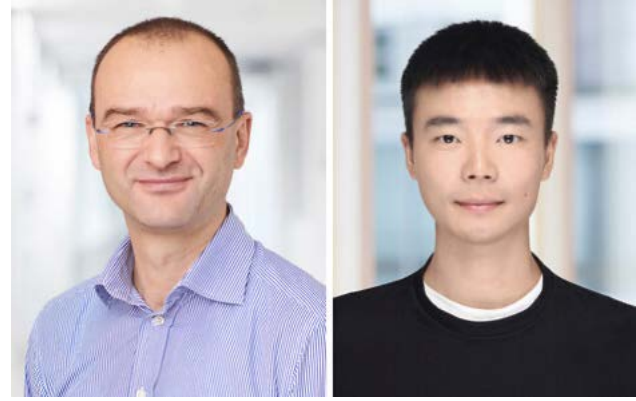
Dear readers,

With this newsletter, we would like to inform you about the latest news from the Else Kröner Fresenius Center for Optogenetic Therapies. We also welcome suggestions and contributions, which can be distributed among our members and associated partners.

Your

Else Kröner Fresenius Center for Optogenetic Therapies

Represented by Tobias Moser, Emilie Macé and Tobias Brüggmann



Credit: UMG/Frank Stefan Kimmel

NEWS - Press release

Early childhood deafness – Researchers at Göttingen Campus decipher structure and function of a key hearing protein

[Read more →](#)

NEWS - Scholarship awarded

Congratulations! Esther Grewe has successfully secured funding from the Studienstiftung des deutschen Volkes. She received a doctoral scholarship on the topic "Engineering of Optimized Red-Shifted Channelrhodopsins for Future Optogenetic Therapies" for 36 months. Esther Grewe is a doctoral student of the Platform 1 under the supervision of Thomas Mager and Tobias Moser.

[Read more →](#)

Optogenetics Meeting 2025

Successfully completed with over 100 participants. Thank you all!

From October 9 to 11, 2025, the second Optogenetics Meeting took place in Uslar/Volpriehausen at the country hotel "Am Rothenberg". During these inspiring days, experts in the field of optogenetics gathered to present and discuss new data. Furthermore, there were exciting insights into the research work.

[Further details →](#)

KLANGLICHT: Sound of Light

Boris Seewald nominated for the San Francisco Dance Film Festival

The audiovisual music project "Klanglicht – Sound of Light", which aims to convey the impressions of individuals who hear again for the first time after years of severe hearing loss or deafness, following the initial fitting of a cochlear implant, was nominated for the San Francisco Dance Film Festival for its artistic achievement. Video artist Boris Seewald (Berlin) has once again demonstrated his creativity internationally with this project.

[Further details →](#)



Credit: Kevin Schwarz, Landhotel Am Rothenberg



Latest publications

Structure and function of otoferlin, a synaptic protein of sensory hair cells essential for hearing (2025) Han Chen et al. Science Advances

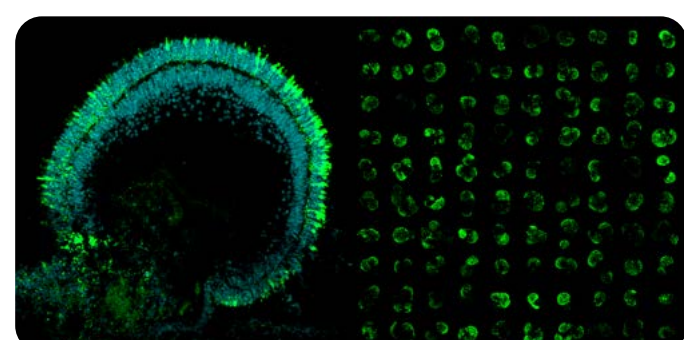
[Read more →](#)

Upcoming lectures

November 5th, 2025

Dr. Magdalena Renner: High-throughput Retinal Organoids for Therapeutic Development

[Read more →](#)



Academy

EKFZ Academy workshop "Regulatory frameworks for animal research – best practices and challenges" on October 22nd, 2025.

[Read more →](#)



New staff

We welcome **Ms. Jana Sie** to EKFZ. She has been working for us as an additional veterinarian since October 1st, 2025.

[Contact details →](#)



Job advertisements

Else Kröner Fresenius Center is seeking to fill the following position as soon as possible: Financial Officer / Third-Party Funding Administrator

Check out our latest job vacancies

[See more →](#)



Science Days, October 23-25, 2025 Europa-Park Rust

EKFZ and CRC 1690 at booth C52, Bernstein Network Computational Neuroscience, participating

The EKFZ and CRC 1690 will be represented during the Science Days at the Europa-Park in Rust. Both institutions will share one exhibition site. Visitors can learn about hearing and experience the art video *Klanglicht – Sound of Light*.

Science Days offer students and teachers a great opportunity to discover cutting-edge topics in science and technology from different perspectives and to get involved themselves at many stands.



[Read more](#)



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