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TITLE

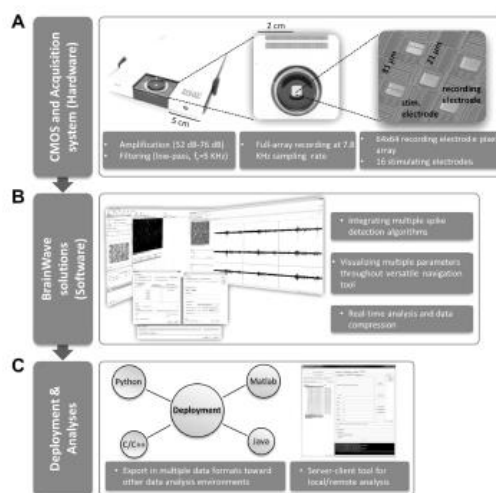
Substrato di coltura di cellule neuronali e procedimenti per il suo impiego in vitro

INVENTORS

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DESCRIPTION

The present invention relates to a neuronal cell culture substrate and to an in vitro method of promoting adhesion, survival and/or proliferation of neuronal cells in culture as well as to an in vitro method of promoting neuronal network growth and/or maturation. The method implies the use of particular polycationic organic substance as poly-D-lysine-ornithine (PDLO) at desired properties, molecular weight, and concentration to obtain optimal attachment and growth of various neuronal types on various surfaces.



APPLICATIONS

Cell-based biosensors, neuronal networks

KEYWORDS

Cell adhesion, poly-D-lysine-ornithine, neuronal, cells

BIBLIOGRAPHIC DATA

Neuronal cell culture substrate

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