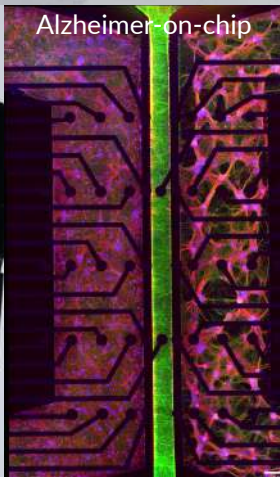
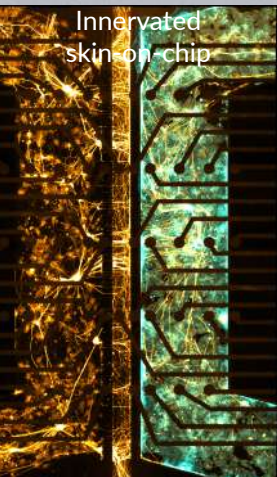


# ELECTROPHYSIOLOGY

by **NETRI** X **AXION**  
BIOSYSTEMS

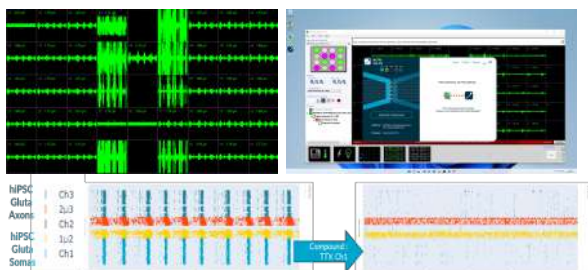


# ELECTROPHYSIOLOGY

## MEA-CAPABLE COMPARTMENTALIZED MICROFLUIDIC DEVICES

### The fusion of electrophysiology and microfluidics.

- Non-invasively measure the electrical activity of neural cells in complex *in-vitro* models and accelerate treatment discovery
- Explore the functional influence of connected but compartmentalized cell populations
- Establish relevant electrophysiological biomarkers
- Generate more relevant preclinical models to accelerate neuroscience-related drug screening and discovery
- Study the electrophysiology and activity of different cell types with isolated compartments
- Remotely stimulate cultures (compound or electrical)
- Investigate synaptic activity isolation and directionality



### NETRI UpLink Utility Software



- Fetch the relevant files (raw, spike, burst threshold, etc.) from an active Axis session
- Process activity and network metrics per microfluidic channel
- Generate an Excel file with the channel-specific metrics in a highly sortable format. UpLink can also generate channel specific .spk files for use in NMT or standard Axion BioSystems .csv files

The MEA microfluidic devices is a product sold and supported by NETRI. All product support enquiries should be directed to [support@netri.com](mailto:support@netri.com)  
The MEA microfluidic devices, powered by Axion BioSystems' integrated MEA technology, are compatible with Maestro Pro and Edge systems

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## CONTACT



[www.netri.com/netri-devices/technology/](http://www.netri.com/netri-devices/technology/)

NETRI SAS - 321 Avenue Jean Jaures 69007 Lyon - FRANCE  
Bat.A - 213 Rue de Gerland 69007 Lyon - FRANCE  
Phone: +33 4 78 23 08 66 - Email: [contact@netri.com](mailto:contact@netri.com)