

Cellular Dynamic Lab - activities

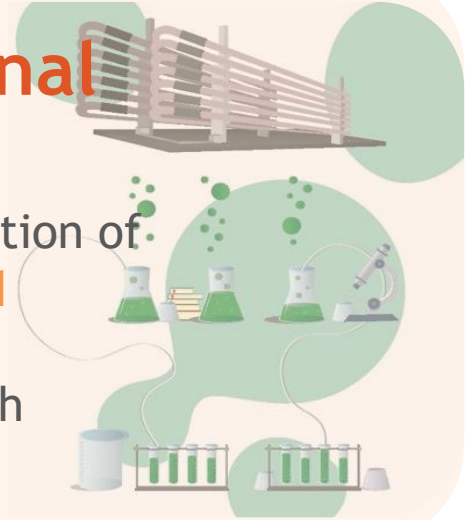
Fundamental science

membrane and cytoskeleton remodeling

- **PTMs** (ubiquitination & palmitoylation)
- Cell signaling (including **Extracellular Vesicles**) in cancer cells, fibrosis, dystrophic muscles, maternal-fetal communication

Translational research

role and application of **mammalian and microalgal EVs** for human health



Project and Quality management

IRIB

PALERMO

Cellular Dynamic Lab - Pros & Cons

Pros

- ✓ **interdisciplinarity and fundings** (H2020-FET projects; CNR EVHub)
- ✓ **EV networks** (EVIta and ISEV societies, European EVcluster)
- ✓ **publications** (2019 and 2020 $IF_{(AVG)}=7.7, 8.2$)
- ✓ **patent 2019** (PCT in progress)
- ✓ **spin-off development**

Cons

- technical staff
- lab space
- large equipment
- clinical studies