

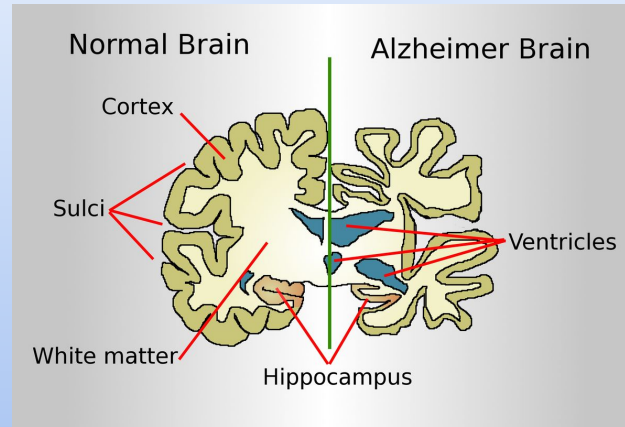
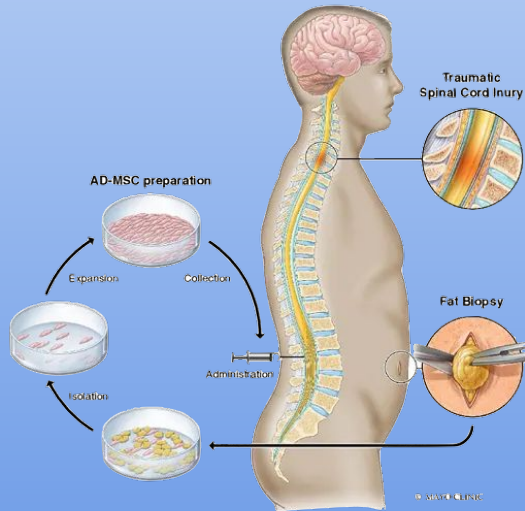
Hackathon 2024



Engineering for Humanity

Hackathon Themes

Spinal Cord Regeneration



Alzheimer's Disease

*Banana
& Biodiversity*



Logistics

- **3 teams: groups of four or five [randomly assigned]**
- **blinded judges for the final presentation + in-room advisors**
- Hackathon Intro: 2:00-2:20 p.m. BT
- Hack Away: 2:20 - 5:00 p.m. BT
- Presentations: 5-6 p.m. BT
- **challenge prompts + preliminary data are exemplars**
- **you'll want a project + team name**

</unsolicited advice>

What to Answer For:

- What is the Big Picture Significance?
- What is the Solution?
- What biology helps me understand my Solution?
- What data supports my Solution?
- Do I understand the data that supports my Solution?

Foundation

Variability

DNA

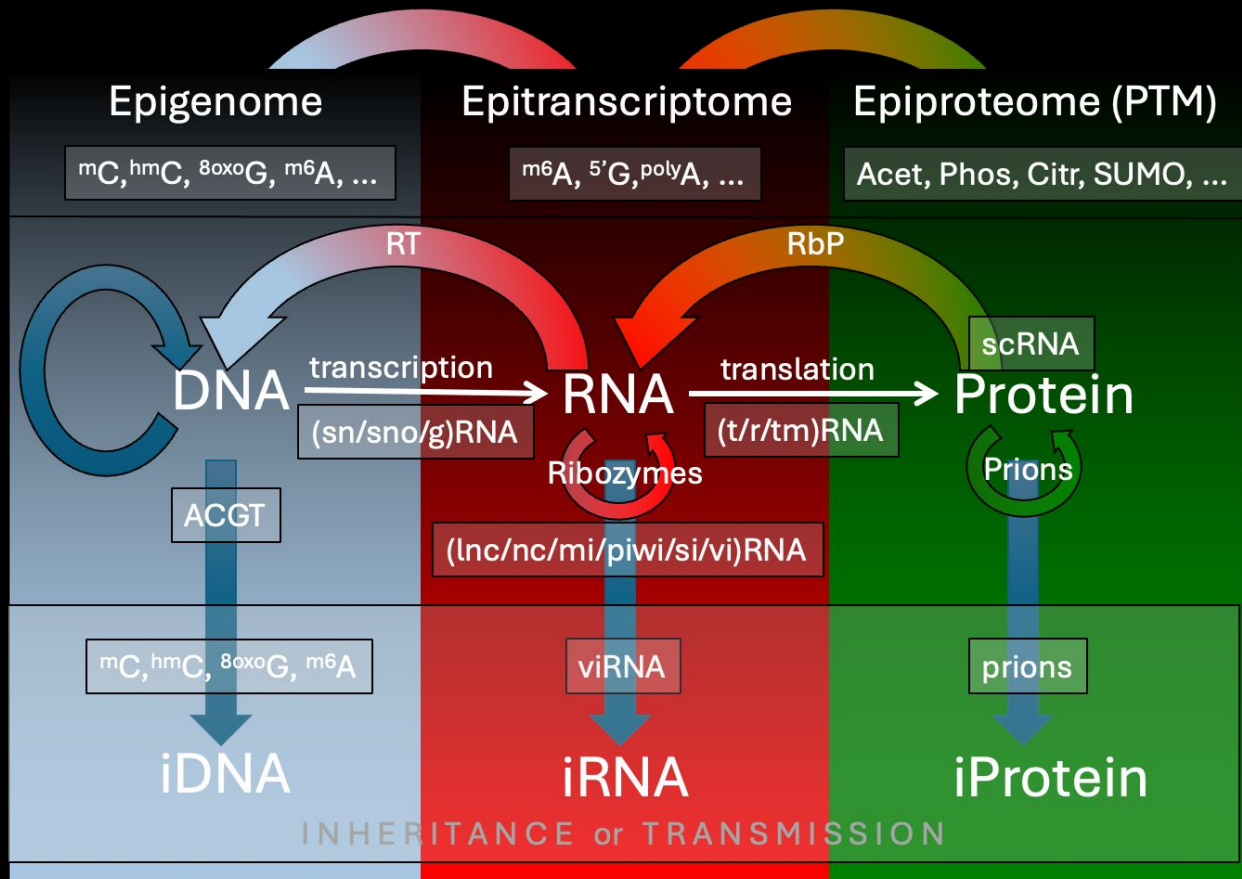


RNA

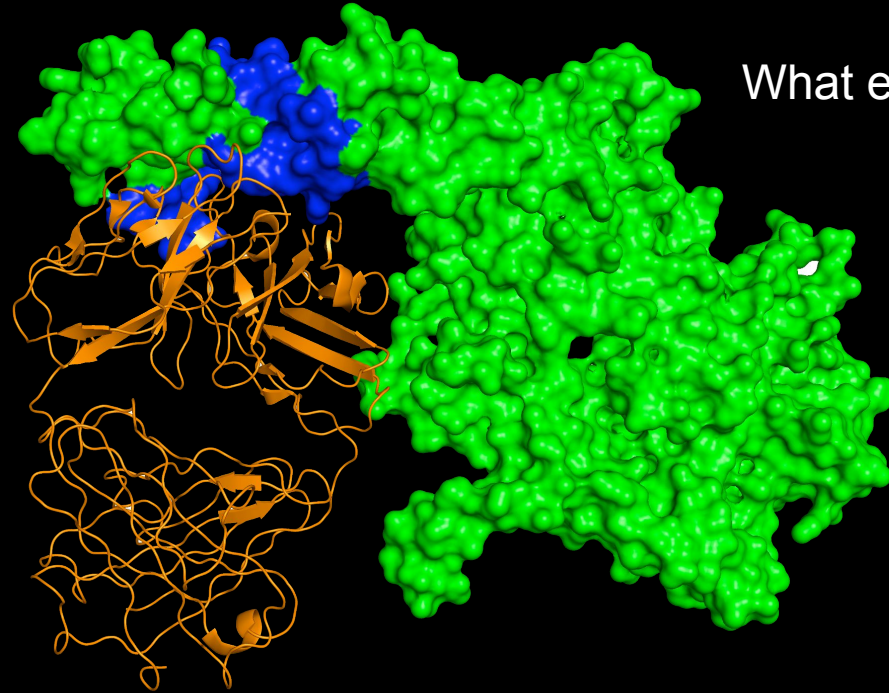


Protein





What does it interact with?




What evidence?

Why?



What is known?

What is unknown?

Guess the Great Unknown

NCBI  Gene Expression Omnibus

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Series GSE241950 [Query DataSets for GSE241950](#)



Status: Public on Jan 23, 2024

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Good Luck!

