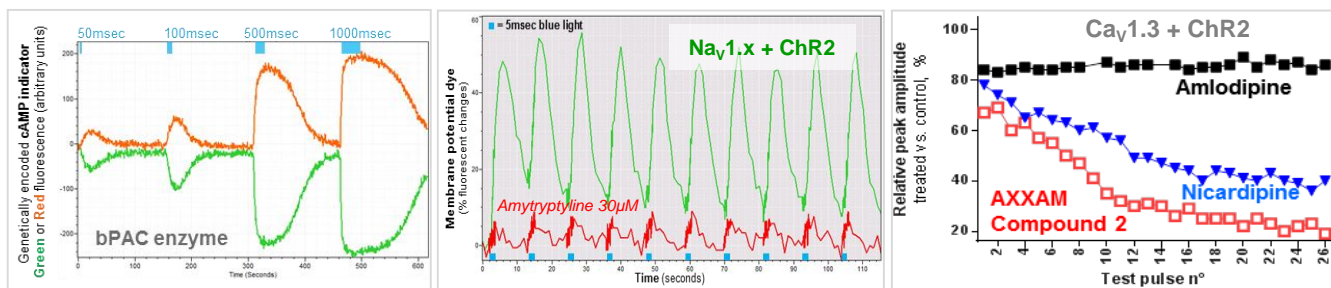


Light will guide you home

Pace your assay at the rhythm of light

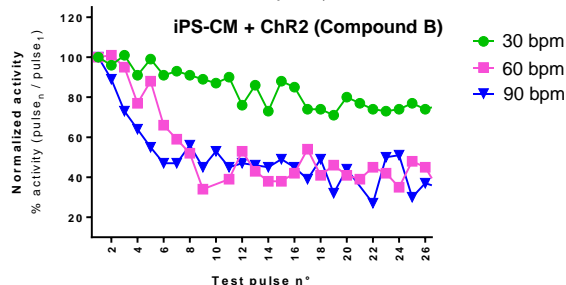
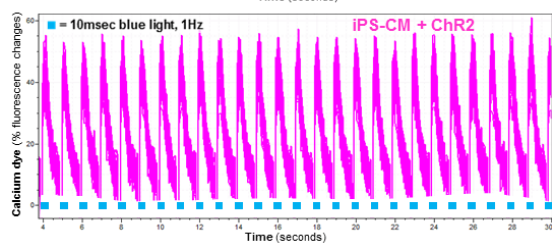
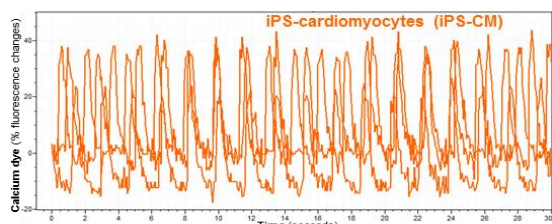
For the first time optical pacing, fluorescence imaging and liquid injection can be done simultaneously in a 384 well-plate format

FLIOP, a novel system for **F**luorescence **I**maging and **O**ptical **P**acing, unlocks the temporal constraints of plate imagers and enables the pacing of enzymes, voltage gated ion channels and cardiac cells beating, in an all-optical and high throughput fashion.



Don't miss a beat: opto-cardioTox at FLIOP

All the wells beat at the same time with highly reproducible and spontaneous-like calcium waves



Use-dependency goes high throughput filling the gap between electrophysiology and HTS

Bioelectricity, usually investigated by invasive low throughput ephys, is addressed by contactless robust optical assays, enabling the study of compound behavior at different frequencies and modalities of stimulation in a fully HTS-compatible fashion.

Why FLIOP?

- ✓ Fast, reversible, not invasive
- ✓ Low cost, multiplexable, robust
- ✓ Imaging of 384 wells simultaneously
- ✓ Online drug addition
- ✓ Physiological ephys-like protocols

FLIOP system is patent pending by AXXAM

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