

Project 3.3 Preparation of a library of pseudotyped Rabies viruses to target specific cell types in the retina

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Background:

Retinal degeneration diseases are the main cause of blindness in modern society. At the International Centre for Translational Eye Research, we are investigating mechanisms of degenerative diseases and work on new and innovative therapies using unconventional viruses for gene therapy to restore vision in blind animals.

Aim:

The goal of the project is to create a library of the Rabies viruses with changed tropism, that will infect only desired cell types.

Requirements:

We look for candidates that are:

- fluent in English: spoken and written,
- have a Master's degree in biology, medicine, biotechnology, or equivalent,
- have documented experience in the laboratory work,
- have good work culture and strong dedication,
- have knowledge about virology and neurobiology