High density Multi-electrode Array recordings

Commonly used acronym: *MEA recordings from hIPSC derived neuronal cultures*

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Contact person

Sarah Weckhuysen

Organisation

Name of the organisation Vlaams Instituut voor Biotechnologie (VIB)

Department Center for Molecular Neurology

Specific Research Group or Service Epilepsy Genetics

Country Belgium

Geographical Area Flemish Region

Name of the organisation University of Antwerp (UAntwerpen)

Department Translational Neuroscience

Specific Research Group or Service Epilepsy Genetics

Country Belgium

Geographical Area Flemish Region

SCOPE OF THE METHOD

The Method relates to	Human health
The Method is situated in	Basic Research, Translational - Applied Research

Type of method	In vitro - Ex vivo
Specify the type of cells/tissues/organs	MEA recordings from hIPSC derived neuronal cultures

DESCRIPTION

Method keywords

iPSC-derived neurons

multi electrode array

Scientific area keywords

neurodevelopment

neurobiology

Method description

We use HD-MEA recordings from hIPSC derived neuronal cultures to study network behavior of mutant and control cultures.

Lab equipment

Maxwell HD-MEA equipment

Method status

Published in peer reviewed journal

REFERENCES, ASSOCIATED DOCUMENTS AND OTHER INFORMATION

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sciensano VUB

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