



Rat hippocampal culture (seeded as gradient) after 14 days in vitro.
ICC : neurons (MAP-2 in green), astrocytes (GFAP in red, nuclei (Dapi blue bleu)
Credits : culture, ICC and image by PCN-CERVO

PCN-CERVO

List of Products and Services

Cell preparations:

Rat dissociated cultures (hippocampal and cortex) are prepared every week. The dissociated cells can be provided as suspension cells or seeded on any vessel or your choice.

Cells from brain:

- Hippocampal dissociated cultures [regular or at very low density (co-cultures)];
- Cortex dissociated cultures [regular or at very low density (co-cultures)];
- VMB dissociated cultures [regular or at very low density (co-cultures)];
- Striatum dissociated cultures [regular or at very low density (co-cultures)];
- Astrocyte cultures (seeded at any density);
- Organotypic slices.

Cell lines:

- HEK cells: our HEK cells are split twice a week and always kept in growing log phase;
- They can be seeded on any vessel of your choice;
- Other cell lines can be maintained on demand.

Services:

General:

- Transfections with calcium-phosphate in large dishes for protein purification and others;
- Transfections with lipofectamine on CS.
- Neuronal survival test of your substrates (on CS or vessels);
- Fixation of cells on coverslips;
- Cryopreservation of cells on coverslips after fixation.

Custom services:

We are available to discuss any project you might have, such as:

- Dissociated cell culture with your own rats or mice (controls or transgenic);
- Organotypic slices with your own rats or mice (controls or transgenic);
- PDL-coating of your CS or vessels.

Products available:

- Culture media, always fresh (for neuronal cultures and HEK cells);
- Spent media for neuronal cultures (to be used when fresh media cannot be added);
- Solutions for transfections;
- Extracellular solutions (normal and block, OSM adjusted for our neuronal cultures);
- Extracellular solutions (normal and block, OSM adjusted for our HEK cells);
- Fixed and cryopreserved neuronal cells on coverslips for your antibody testing (get your results in a day). We have a bank of those, ready to go;
- Coverslips (each lot is PCN-tested for neuronal cells survival);
- PDL coated glass CS, PDL-LAM coated glass CS, PDL coated Aclar CS, Non-coated CS.

Expertise:

- The PCN has nearly 20 years of experience in neuronal cultures. We can help you in the planning of your experiments by suggesting and testing the best culture conditions for your project and we can troubleshoot for you along the way.
- We can also help you in the preparation of your animal protocol in link with the use of the PCN-CERVO cultures.

Please do not hesitate to contact me for any project or questions you might have.

Contact

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