## **Resource Summary Report**

Generated by <u>dkNET</u> on May 18, 2025

# National Eye Institute (NEI) Commons

RRID:SCR\_011411 Type: Tool

#### **Proper Citation**

National Eye Institute (NEI) Commons (RRID:SCR\_011411)

#### **Resource Information**

URL: http://www.nei.nih.gov/

**Proper Citation:** National Eye Institute (NEI) Commons (RRID:SCR\_011411)

**Description:** Institute conducts and supports research, training, health information dissemination, and other programs with respect to blinding eye diseases, visual disorders, mechanisms of visual function, preservation of sight, and special health problems of individuals who are visually impaired or blind. Supports vision research through grants and training awards. Conducts laboratory and patient oriented research at its own facilities located on NIH campus in Bethesda, Maryland. NEI has established National Eye Health Education Program.

Abbreviations: NEI, NEI Commons

Synonyms: National Eye Institute, National Eye Institute Commons

**Resource Type:** government granting agency, service resource, storage service resource, data repository

Keywords: blinding, eye, disease, visual, disorder, sight, impaired, grant

Funding: NEI

Resource Name: National Eye Institute (NEI) Commons

Resource ID: SCR\_011411

Alternate IDs: nlx\_inv\_1005096

Record Creation Time: 20220129T080304+0000

Record Last Update: 20250517T060019+0000

### **Ratings and Alerts**

No rating or validation information has been found for National Eye Institute (NEI) Commons.

No alerts have been found for National Eye Institute (NEI) Commons.

#### Data and Source Information

Source: SciCrunch Registry

#### **Usage and Citation Metrics**

We found 51 mentions in open access literature.

Listed below are recent publications. The full list is available at <u>dkNET</u>.

Hekmatjah N, et al. (2025) Virtual reality perimetry compared to standard automated perimetry in adults with glaucoma: A systematic review. PloS one, 20(1), e0318074.

Azam M, et al. (2025) Mechanisms of Rhodopsin-Related Inherited Retinal Degeneration and Pharmacological Treatment Strategies. Cells, 14(1).

Chung DD, et al. (2024) Investigation of the functional impact of CHED- and FECD4associated SLC4A11 mutations in human corneal endothelial cells. PloS one, 19(1), e0296928.

Bellingrath JS, et al. (2024) Large animal model species in pluripotent stem cell therapy research and development for retinal diseases: a systematic review. Frontiers in ophthalmology, 4, 1377098.

Gower EW, et al. (2024) The impact of modified incision height and surgical procedure on trichiasis surgery outcomes: Results of the maximizing trichiasis surgery success (MTSS) randomized trial. PLoS neglected tropical diseases, 18(9), e0012034.

Kumar A, et al. (2024) Genetic changes and testing associated with childhood glaucoma: A systematic review. PloS one, 19(2), e0298883.

Walkowski WG, et al. (2024) The relationship between spectral signals and retinal sensitivity in dendrobatid frogs. PloS one, 19(11), e0312578.

Marques GS, et al. (2023) Asynchronous transcription and translation of neurotransmitterrelated genes characterize the initial stages of neuronal maturation in Drosophila. PLoS biology, 21(5), e3002115.

Papay JA, et al. (2021) Quantifying frequency content in cross-sectional retinal scans of diabetics vs. controls. PloS one, 16(6), e0253091.

Koli S, et al. (2021) Identification of MFRP and the secreted serine proteases PRSS56 and ADAMTS19 as part of a molecular network involved in ocular growth regulation. PLoS genetics, 17(3), e1009458.

Odonkor M, et al. (2021) Serology, infection, and clinical trachoma as tools in prevalence surveys for re-emergence of trachoma in a formerly hyperendemic district. PLoS neglected tropical diseases, 15(4), e0009343.

Jang H, et al. (2021) Noise-trained deep neural networks effectively predict human vision and its neural responses to challenging images. PLoS biology, 19(12), e3001418.

Ji W, et al. (2021) Analysis of growth cone extension in standardized coordinates highlights self-organization rules during wiring of the Drosophila visual system. PLoS genetics, 17(11), e1009857.

Huang HW, et al. (2021) Drosophila fabp is required for light-dependent Rhodopsin-1 clearance and photoreceptor survival. PLoS genetics, 17(10), e1009551.

Freilikhman S, et al. (2021) Melanocytes determine angiogenesis gene expression across human tissues. PloS one, 16(5), e0251121.

Wolle MA, et al. (2021) Risk factors for the progression of trachomatous scarring in a cohort of women in a trachoma low endemic district in Tanzania. PLoS neglected tropical diseases, 15(11), e0009914.

Pasquale RL, et al. (2021) Temporal Contrast Sensitivity Increases despite Photoreceptor Degeneration in a Mouse Model of Retinitis Pigmentosa. eNeuro, 8(2).

Dahl TM, et al. (2021) Effect of conditional deletion of cytoplasmic dynein heavy chain DYNC1H1 on postnatal photoreceptors. PloS one, 16(3), e0248354.

Wu Z, et al. (2021) Complexity and diversity in sparse code priors improve receptive field characterization of Macaque V1 neurons. PLoS computational biology, 17(10), e1009528.

Martín S, et al. (2020) Evaluation of a Virtual Reality implementation of a binocular imbalance test. PloS one, 15(8), e0238047.