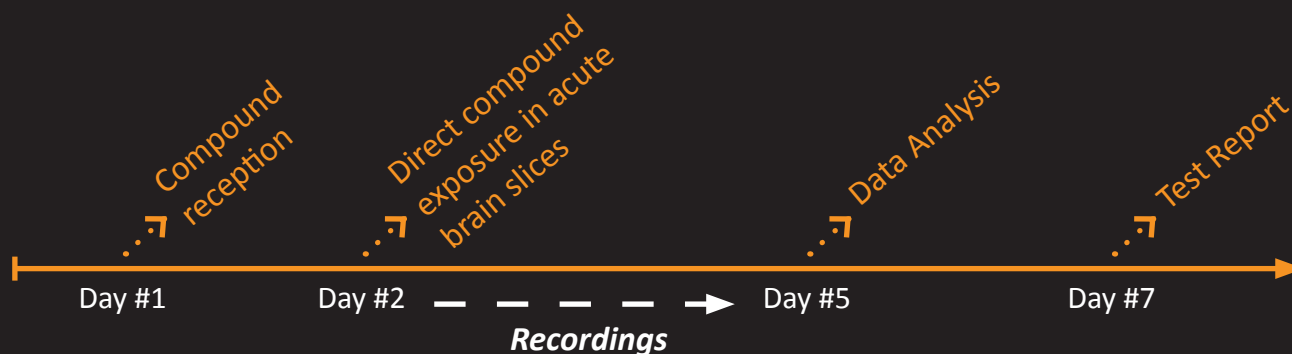


NEUROTOX PACKAGE

The right & the fast answer

A DIRECT COMPOUND EXPOSURE IN ACUTE BRAIN SLICES

Evaluation of the absence of effects of 1 compound (at 2 concentrations) on 5 main CNS functions:



| RECORDINGS | RESULTS: no effect |
|---|-----------------------|
| Spontaneous neuronal firing | ● |
| Basal synaptic transmission | ● |
| Short-Term synaptic plasticity (Paired-Pulse Facilitation) | ● |
| Potentialiation of Long-Term synaptic plasticity (Long-Term Potentiation) | ● |
| Inhibition of Long-Term synaptic plasticity (Long-Term Depression) | ● |
| CONCLUSION | GO |



WITH:

- Multi-Electrode Array recordings
- Mice or rats
- Acute Hippocampal slices
- 3 slices/concentration

DELAYS:

- 1 week to get the results : effect or no effect

●●● EXPERTISE

●●● MID-THROUGHPUT

●●● REPRODUCIBLE DATA

●●● TIME & COST SAVINGS

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