

There are currently no cure for neuro-degenerative diseases due to lack of reliable models for drug screening. We developed a standardized, ethic, fully-automated and easy-to-use solution enabling high predictive value for in-vitro drug screening.

**“A 3D brain-on-a chip for curing neuro-degenerative diseases”**

### Team members

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## 1 Who are your clients?

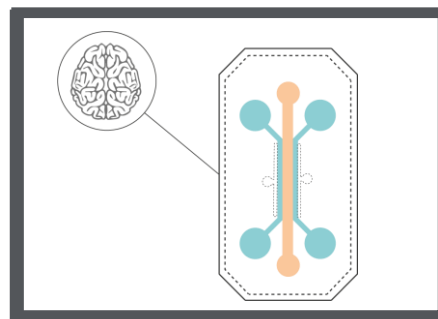
Big pharma companies developing drugs for neuro-degenerative diseases (Roche, Novartis)

## 2 How do you make money?

- Microfluidic chip sales (consumable) → 1 chip = 1 test
- Hardware fluidic and optic system sales

## 3 What gives you credibility?

- Strong interest of pharma companies for higher predictive models
- Strong technological knowledge in neuro-degenerative disease modelling, 3D cell culture and microtechnology



## Next steps

1. Plan for the next 6 months:
  - File patent on stem cell differentiation protocol
  - Apply for further grant and incubators
  - Establish R&D collaboration with microfluidic and optics partners
2. Necessary HR:
  - Hands on bio-engineer and microtechnology engineer for further prototype development
3. Necessary support to look for:
  - Pre-Seed (Grants) funding (250K-500K) for salaries and undertake the development and validation phase



1



2



3



4

