



PhysioStim's letter

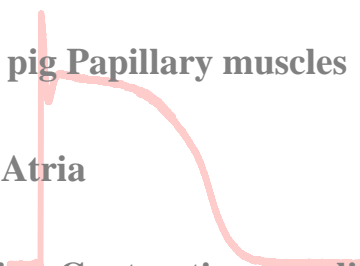
In house

Patch-clamp in HEK cells

- hNa_v1.5 channel: I_{Na}**
Mutation LQT₃: LONG QT
- hERG channel: I_{Kr}**
Mutation LQT₂: LONG QT
- hK_vLQT₁/MinK channel: I_{Ks}**
Mutation LQT₁: LONG QT

Action potentials

- Rabbit and dog Purkinje fibres
- Guinea pig Papillary muscles
- Rabbit Atria
- Excitation-Contraction coupling



And now...

- Guinea-pig isolated cardiomyocytes**: ionic currents and action potentials recordings
- Isolated Langendorff Heart**: action potential, APD₉₀, ECG, contractility, coronary flow, ...

Partnership

WE DEAL WITH YOUR WHOLE SAFETY PROJECT

- Calcium transient fluxes**
- Formulation analysis**
- Safety and General Pharmacology:**
 - o ICHS7A: Core Battery CNS (Irwin test...), CV (Telemetry...), Respiratory system (plethysmography...), additional studies
 - o ICHS7B: Telemetry (QT prolongation), combined ECG...