

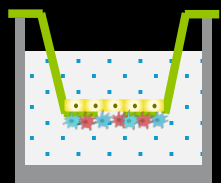
# Antibody Shuttle Project

Developing transcytosis assays to screen shuttle antibodies to cross the BBB carrying therapeutic agents.

Receptor  
Targeting  
Antibody Hits  
(bind target in  
ELISA, FACS)

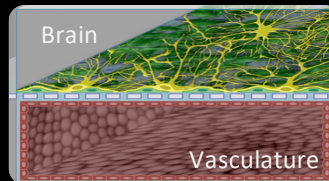


Screen in  
BBB  
Transwells

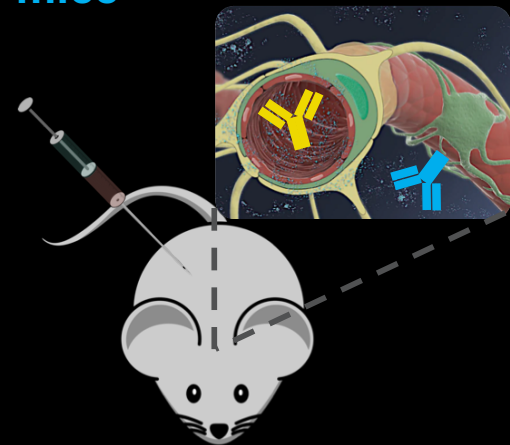


iPS-BMVEC    Astrocytes  
Pericytes

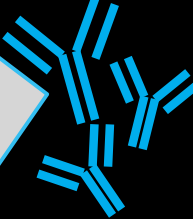
Screen in  
BBB Chip



Confirm in  
humanized  
mice



Antibody  
Leads



# Brain Targeting Program: BBB Exploratory Projects

- BBB Disease Models
- Blood meets the BBB
- iPS-derived parenchymal cells
- Transport of peptides on the BBB
- Reversibly opening the BBB
- Brain-gut axis

