

Why us ?



CUSTOMIZED

physiological models
from IPSC
(human, rat, ...)



REDUCTION

of animal experiments



TIME SAVING
(18 months)



VALIDATION

targets & activity



EFFICACY

of your compound
in disease context
and comparison
to reference drugs



FLEXIBILITY

of our models
to fit your requirements

They are trusting us



They support us

ACADEMIC PARTNERS



INSTITUTIONAL PARTNERS



synaxys

NEURO-ENGINEERING SYSTEMS

Accelerate your drug discovery
for neurological diseases

For more info, contact us



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Unlock new dimensions in your preclinical research & drug discovery

Benefits of 5D-Brain

- Fast implementation
- Robust & reproducible
- Benchmark performance of compounds
- Predict human neurotoxicity
- Derisk decision to start clinical studies

Our offers

MODEL

- Healthy
- Epilepsy
- Custom

READOUT

- Electrophysiology
- Imaging
- Omics
- Big Data Analysis



Autism

Epilepsy

Multiple Sclerosis

Parkinson

Alzheimer

5D-Brain

1ST RELIABLE HUMAN IN VITRO MODEL OF THE NERVOUS SYSTEM



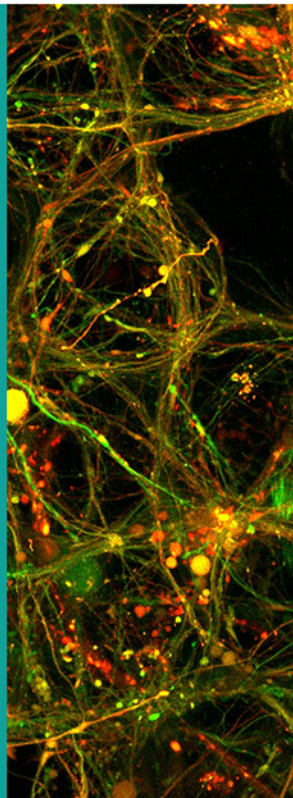
Tridimensional culture



Continuous physiological recording



Disease model



Services tailored to accelerate your drug discovery

CONFIDENTIAL DISCLOSURE AGREEMENT

TELL US YOUR GOAL

STUDY PLAN PROPOSAL

REALIZATION AFTER YOUR VALIDATION

INTERMEDIATE MILESTONES REPORTING

FINAL CONFIDENTIAL REPORT USABLE FOR PUBLICATION

OUR INTERACTIONS WITH YOU

SERVICE PROVIDER

R&D PARTNERSHIP

COMMERCIAL PARTNERSHIP

