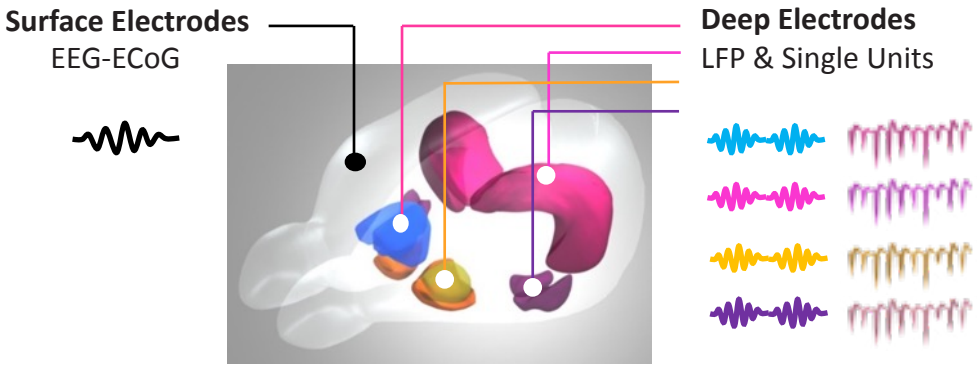
neuroservices ALLIANCE

in vivo electrophysiology

Measure any type of signal in any type of region of in vivo rodent brain

CUSTOM RECORDING & ANALYSIS OF NEURONAL SIGNALS



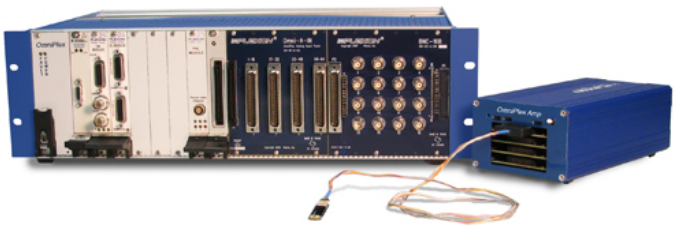
TYPE OF ELECTRODES AND RECORDINGS

- Single tungstene electrodes (EcoG-EEG)
- Custom made electrodes NiChrome bundles (LFP, Units)
- Stereotrodes- tetrodes – silicones probes (LFP, Units)
- Multisite recordings
- EMG recordings
- During behavior or using head-fixed preparations

OptoPath™

TOP-NOTCH FACILITIES AND EQUIPMENT

6 PLEXON RECORDINGS SYSTEMS

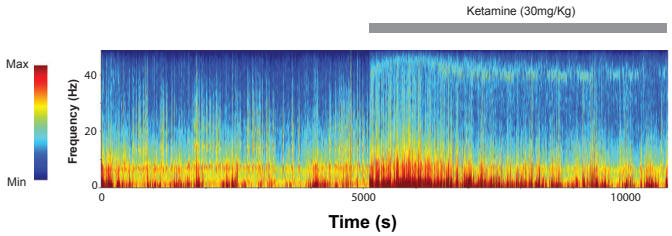


400 SQ METERS OF DEDICATED SPACE

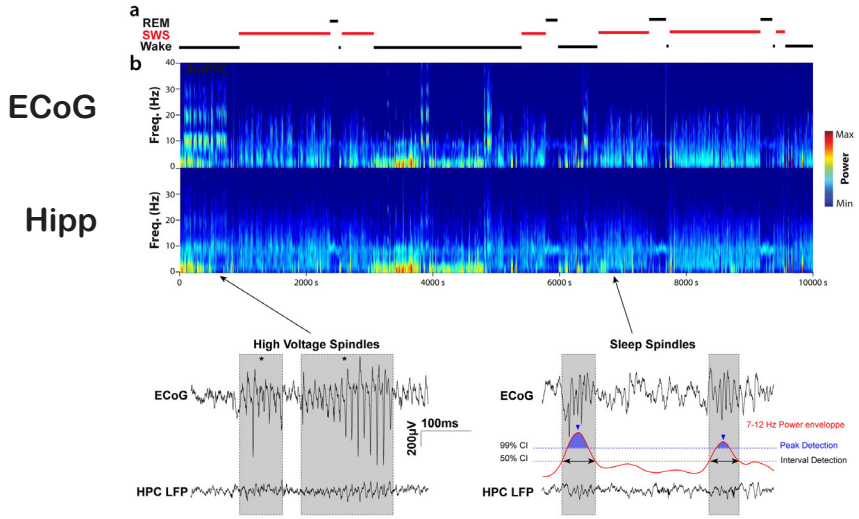
- **Mice and rats (male and female) animal facilities**
- **Experimental space**
- **Dedicated team of technicians and researchers**

NEURONAL SIGNALS ANALYSIS

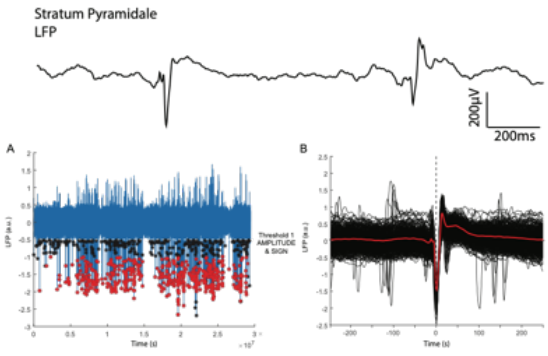
EFFECT OF KETAMINE ON PREFRONTAL NEURONAL OSCILLATIONS

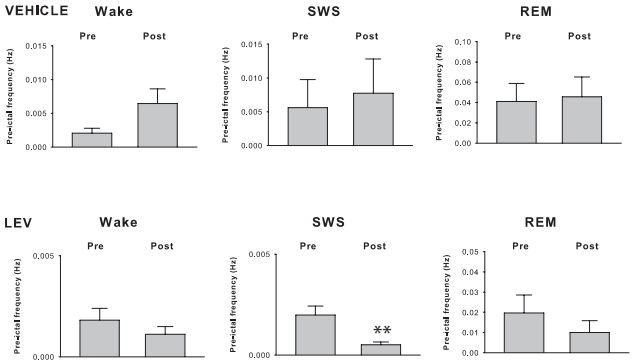


ABSENT SEIZURES AND SLEEP SPINDLE ISOLATION



PRE-ICTAL SPIKES ANALYSIS DURING SLOW WAVE SLEEP





WORLD-RENOWNED RESEARCHER EXPERTISE



CYRIL HERRY, PhD
Research Director & co-coordinator of OptoPath™

- 20 years of expertise
- Among the top 1% most influent researchers in the world (Clarivate Analytics, 2019)

STATE-OF-THE-ART CRO QUALITY SERVICE

FULLY CUSTOMIZED ASSAYS
We customize our assays based on your research needs

FAST TURNAROUND
Our deep knowledge allows us to quickly execute protocols

We combine world-renowned research experience with high quality CRO service model, to deliver best-in class preclinical in vivo electrophysiology solutions.