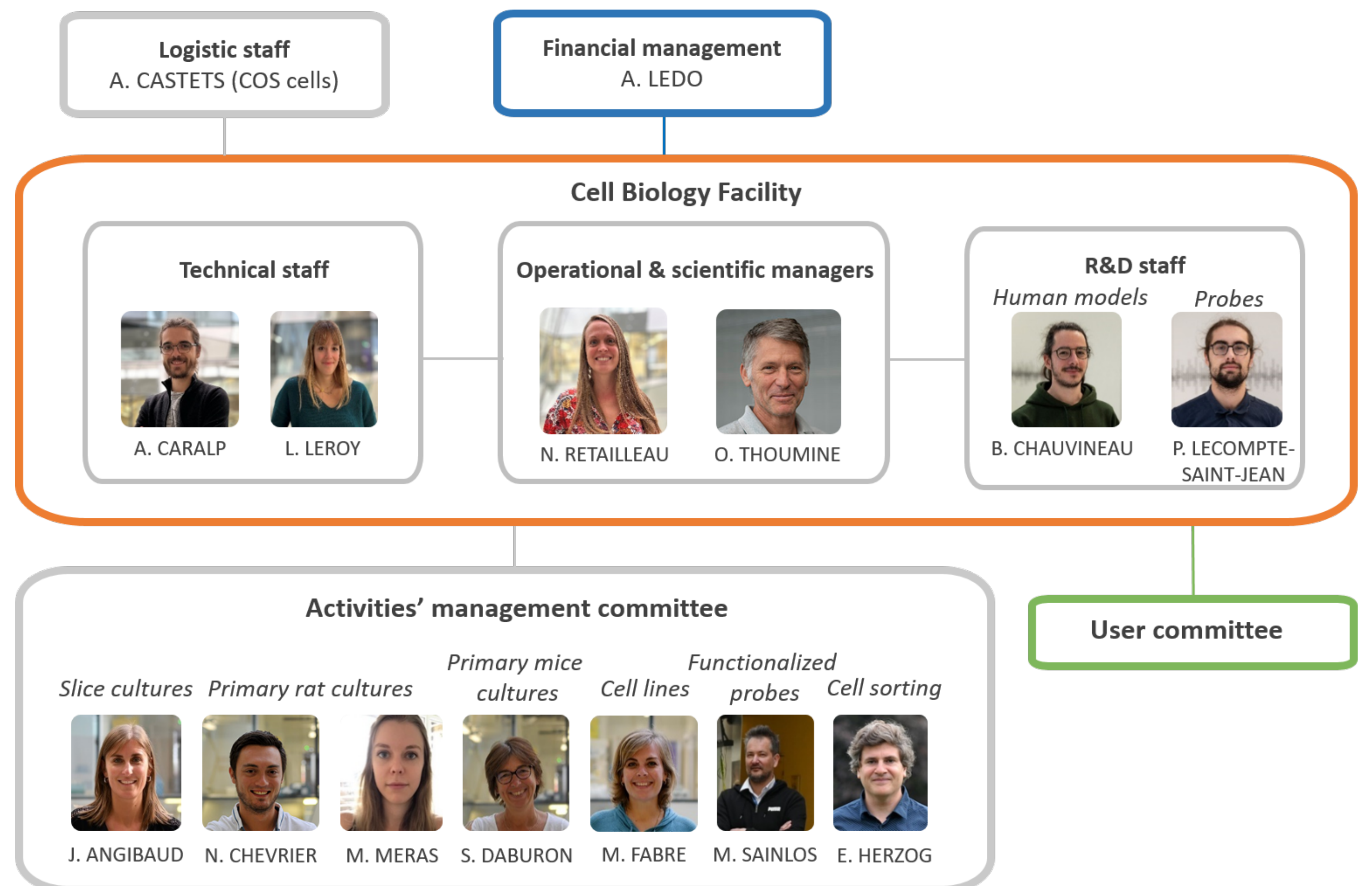


PRESENTATION

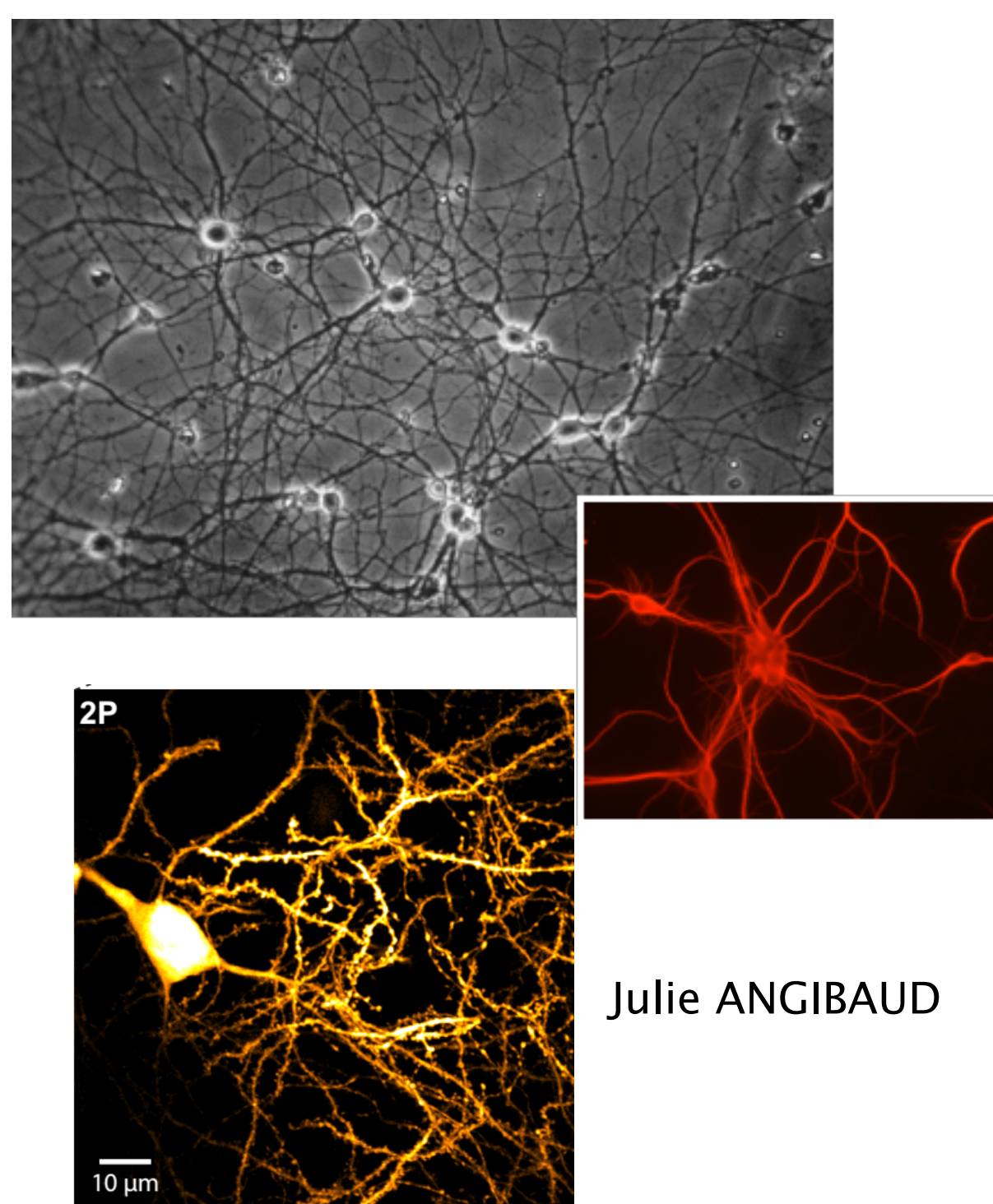
- Created in 2010
 - Objective : Mutualization of expertise and human resources in cell biology
- Since then:
 - Development of cellular models & fields of expertise
 - Opening to other academic and private laboratories
 - Purchase of new pieces of equipment
- Recognition of the University of Bordeaux in 2021
 - Label « Fédération des plateformes de recherche »

ACTIVITIES



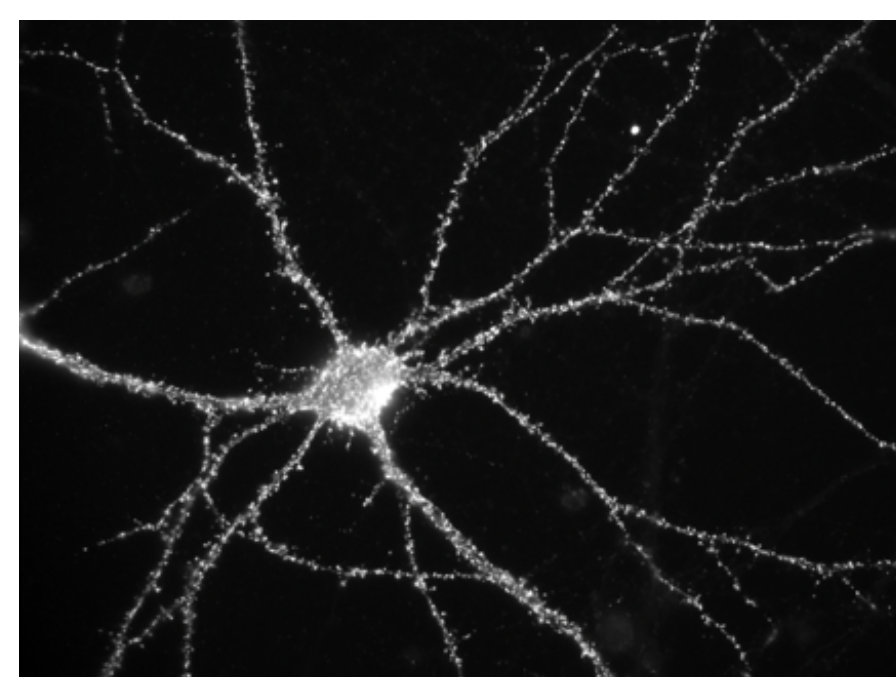
Cellular models

Primary neurons from embryonic rat hippocampus or cortex



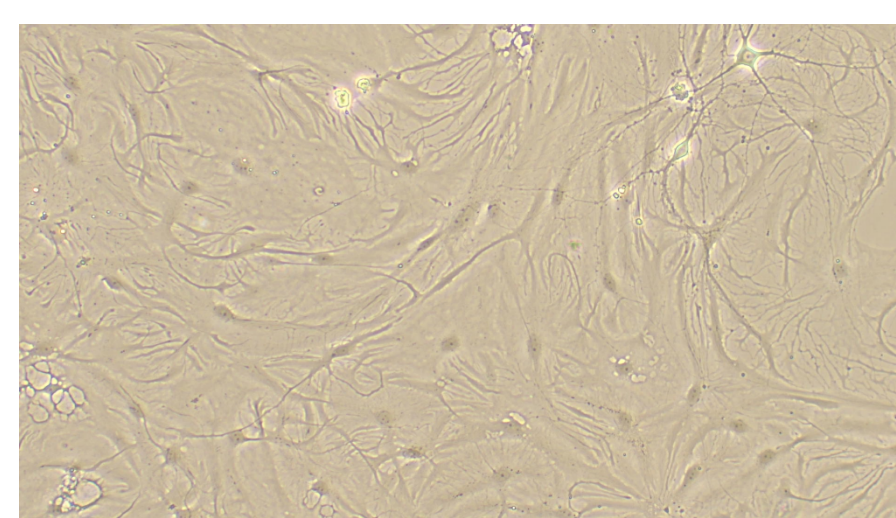
Julie ANGIBAUD

Primary neurons from wild type or transgenic mouse pups



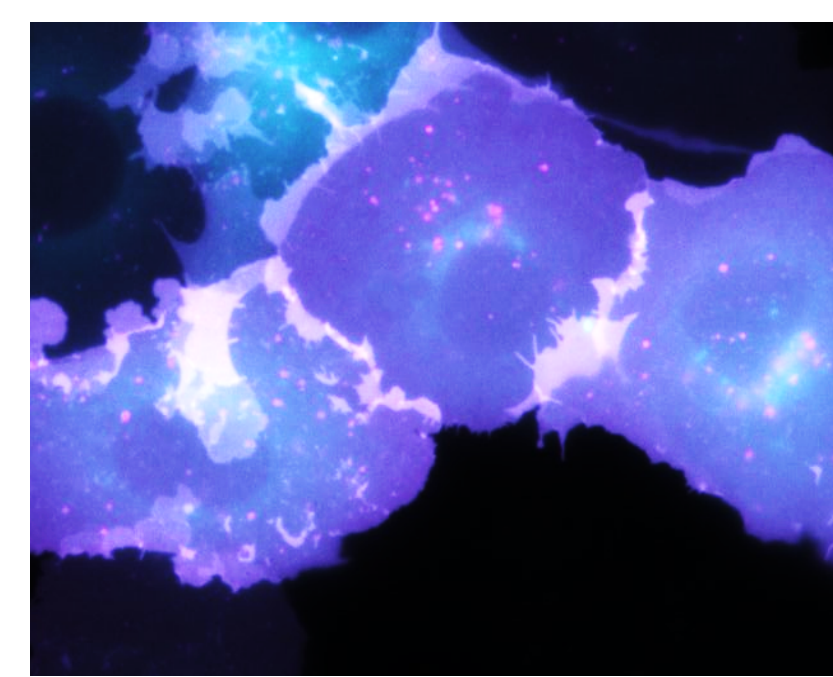
Sophie DABURON

Glial cell cultures from rodents



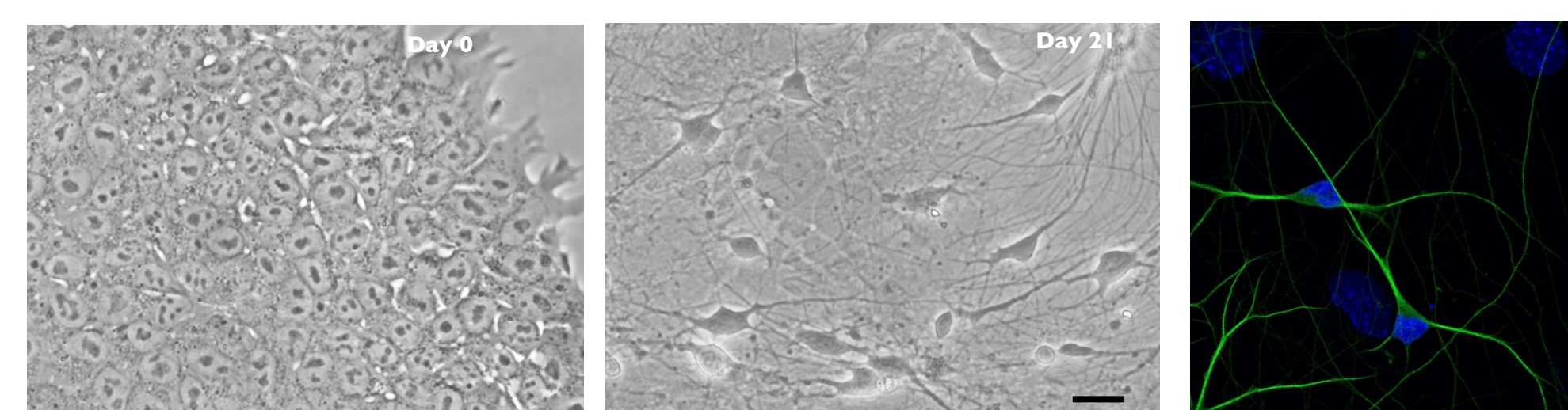
Léo LEROY

Heterologous cell lines COS / HEK / MEF / HeLa



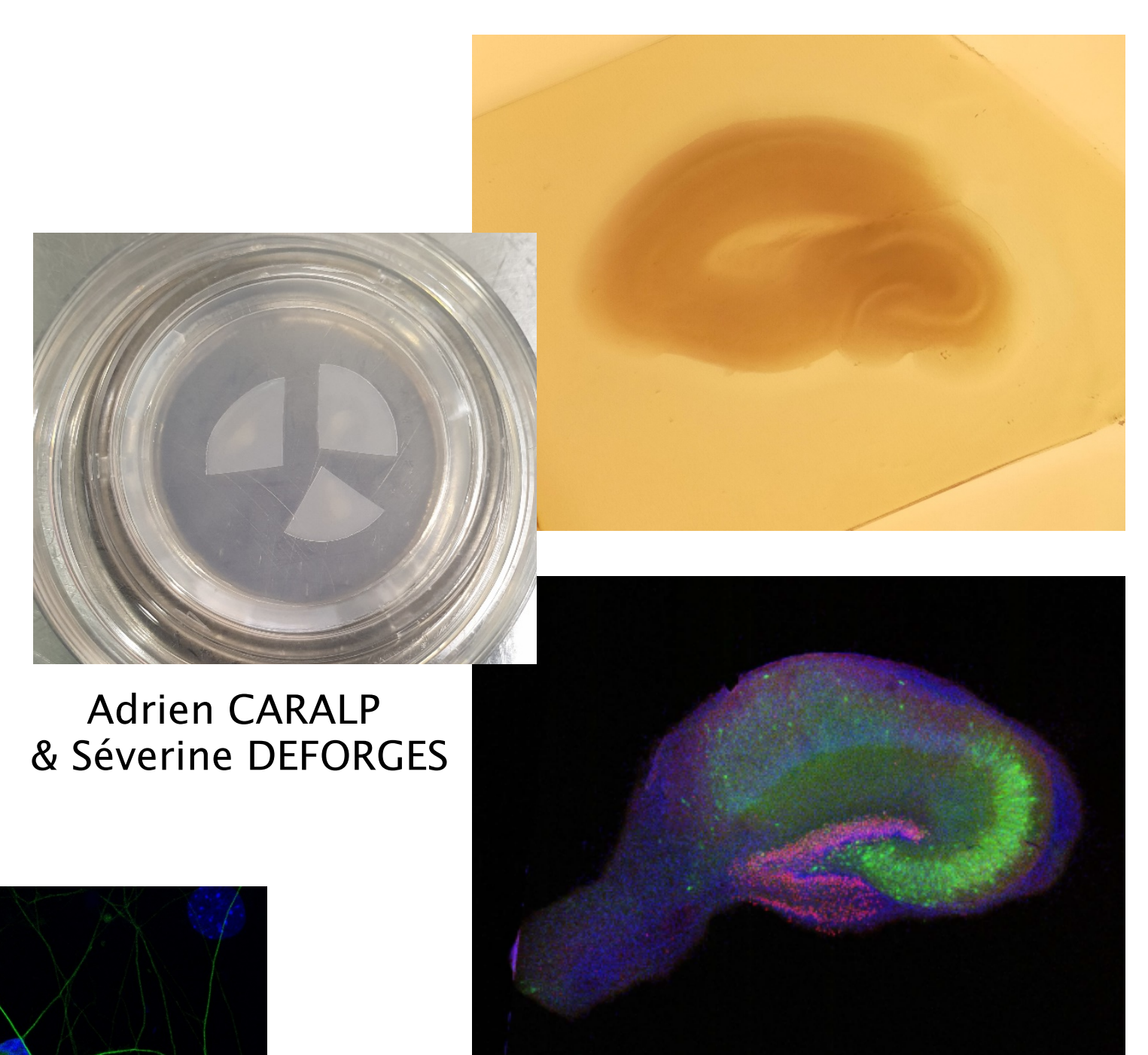
Charles DUCROT

Human pluripotent stem cells



Benjamin CHAUVINEAU

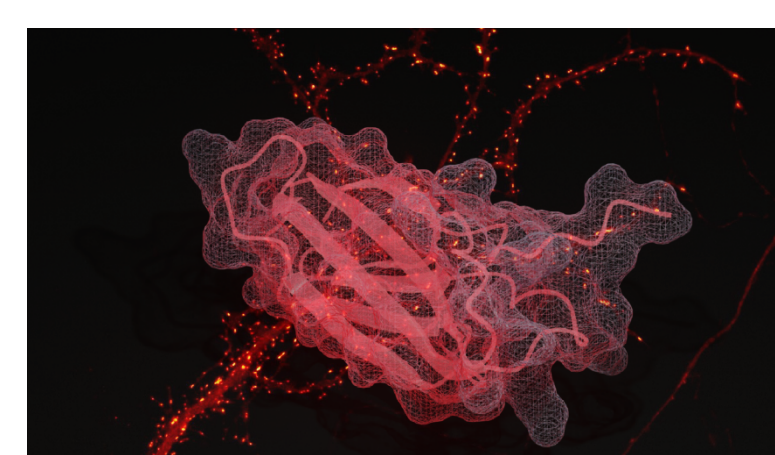
Organotypic slice cultures from rodent cortex or hippocampus



Adrien CARALP & Séverine DEFORGES

Molecular tools

- Imaging probes development and production
 - Catalogue of ready-to-use fluorescent probes for imaging applications
 - On-demand probe production
- Access to a protein analysis system: **Octet®R8** Bio-Layer Interferometry Label-Free Technology (Sartorius)

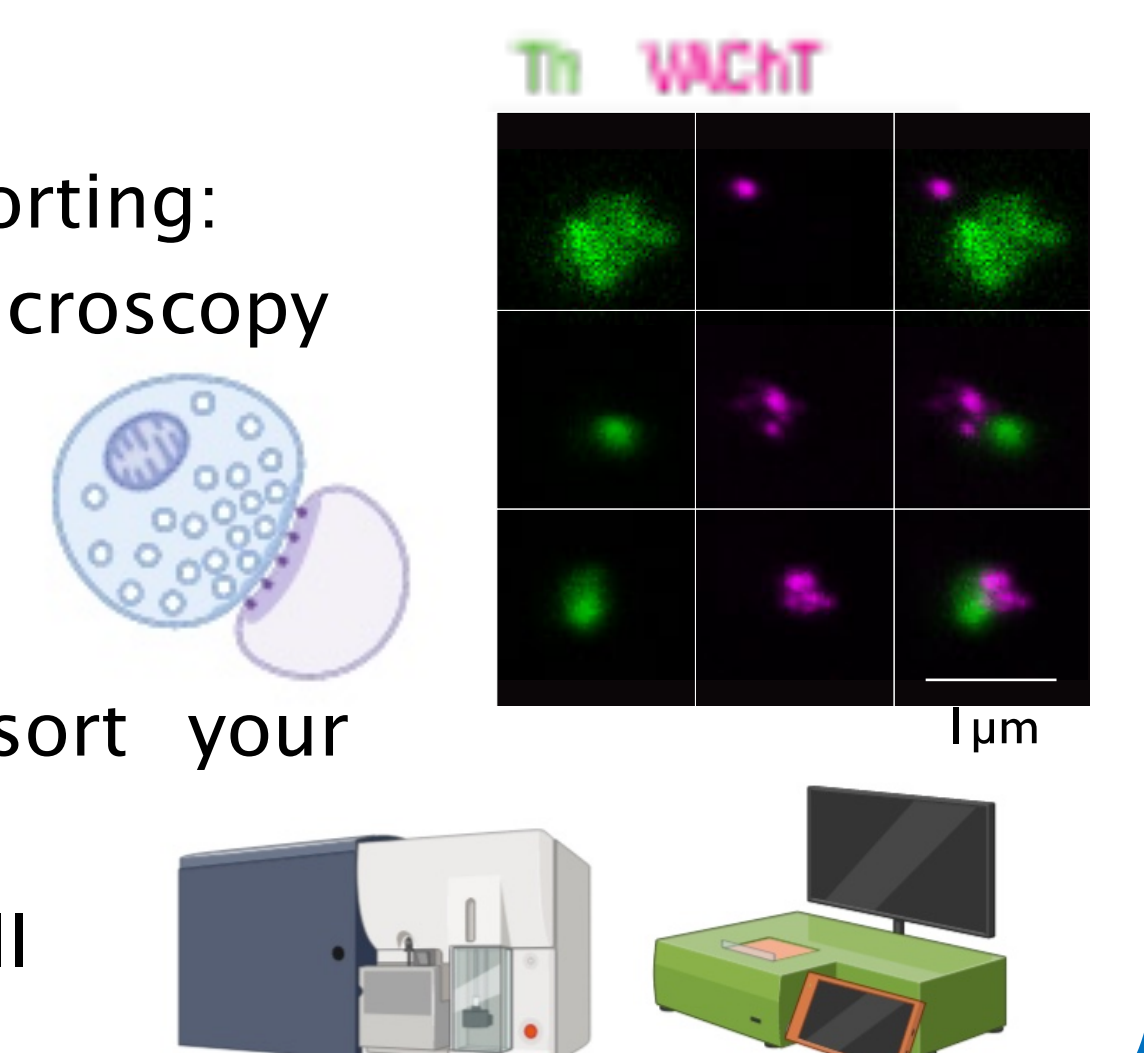


Matthieu SAINLOS



Fluorescence Activated Microparticles Sorting FAMS

- FASS – Synaptosomes preparation and sorting:
 - For immunostaining and electron microscopy
 - For immunoblots and proteomics
- Develop a new FAMS strategy and sort your favorite microparticles:
 - Sorting on BD bioscience FACS Aria II
 - Sorting on Miltenyi MACSQuant Tyto



Consulting / Trainings

- Training for producing cellular tools
- Consulting for cell culture rooms creation and management
- Consulting on setting up a new cell culture system and in vitro gene transfer
- Centralization on hiPSC expertise through a collaboration with Neurotools GPR BRAIN_2030 project

Service accessibility

- Our services are accessible to everybody (academic or private laboratories) on a contract basis
- Prices on demand



Arnaud RODRIGUEZ