iPSC Platform

The development of high-quality cell models derived from human induced pluripotent stem cells (iPSCs), offers many advantages over recombinant cell lines, avoiding issues related to non-physiological overexpression of the target and allowing the use of relevant cellular disease models.

Axxam's iPSC Unit has a vast experience in the manipulation of these delicate cells and through collaborations with established partners, we can support you in the development of robust and pathophysiologically relevant assays.

iPSC-Derived Cellular Models

Neurons (Gluta; DOPA; Motor, Sensory)

Cardiomyocytes

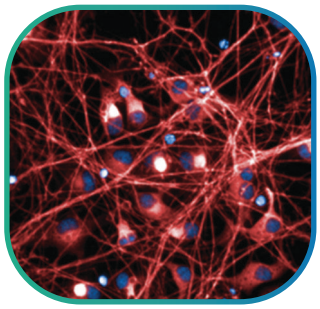
Myotubes

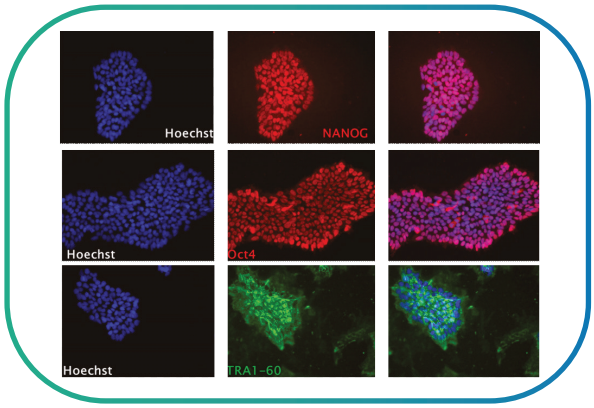
Hepatocytes

Macrophages

Microglia

Partnership with FUJIFILM Cellular Dynamics

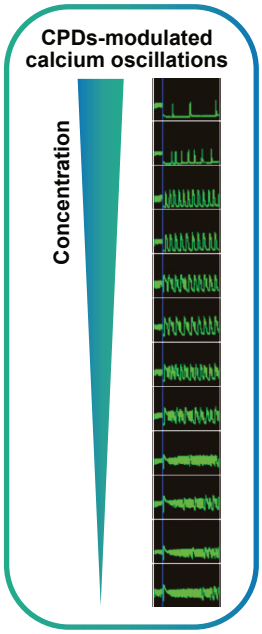




Innovative Tools

Genome editing with CRISPR/Cas9

Optogenetics



Applicability

Screening campaign

Compound profiling and hit-to-lead

Target identification / validation

Assay Development

Aggregation assays

Calcium oscillation

Gene expression analysis

Cytokine release

Cytotoxicity

Neurite outgrowth

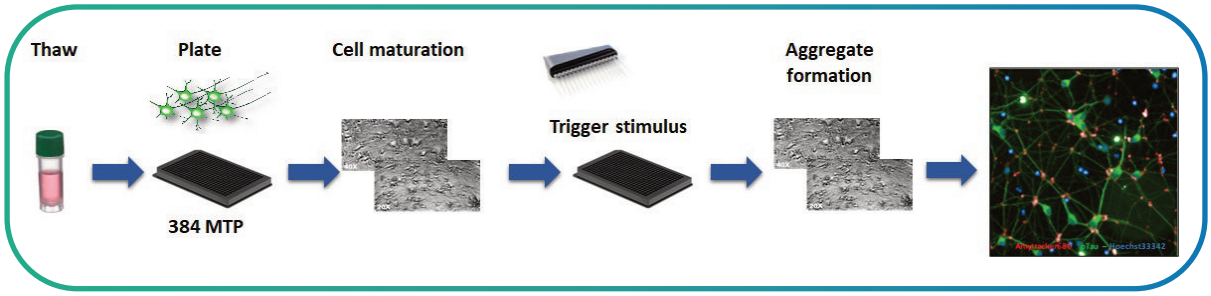
Readouts

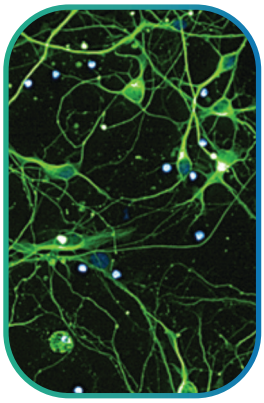
Optical detection

Electrophysiology

Gene expression

Phenotypic - High content analyses





Axxam S.p.A.
Corporate Offices & Laboratories
OpenZone - Via Meucci 3,
20091 Bresso (Milan), Italy

info@axxam.com

www.axxam.com