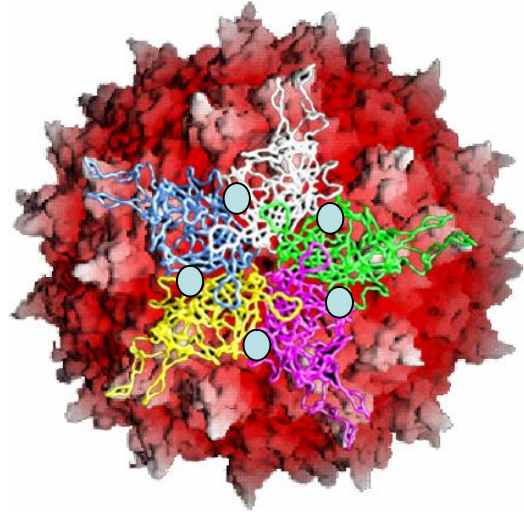
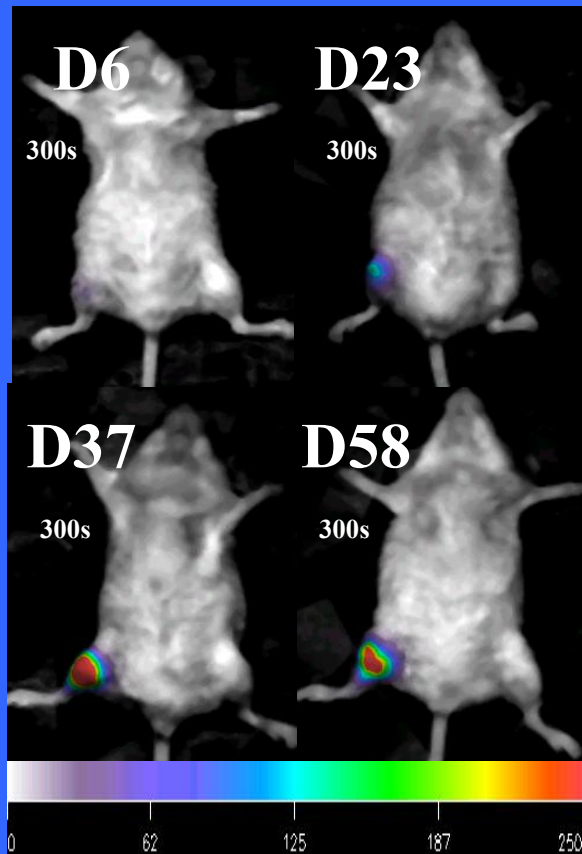


AAV2.5

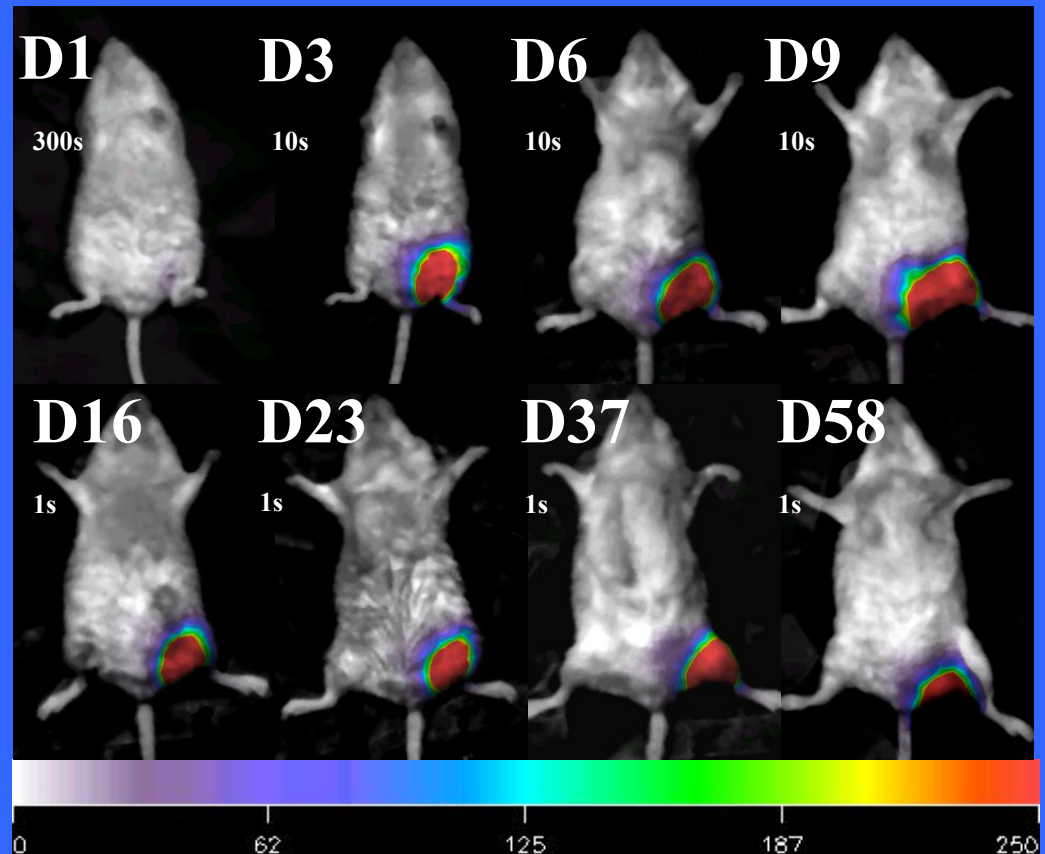


- **Enhanced muscle delivery**
- **Retains HS binding for purification**
- **Utilizes HS for receptor entry**
- **100 fold less reactive to type 2 Ab**

Kinetics of AAV serotypes *in vivo*



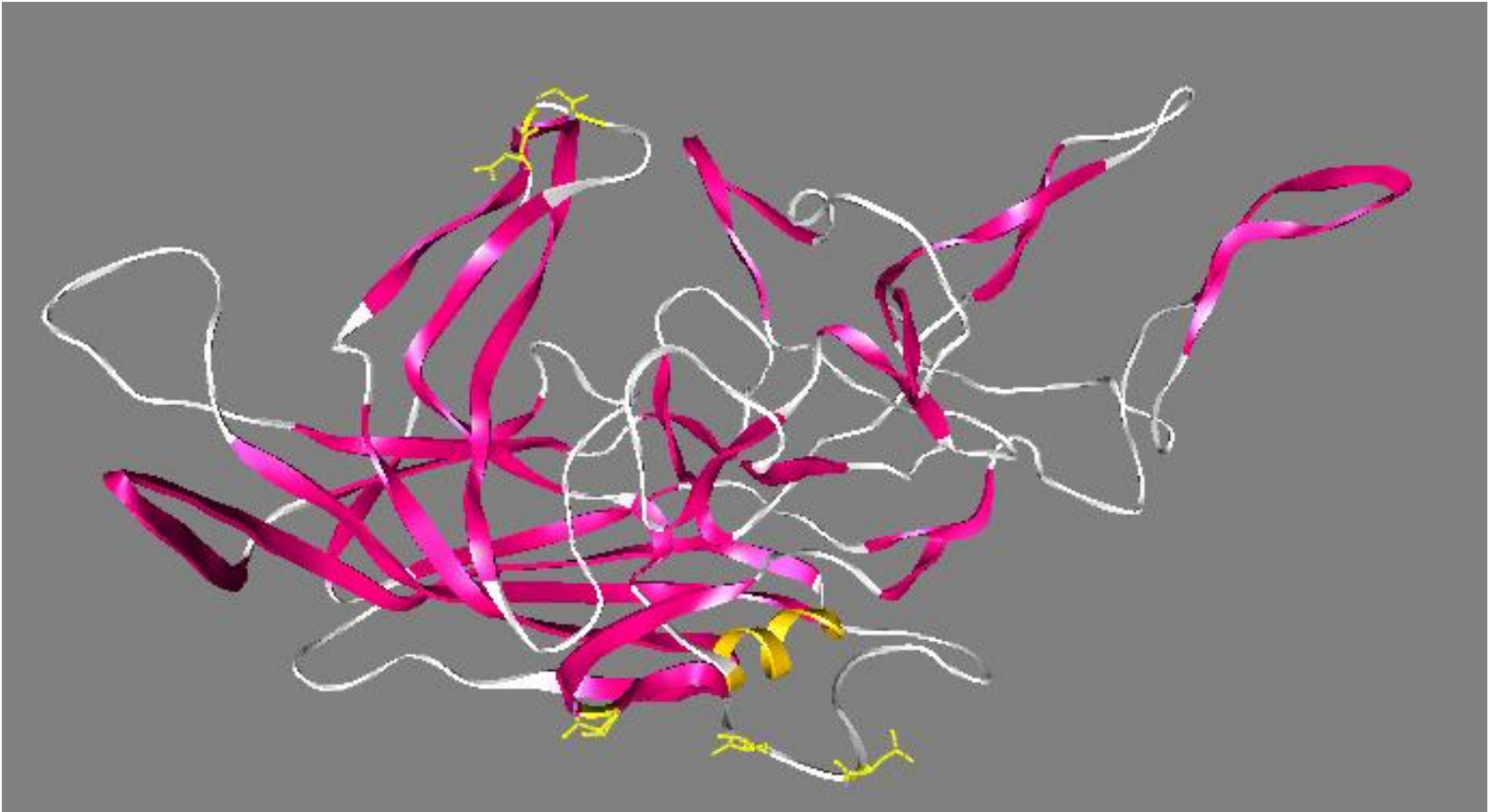
rAAV2, Muscular Injection



rAAV1, Muscular Injection

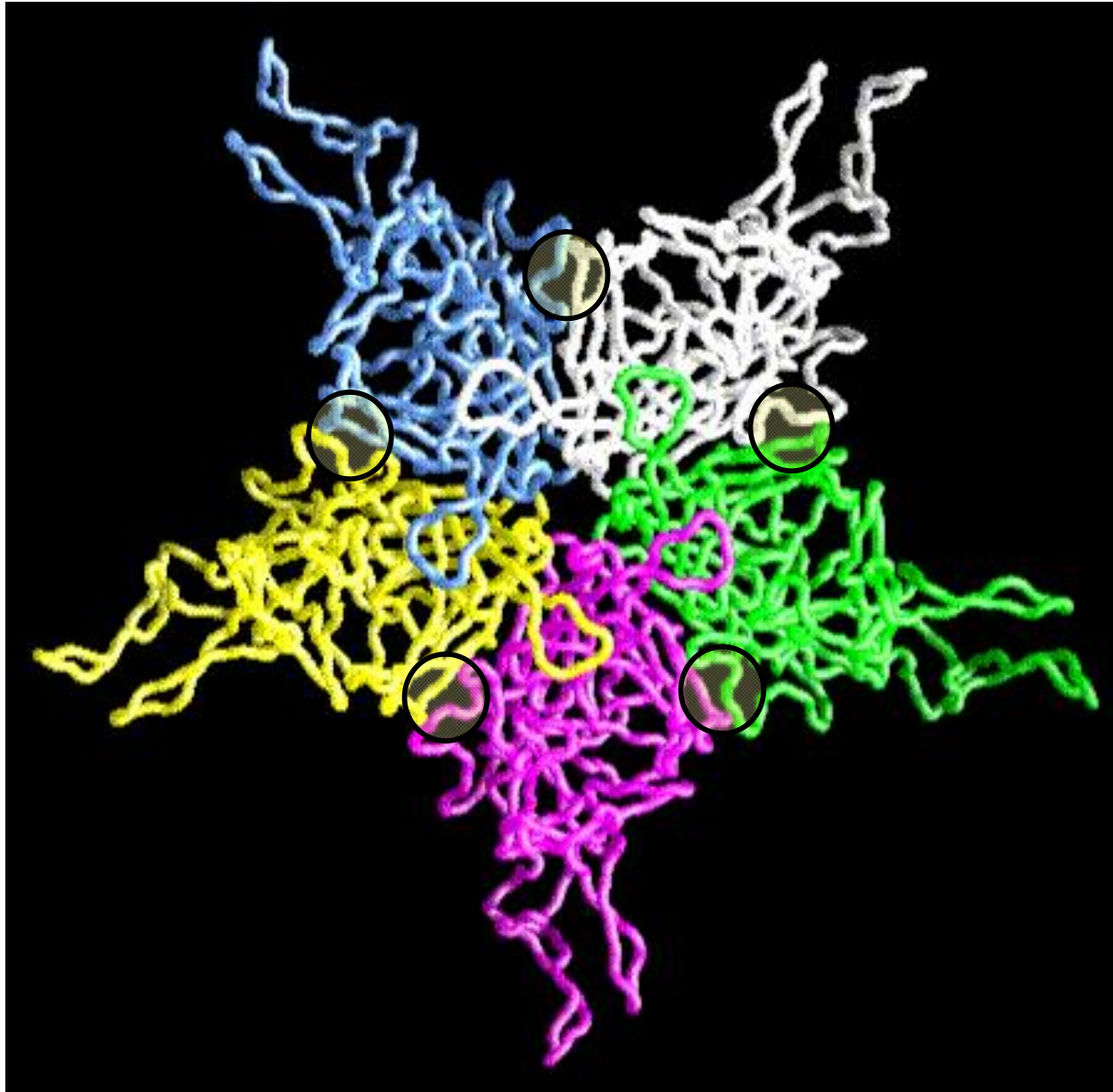
Ref: Images from Dr. Joe Rabinowitz

Rational Mutagenesis of AAV2

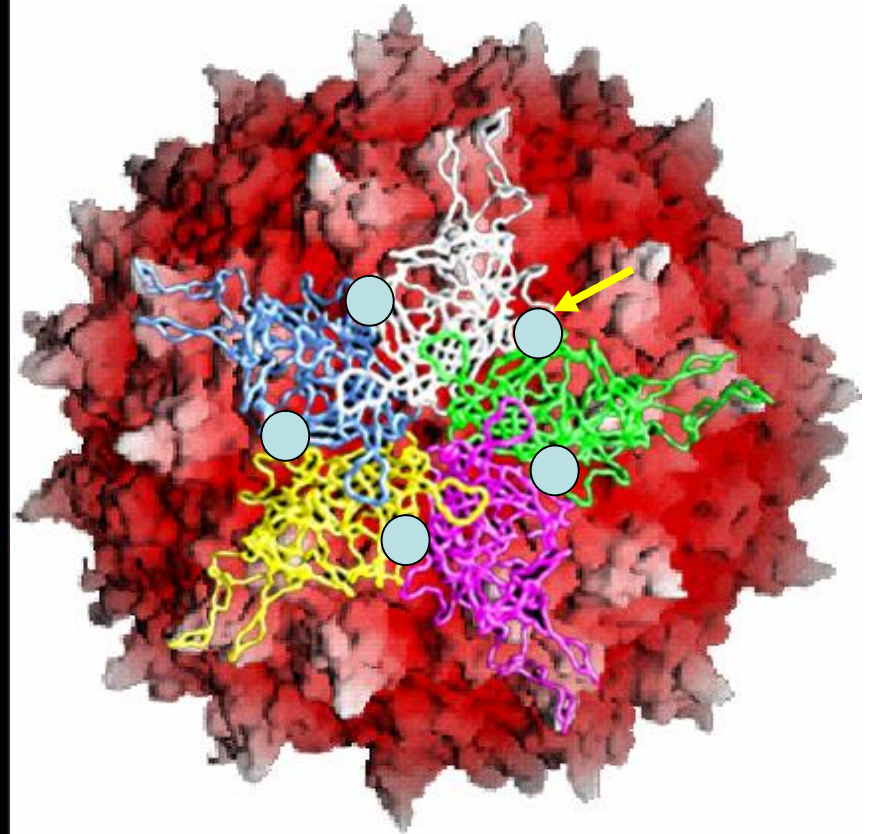
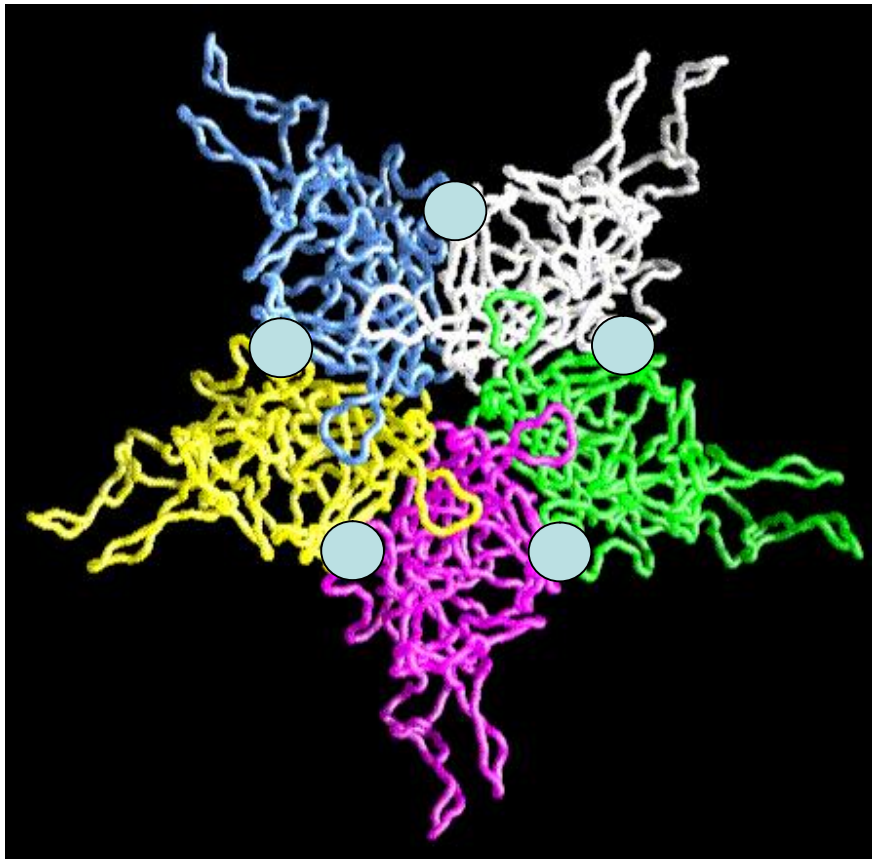


Dawn Bowles

Position on Pentamer

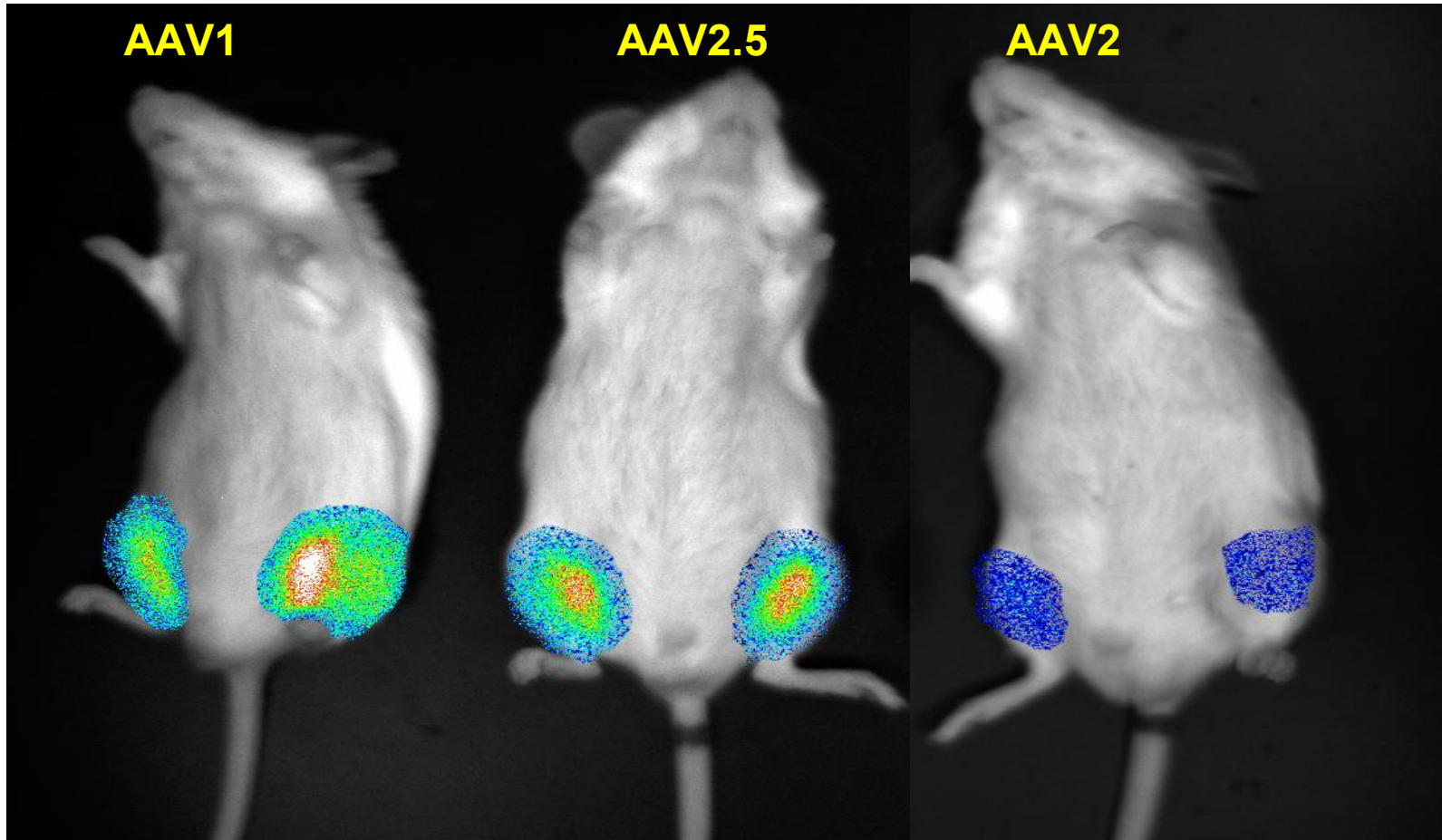


Relationship between Pentamer and Topology Map



Imaging of Luciferase Transgene in BALB/C Mice

Day 4 post injection



1×10^{10} particles injected into each gastrocnemius