

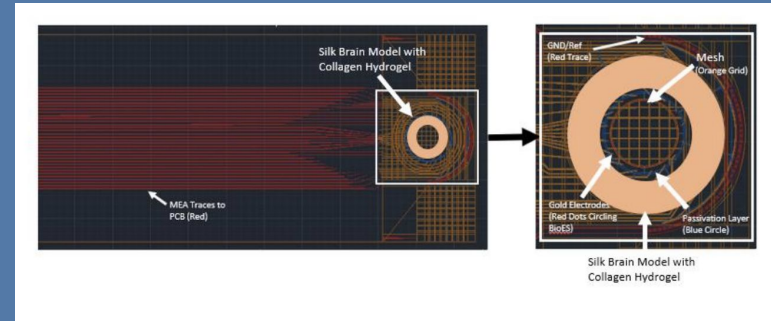
# Development of Bioelectronic Scaffolds for Hybrid Brain Tissue

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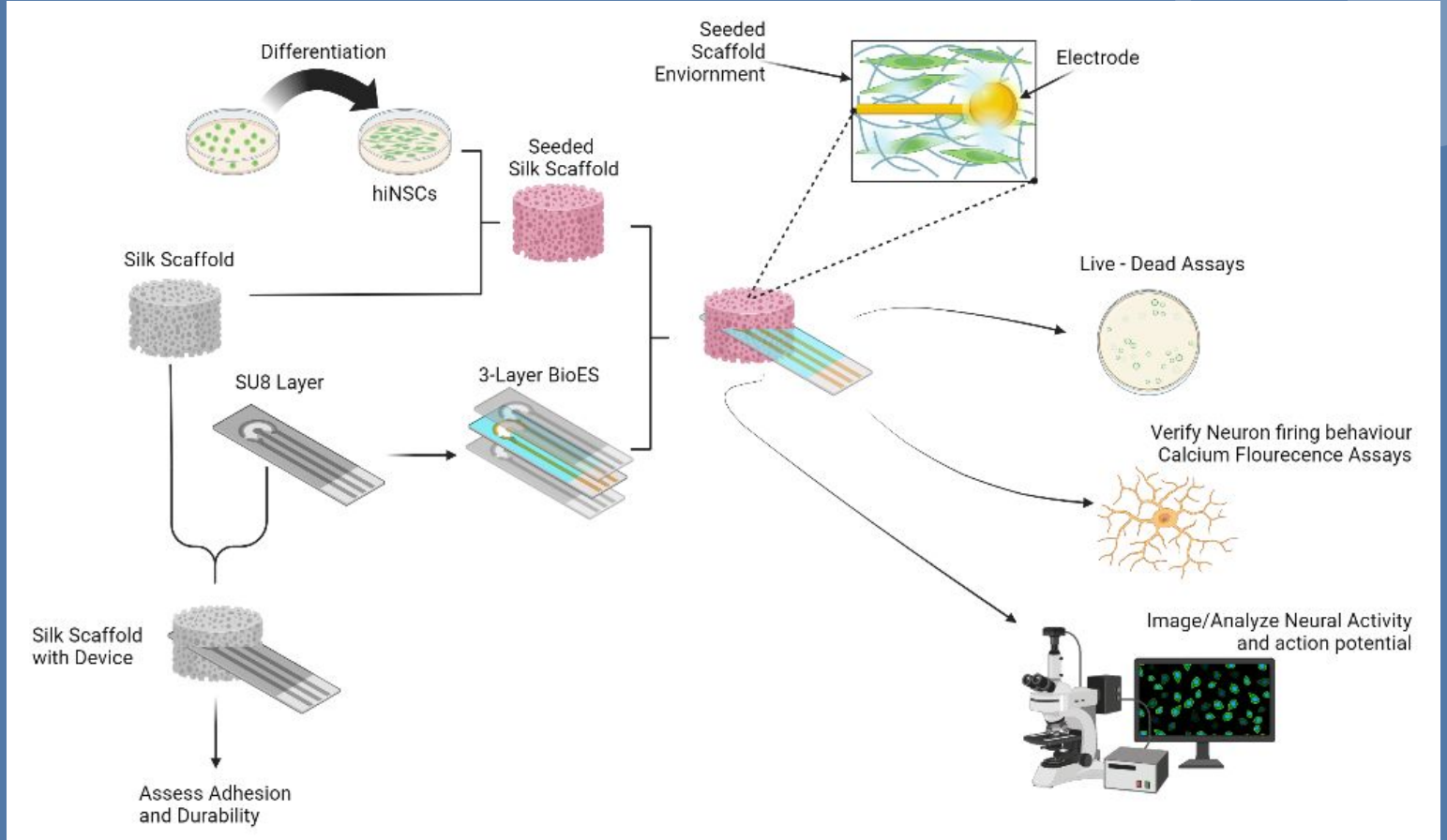
# Background

- Flexible Bioelectronics that have been shown to successfully measure electrophysiology of live tissues.
- 3D brain model using silk fibroin seeded with iNSCs, functional model of brain tissue.
- Combining these two, components into one results in novel hybrid brain tissues that are able to provide stable longterm readouts of neuronal/tissue function.

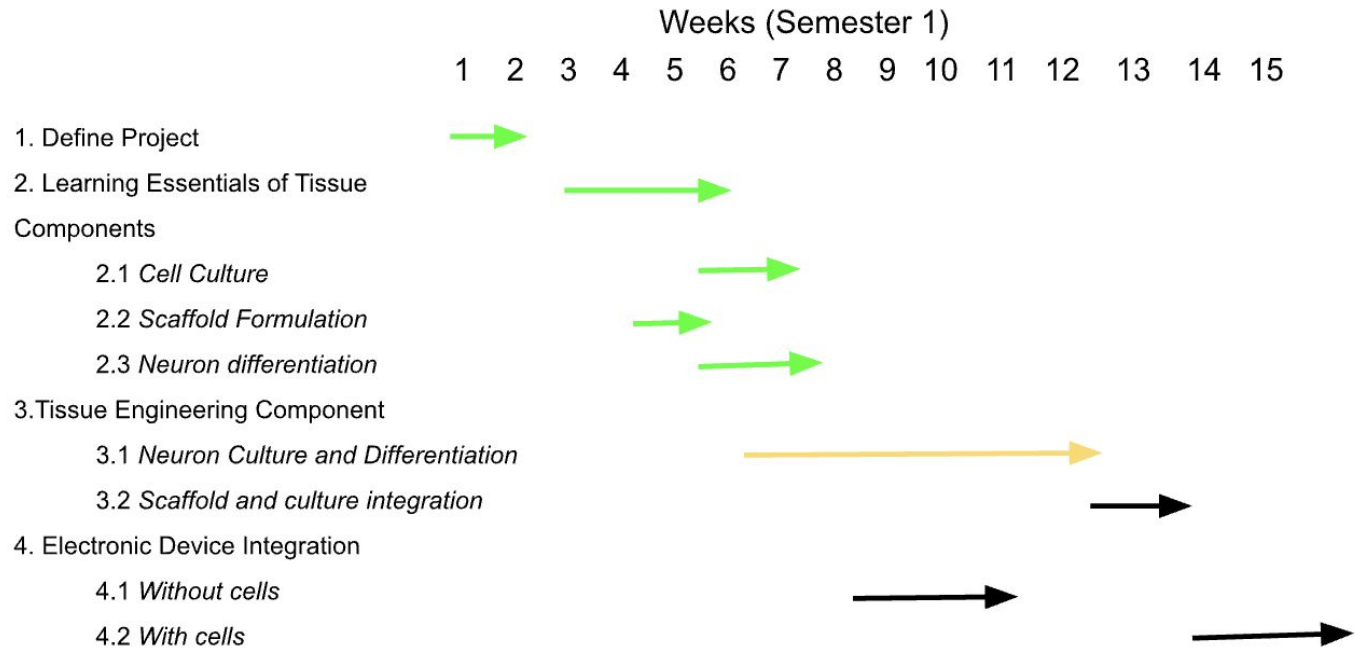


Schematic detailing Hybrid Tissue set up (Cote, 2022)

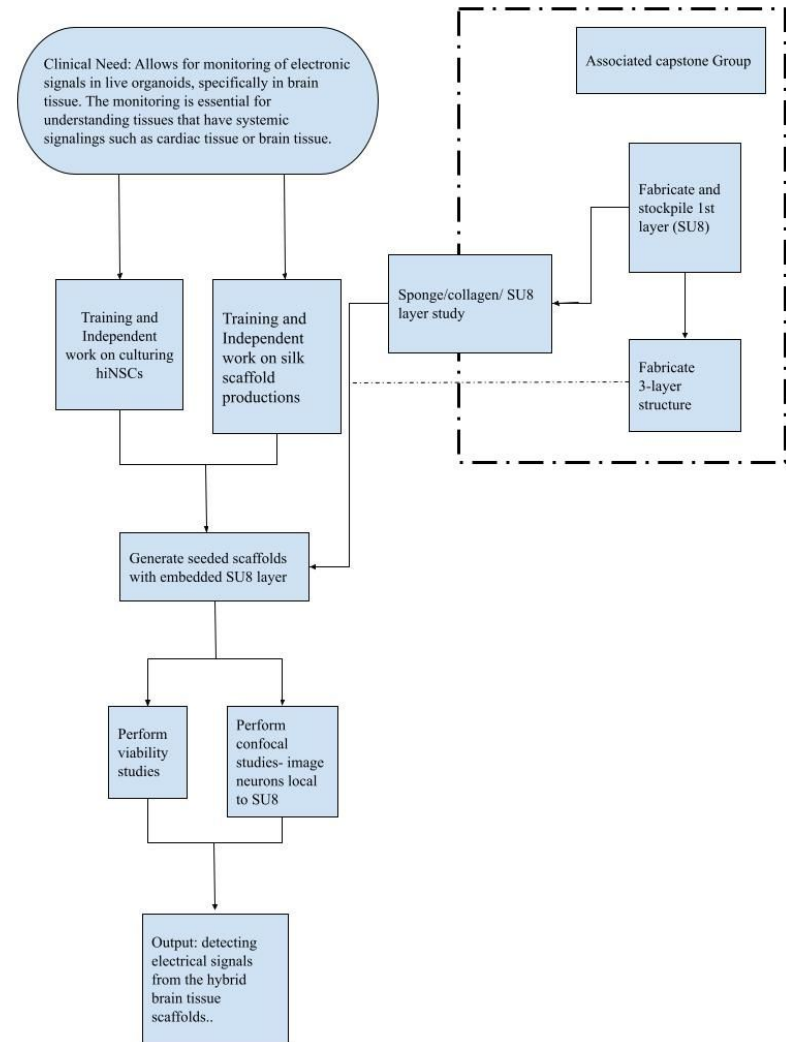
# Project Overview



# Timeline



# Flow Chart





# THANK YOU!

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