

Open call for collaboration in protein arrays.

Dear researcher, we are actively seeking for collaborators willing to use protein array technology for discovery purposes.

Protein arrays can be used for several applications including:

- **Screening of protein-protein interactions.** Large scale screening of protein-protein interactions (several thousand proteins may be screened in a single experiment).
- **Antibody specificity testing.** Screening of the specificity of your antibody of choice against a large pool of human proteins.
- **Protein expression profiling.** Antibody arrays are used to bind and detect the levels of proteins of interest from cell lysates.

What do we offer?

- 1) Protein labeling protocols.
- 2) Image acquisition and analysis.
- 3) Software based differential analysis.
- 4) Report generation in Excel.
- 5) Biological interpretation and discussion of the results.
- 6) Bioinformatic analysis of the results (Gene Ontology, pathways involved).

We are able to print our own antibody and protein arrays and we can also use commercial arrays including: [Life Technologies](#), [Full moon biosystems](#), [Sigma](#).

If you are interested, you can find more details in our web page:

http://www.cnb.csic.es/~bmyc/protein_array_platform.html

Please, contact us for further information.

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Related literature:

1. [Protein arrays: recent achievements and their application to study the human proteome](#). Current Proteomics. **Casado-Vela, J.** et al. 2013.
2. [Protein-protein interactions: gene acronym redundancies and current limitations precluding fully automated data integration](#). **Casado-Vela, J.**; Matthiesen, Rune; Sellés, S.; Naranjo, José Ramón. Proteomes. 1(1), 3-24. 2013.
3. [Lights and shadows of proteomic technologies for the study of protein species including isoforms, splicing variants and protein post-translational modifications](#). **Casado-Vela, J.** et al. Proteomics. 2011 Feb;11(4):590-603.
4. [Approaches for the study of cancer: towards the integration of genomics, proteomics and metabolomics](#). **Casado-Vela J.** Clin Transl Oncol. 2011; 13 (9):617-28.
5. [Data Analysis Strategies for Protein Microarrays](#). Microarrays 2012, 1(2), 64-83.