## Timko-&LAB Development of BioElectric Scaffold for Hybrid Brain Tissue

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With Guidance From:

### The Brain is Like a Computer...



They run using electricity to save memories, monitor our surroundings, and they can even learn new things!

## ... They are both Complex

And Are Very Hard to Study



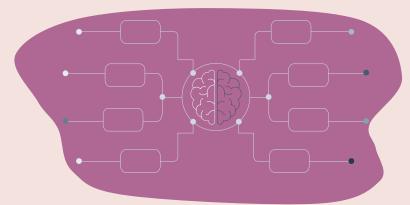
#### So, Scientist Make Models to Study Hard Organs





We fill these models with brain cells, so it acts like the real thing~

But sometimes it's hard to track how electricity in the brain changes ...



Especially when it is hurt/sick and this makes understanding the brain hard

# We want to make a tiny device that we combine with the brain model

