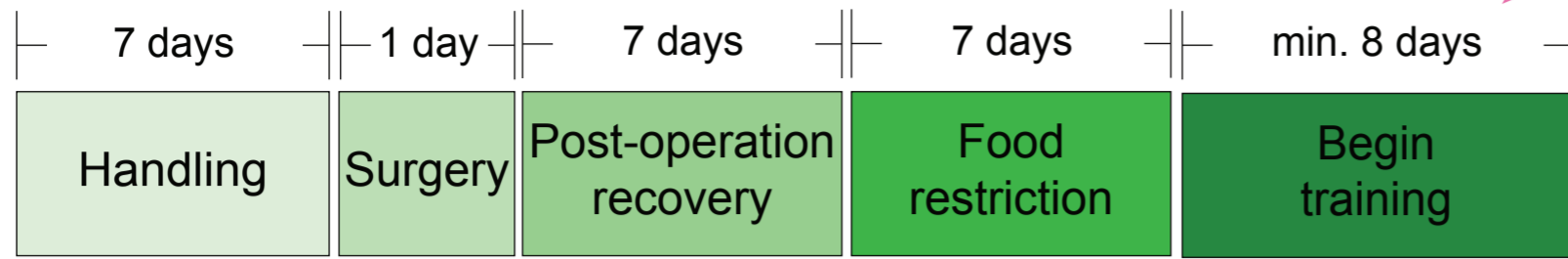
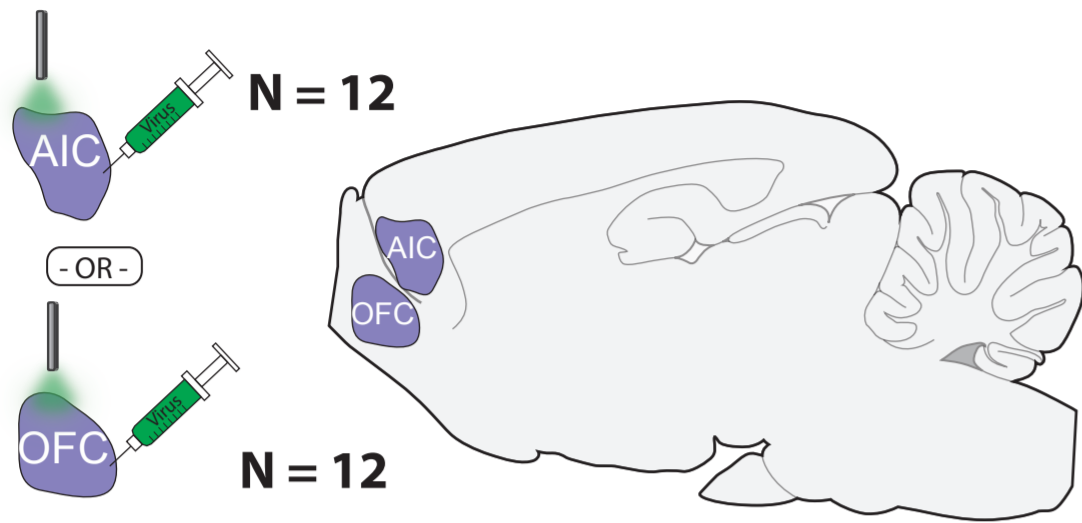


# Surgery & Pre-Experiment

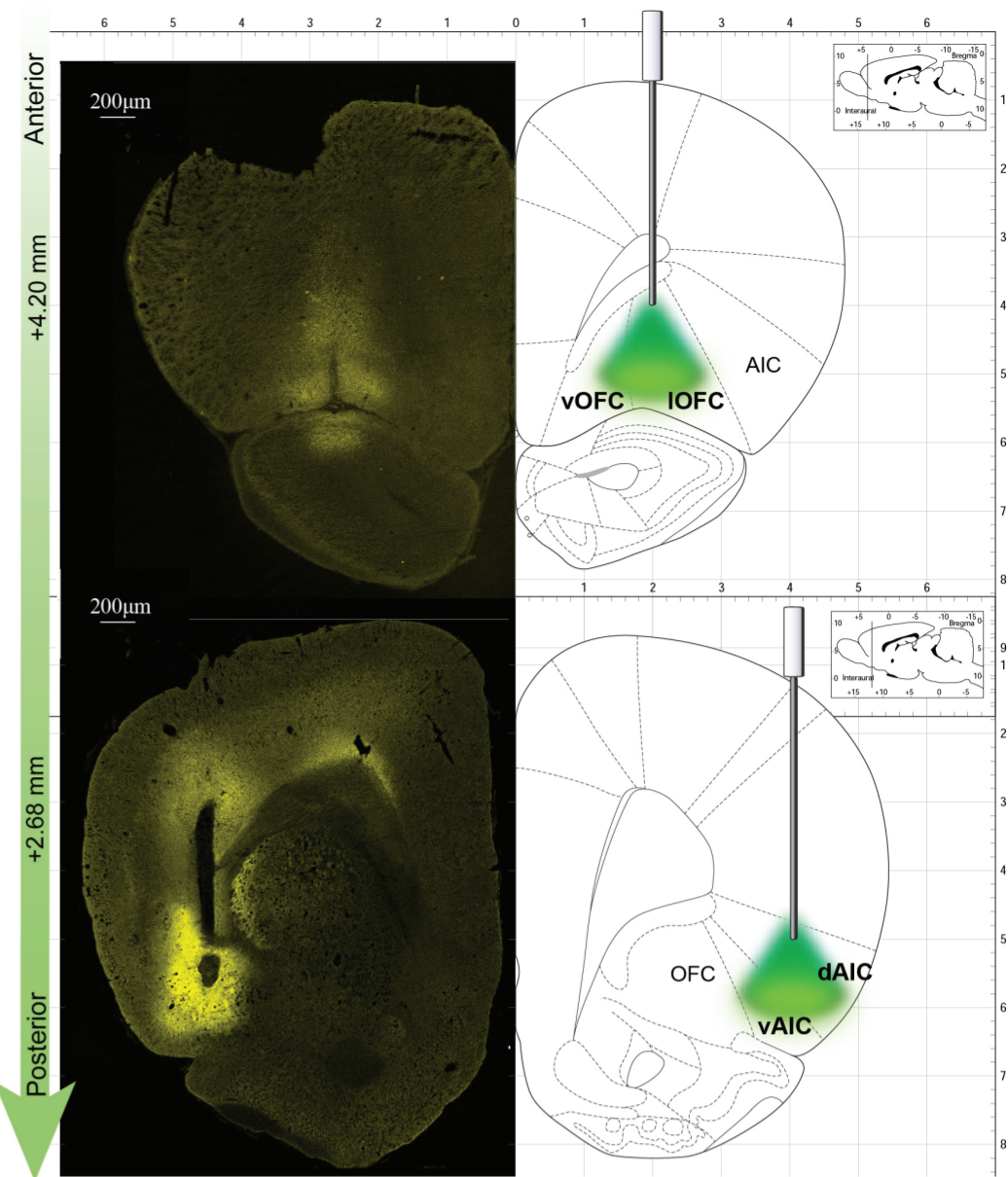
Estrous Sampling



Virus incubation



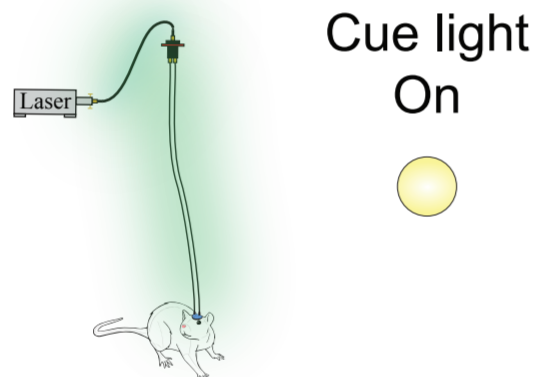
Representative images (5x) of halorhodopsin (eNpHR3.0) expression and optic fiber placement in the OFC and AIC.



# RDT Program

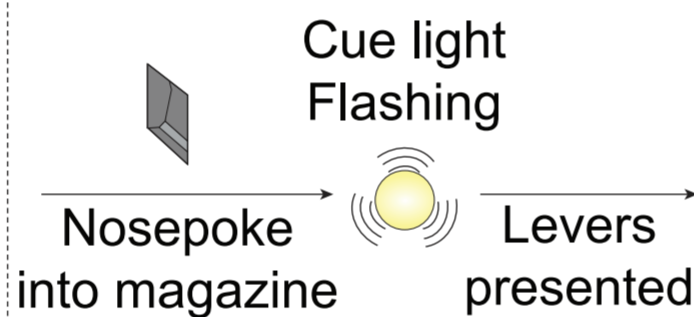
60 Free Choice Trials divided into 3 blocks of increasing risky choice-paired shock probability (0%, 25%, 75%)

Trial Initiation



Choice

A) Pre-Choice



Outcome

Risky  
Or  
Safe

End Trial

B) Risky Loss

C) Risky Win

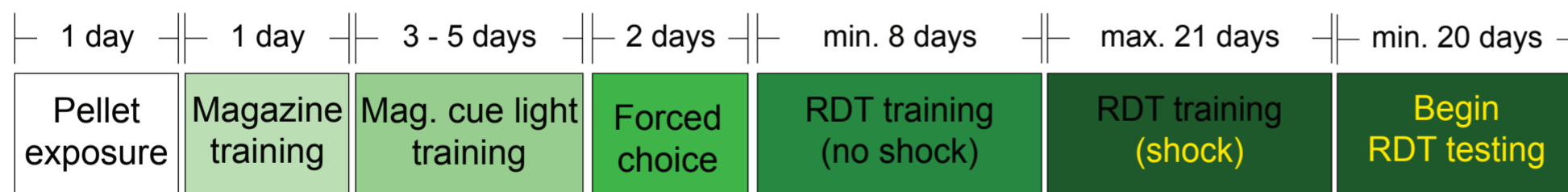
D) Safe

E) Inter-trial interval

No nosepoke in 10 sec  
Trial Omission

No choice in 10 sec  
Choice Omission

# Training Schedule

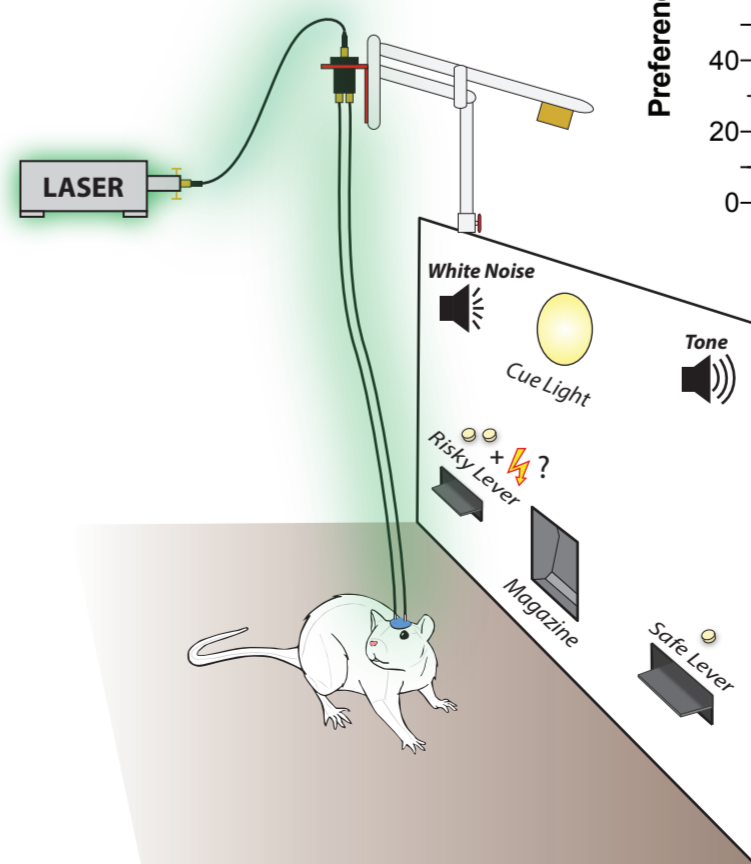


Estrous Sampling

# Task Progression

Task order was counterbalanced across all rats and repeated twice.

1. Pre - inhibition from "Deliberation" until lever choice (4 - 14 sec)
2. RWIN - inhibition during "Risky Win" outcome (4 sec)
3. RLOSS - inhibition during "Risky Loss" outcome (4 sec)
4. Safe - inhibition during "Safe" outcome (4 sec)
5. ITI - inhibition between trials (8 sec)



Shock and training was adjusted so animals fit within this range of acceptable preferences

