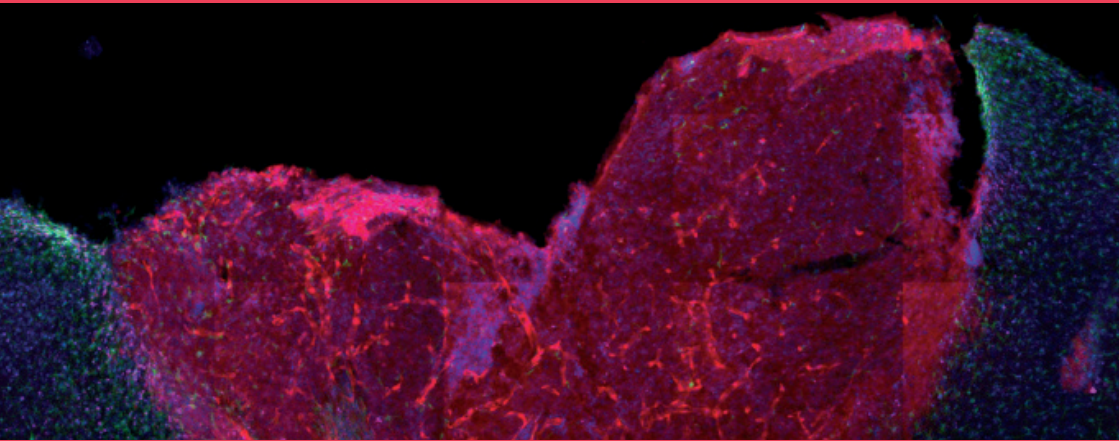




MaSC

Marseille Stem Cell Platform

Cell reprogramming and differentiation Facility
certified by Aix-Marseille University



MaSC
Marseille Stem Cell

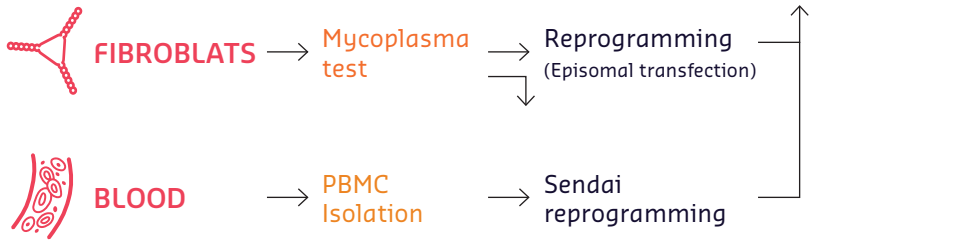
With the support of:



MaSC

MARSEILLE
STEM CELL
PLATFORM

CELL REPROGRAMMING



hiPSCs

DIFFERENTIATION



ECTODERM

Neuronal progenitors

Neuronal crest stem cells



MESODERM

Mesenchymal stem cells

Vascular smooth muscle cells



ENDODERM

Supply of:

- 2 characterized clones
- 7 to 10 additional clones
- long-term storage options

1-2 months

Clones emergence



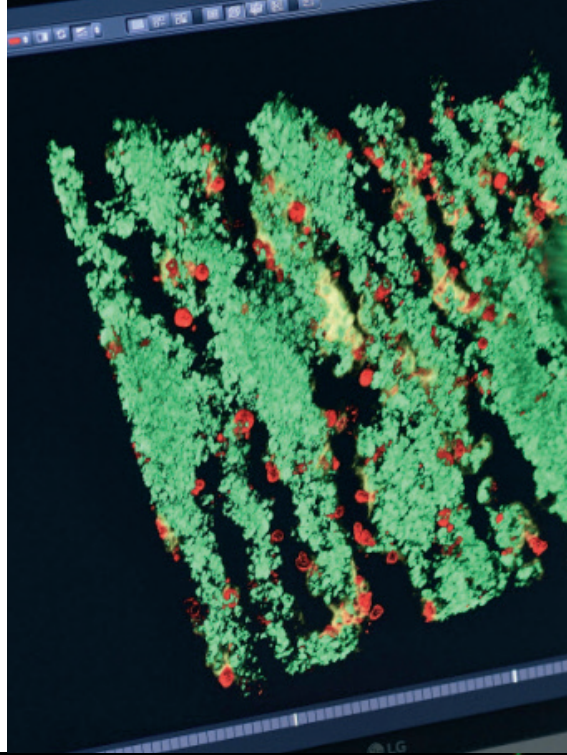
Colonies picking and expanding



CHARACTERIZATION

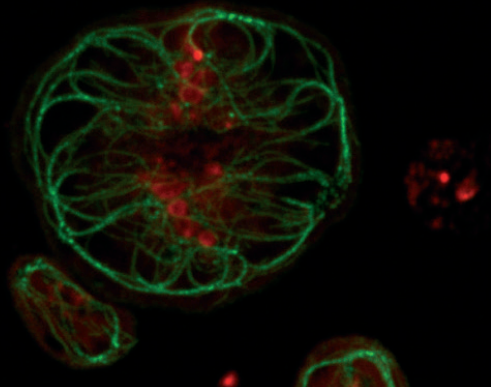
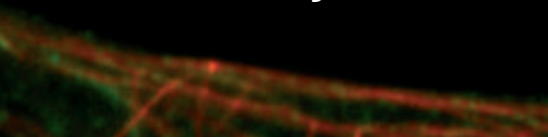
- Karyotyping
- 3 germ layers differentiation
- Loss of reprogramming factors
- Pluripotency markers expression
- Phosphatase alkaline expression

1 month



Supply of:

- a turnkey project
- analysis and commented results
- control cells for all projects
- cells for training



Sensory neurons

Cortical neurons

Motor neurons

Keratinocytes

Cardiomyocytes

Myotubes

Chondrocytes

Osteoblasts

Myoblasts

Adipocytes

Endothelial cells

Fibroblasts



Platform hosted by « Marseille Medical Genetics » Research Center



Marseille
Medical
Genetics

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