## AAV-Specific Vector Policy

AAV Lacking P78 <sup>rep</sup> and Packaging
Line
Containment Level 1 but Containment
Level 2 Recommended

Recombinant AAV Purification + concentration and application requiring

## Containment Level 1

- Non-mammalian genes, gene with no human or animal homologues
- Bacterial/Phage or Viral genes that function as recombinase or genes of a similar nature.
- Fluorescent or opsin proteins only
- Genes catalyzing luminescent reactions such as members of luciferase family
- Other types of reporters genes (eg. HSV Tk)
- AAV vectors expressing siRNA or shRNA of genes that <u>do not</u> affect cell viability or cell proliferation.
- Preference would be to do injections at CL2

## Containment Level 2

- Human genes or homologues of human genes (including DREADDs and genes fused to reporter genes) stay at CL2 until shedding time over (7-10 day minimum) then CL1 housing and handling is permitted
- If animal is needed sooner than 7-10 days post-injection then proceed only at CL2
- Optional testing for shedding per Viral Vector Policy.

## Containment Level 2+ or 3

- Transgenes that are known or suspected
   Oncogenes that promote tumorigenesis, enhance cell survival or proliferation, or are known antiapoptotic genes
- Designation of CL2+ or CL3 depends on risk assessment by investigator and Biohazard Subcommittee
- Mandatory testing for shedding per Viral Vector Policy.