

Drug Delivery through the Blood Brain Barrier

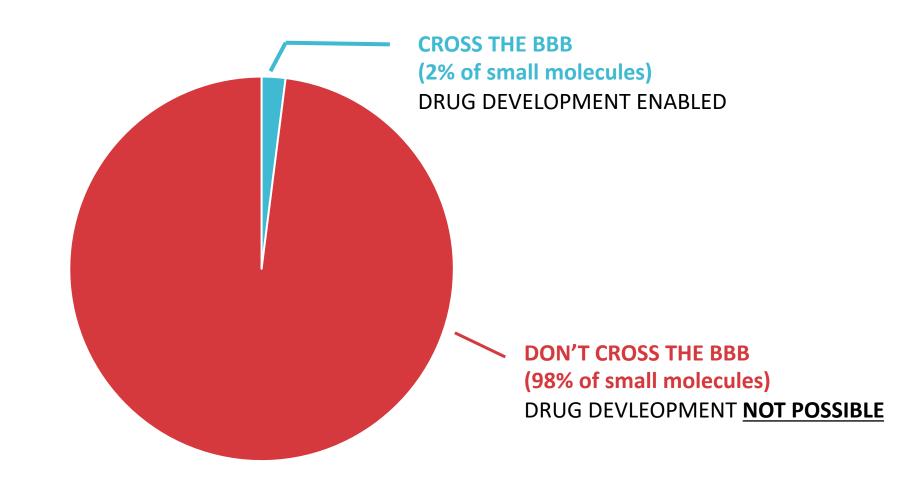
05/29/2024

Yale Innovation Summit 2024

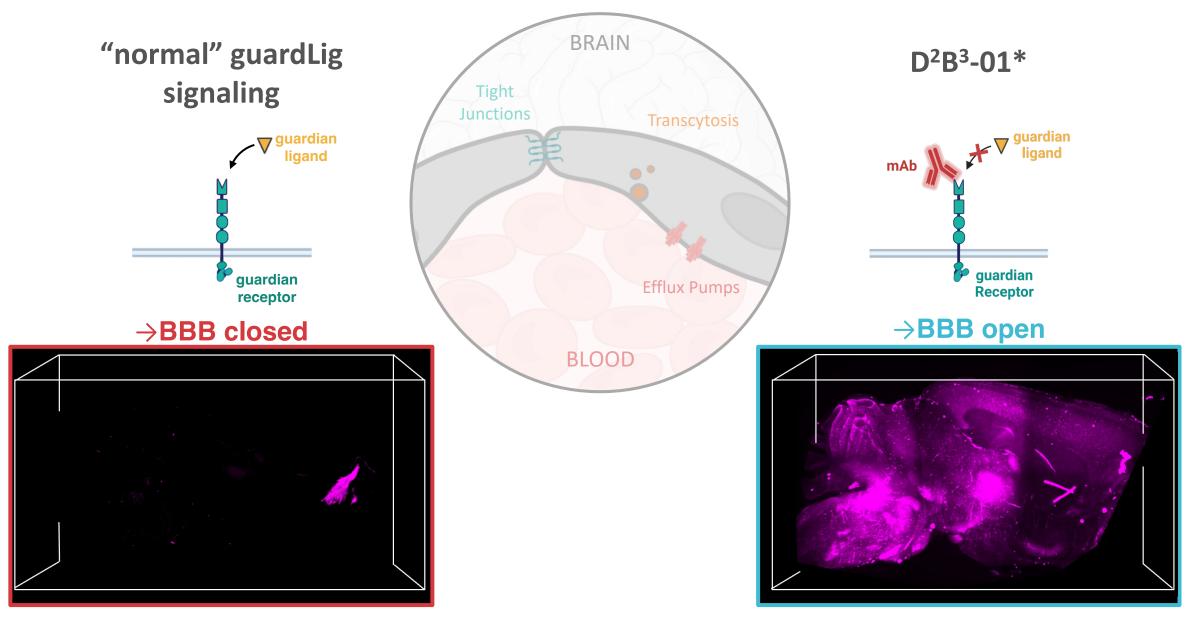
Non-Confidential

THE BBB – AN OBSTACLE FOR DRUG DEVELOPMENT

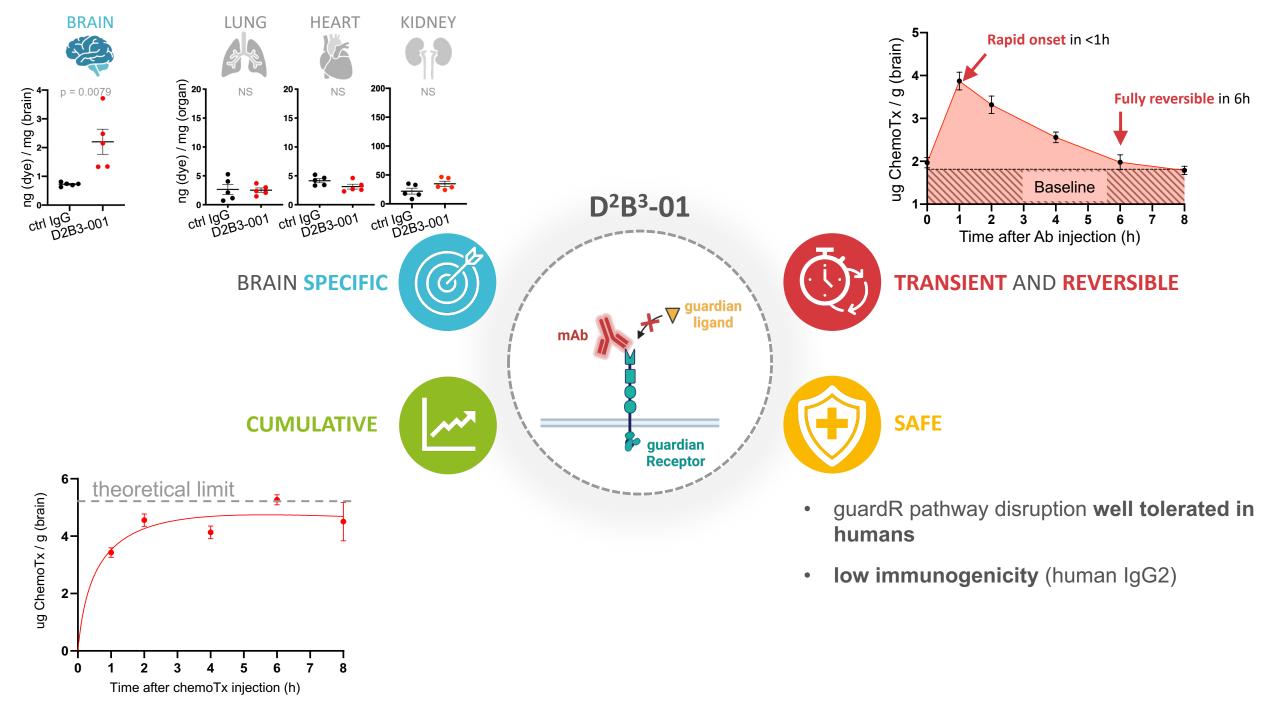
>98% OF DRUGS CANNOT CROSS THE BBB



OUR DRUG CONTROLS THE MASTER SWITCH FOR THE BBB

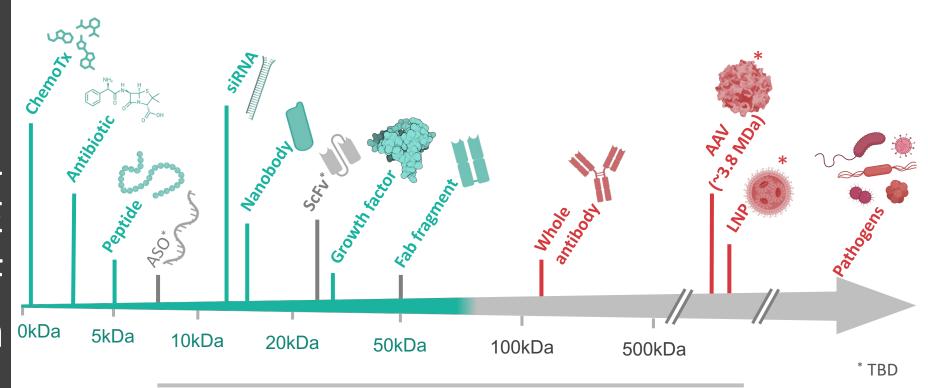


^{*} Multi-jurisdictional patent protection (composition of matter and methods)



D²B³ delivery size range: 0 - 70 kDa

D²B³-001
DELIVERS ACTIVE
MOLECULES OF
UP TO 70kDa





Brain Tumors (chemoTx)



Brain Infection

(antibiotics, antifungals, metronidazole)



Chronic pain (analgesics)

Neurodev. disorders

(ALS, Prader Willi, Alan Hernon Dudley Syndrome, Angelman, ...)



Neurodeg. disorders

(AD, Parkinsons, Huntingtons,...)

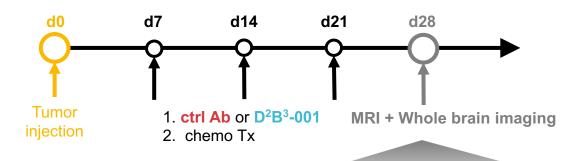


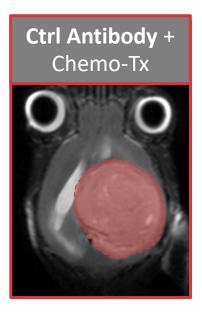
Brain Imaging

(i.e.amyloid, cancer)

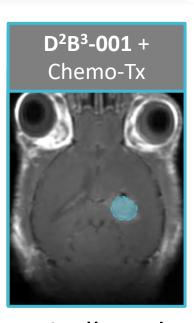


D²B³-001 ENABLES
CHEMO-TX
TREATMENT OF
GLIOBLASTOMA IN
MICE



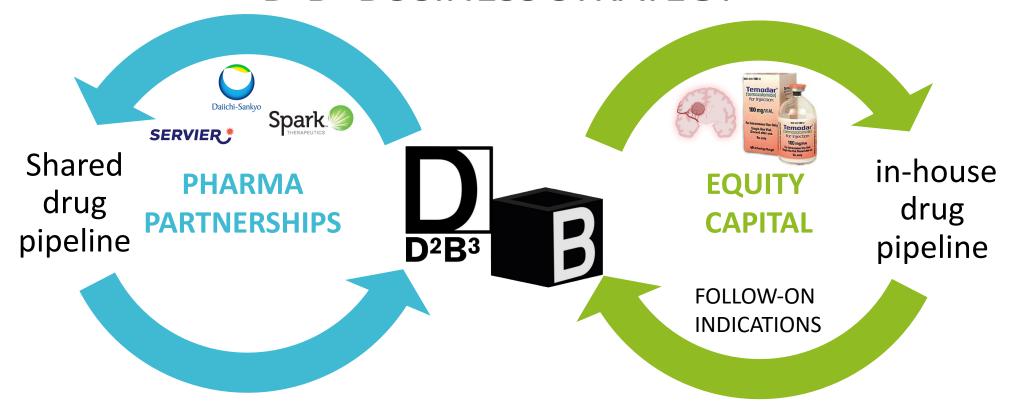


- Uncontrolled tumor growth
- High lethality



- Drastically reduced tumor growth
- Increased survival

D²B³ BUSINESS STRATEGY



Raising \$15M

- 24 months runway
- CMC
- IND in < 18months
- Initiate Ph1/2 clinical trial

D D²B³

Drug Delivery through the Blood Brain Barrier

WE ARE D²B³



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Prof. of Cardiology & Cell. and Mol.
Physiology, Yale



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Co-founder,
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Blood Brain Barrier expert



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