UNIVERSITY OF GENOA
DEPARTMENT OF INFORMATICS, BIOENGINEERING, ROBOTICS AND SYSTEMS ENGINEERING
MASTER'S PROGRAM IN BIOENGINEERING

Thesis Project Form

Title (tentative): Morphological characterization of low density cultures of human induced pluripotent stem cells on high density MEAs.

Thesis advisor(s): Martinoia Sergio, Giuia Parodi

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Description

Motivation and application domain

Neuroengineering, human induced pluripotent stem cells

General objectives and main activities

Morphological characterization of low density cultures of human induced pluripotent stem cells on high density MEAs
Cel culture protocols
Data analysis

Training Objectives (technical/analytical tools, experimental methodologies)

Laboratory procedures, algorithms, data analysis.

Place(s) where the thesis work will be carried out: Joint Lab DIBRIS-UNIGE San Martino

Additional information

Maximum number of students: 1