

# EKFZ

## Optogenetic Therapies

May 2026

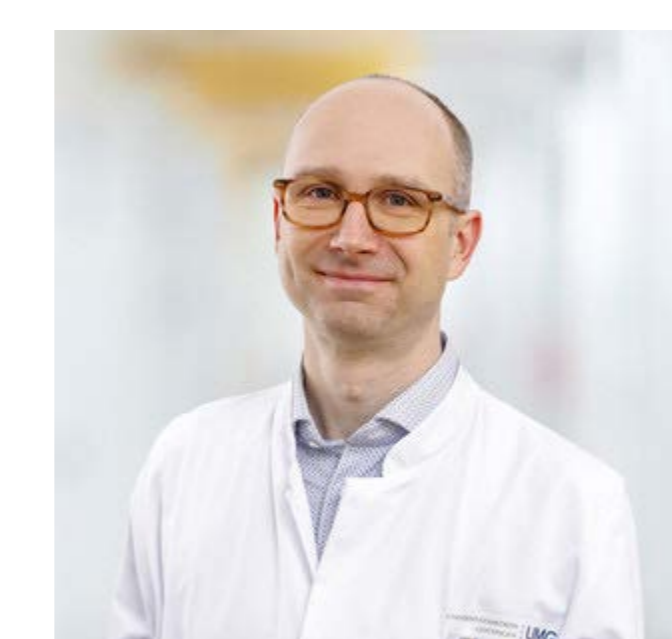
### NEWSLETTER



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 Mace and Tobias Brüggemann

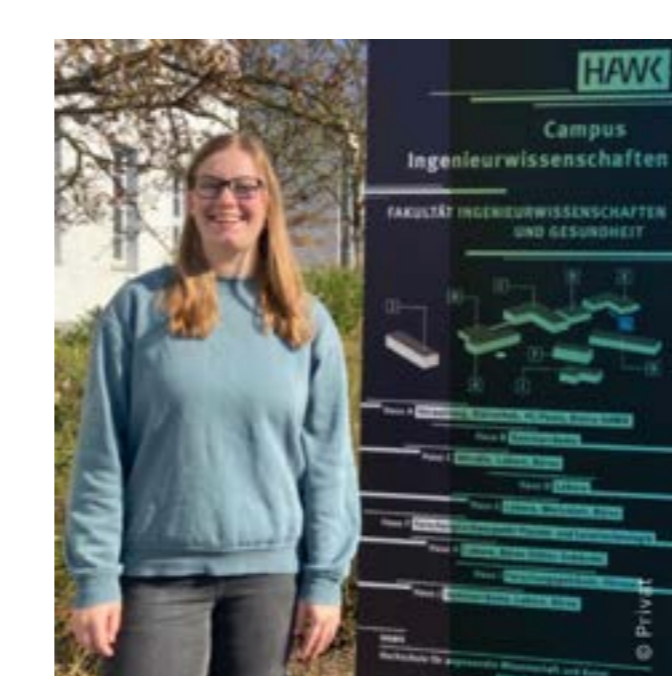


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#### ELSE KRÖNER PROFESSORSHIP FOR TRANSLATIONAL OPHTHALMOLOGY

**New Else Kröner Professorship in Translational Ophthalmology at the University Medical Center Göttingen**  
On May 1st, 2026, PD Dr. med. Christian von Cullen assumed the Else Kröner Professorship in Translational Ophthalmology at the Department of Ophthalmology at the University Medical Center Göttingen.  
The professorship is intended specifically to advance the people clinical studies within the "Optogenetic Vision Restoration" Team. The Team II is working on innovative therapeutic approaches to restore vision.

[EKFZ: Read more →](#)



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#### DEVELOPING TECHNOLOGY AND SAVING LIVES - Interview with Fenja Hanneken

The new issue 04/05 2026 of think ING kompakt focuses on the fascinating topic of medical technology. Featured in this issue is Fenja Hanneken, a student at the University of Applied Sciences and Arts (HAWK) and a student assistant at the Else Kröner Fresenius Center for Optogenetic Therapies.

[Read more →](#)



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#### FOCUS ON GENE AND CELL THERAPIES: International Experts Highlight Opportunities and Challenges

Whether it's new treatment options for cancer, rare diseases, or age-related conditions – leading researchers and experts from clinical practice and industry are gathering in Frankfurt am Main to share their knowledge on modern gene and cell therapies.

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#### EKFS ANNUAL REPORT 2025

The EKFS OT is featured in the EKFS's 2025 Annual Report. This time, the project selected for inclusion is the audiovisual art project "KLANGLICHT - sound of light". See page 16 for more details.

[EKFZ: Read more →](#)



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#### SCIENCE GOES CITY A day full of information and visitors

On April 19th, 2026, science came directly to interested visitors. Under the motto "Science goes City" Göttingen's city center turned into a huge hands-on experience zone for joining it, trying things out, and marveling.

Over 60 activities, diverse experiments, and fascinating insights into current research were presented.

[EKFZ: Read more →](#)

[DPZ: Read more →](#)



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#### WORLD LAB ANIMAL DAY on April 24th, 2026

Are animal experiments still necessary today? Aren't there already good animal-free research methods? And how are the animals in these experiments faring? Animal experiments are a subject of heated debate, and opinions and facts often get mixed up when emotions come into play. To mark International Laboratory Animal Day, institutions on the Göttingen Campus provided information about their research involving animals.

[UNI: Read more →](#)

[DPZ: Read more →](#)

[MPI NAT: Read more →](#)

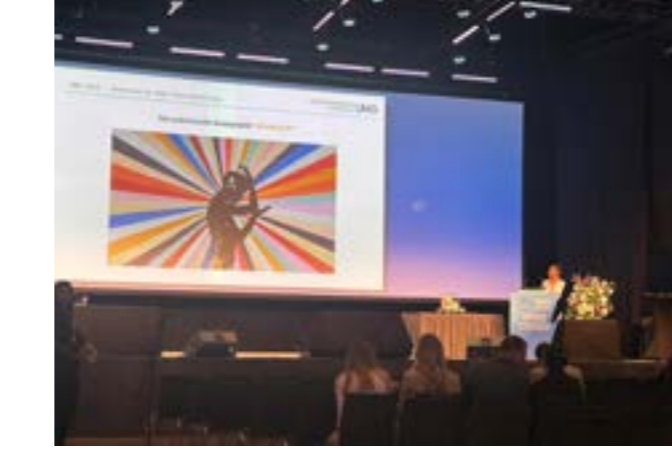


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#### KLANGLICHT - sound of light - AT ENT CONGRESS

Jenny Blum, an audiologist at UMG, presented the audiovisual music project KLANGLICHT - sound of light - during the ENT Congress 2026 in Ulm at the Donauhalle. It was a truly unique spatial and auditory experience.

[Read more →](#)



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#### LATEST PUBLICATIONS

A modular method for high-throughput measurement of ion channel currents in cardiac myocytes. *Nature protocols*, 2026

Remodelling der inneren Netzhaut – Implikationen für zölogischste Otiogenetik. *Die Ophthalmologie* 2026

Mixed-selective organization of reach and grasp in the primate fronto-parietal network. *PLoS Neurosci*, March 2026

Clinical and genetic heterogeneity of syndromic hearing loss and its non-syndromic hearing loss mimics. *Mol Med* 2026

[Read more →](#)



#### ACADEMY PROGRAM

**Upcoming workshop**  
June 16th, 2026, 3:00 pm - 5:00 pm  
EKFZ Academy workshop "Introduction to the Quality Management System for Combination Products"



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Venue: MPI NAT, City Campus, Lecture Hall

**Last workshop**  
How can medical device approval be achieved in a complex regulatory environment?

This central question was addressed in the EKFZ Academy Workshop "Medical Devices – Quality and Approval at a Glance" led by Dr. Sabine Häußk.

[Read more →](#)

#### EKFZ WORKSHOPS: Training, Career Development, and Communication

We are planning workshops for academic staff on the following topics:

- Workshop "The Resilient Researcher: Your PhD Survival Guide"
- Workshop "Career Choices: Craft your career according to your strengths and values"
- Workshop "Effective Communication: Leading Difficult Conversations, Dealing with Conflict, Negotiating effectively"

If you're interested, please send an e-mail to: [ekfz@med.uni-goettingen.de](mailto:ekfz@med.uni-goettingen.de)



#### EKFZ LECTURES

##### UPCOMING LECTURES

June 3rd, 2026, 4:00 pm  
Prof. Dr. J. Simon Wiegert  
Heidelberg University

*Shining New Light on an Old Concept: Optogenetic Investigations of the Brain Circuits Underlying Pupil-Linked Arousal*  
Venue: MPI NAT, City Campus, Lecture Hall

June 25th, 2026, 3:00 pm  
Prof. Dr. Stefan Launer

Sonova AG, Global leader in innovative hearing care solutions, combining technology leadership, audiological expertise and a strong local presence to serve a growing number of people with hearing loss in more than 100 countries.

Venue: German Primate Center, conference room

July 1st, 2026, 4:00 pm  
Prof. Emma Robinson, Ph.D.  
University of Bristol

*Introducing the 3Hs initiative*  
Only online!

September 9th, 2026, 4:00 pm  
Dr. Rachael Richardson  
The University of Melbourne

*Combining optogenetics and electrical stimulation for precise control of neural modulation*

[Read more →](#)



#### JOB ADVERTISEMENTS

We are looking for:

**Clinician Scientists** (m/f/d) for the Optogenetic Hearing & Vision Restoration Team

**PhD student** (m/f/d) for Team IV, Visual Circuits & Interfaces group, Dr. Patrick Juretzka.

**Technical Assistant** (m/f/d) for Team II Optogenetic Vision Restoration

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#### NEWSLETTER ARCHIVE

Previous newsletters can be found on the EKFZ website under Downloads.

[See more →](#)



# EKFZ

## Optogenetic Therapies

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