

BIOGRAPHICAL SKETCH

| NAME Fernando J. Corrales | POSITION TITLE Professor of Biochemistry and Molecular Biology Director of Proteomics Laboratory | | |
|---|---|-----------|-----------------|
| CURRENT AFFILIATION Center for Applied Medical Research (CIMA), University of Navarra Pamplona, Spain | | | |
| EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i> | | | |
| INSTITUTION AND LOCATION | DEGREE <i>(if applicable)</i> | YEAR(s) | FIELD OF STUDY |
| University Autónoma of Madrid | Degree | 1986 | Biochemistry |
| University Autónoma of Madrid | Ph.D. | 1992 | Biochemistry |
| University of Cambridge (UK) | Postdoctoral | 1993-1996 | Protein folding |

List of five recent publications by the candidate:

- E. Santamaría, M.I. Mora, C. Potel, J. Fernández-Irigoyen, R. Hernández-Alcoceba, J. Prieto, A. Epstein, and F.J. Corrales. (2009). Identification of replication-competent HSV-CGal+ strain signalling targets in human hematoma cells by functional organelle proteomics. *Mol. Cel. Proteomics*. 8:805-815.
- Enrique Santamaría¹, María I. Mora¹, Elvira Carro-Roldán¹, Manuela Molina¹, Joaquín Fernández-Irigoyen¹, Peggy Marconi², Roberto Manservigi², Anna Greco³, Alberto L. Epstein³, Jesús Prieto¹, Rubén Hernández-Alcoceba¹, and Fernando J. Corrales^{1#}. (2009). Identification of replication-competent HSV-1 Cgal+ strain targets in a mouse model of human hepatocarcinoma xenograft. *J. Proteomics*. 73:153-160.
- Enrique Santamaría¹, Maria I. Mora¹, Javier Muñoz¹, Virginia Sánchez-Quiles¹, Joaquín Fernández-Irigoyen¹, Jesús Prieto¹, Fernando J. Corrales.⁽²⁰⁰⁹⁾. Regulation of stathmin phosphorylation in mouse liver progenitor (MLP-29) cells during proteasome inhibition. *Proteomics*. 9:4495-4506.
- Sánchez-Quiles V, Santamaría E, Segura V, Sesma L, Prieto J, Corrales FJ. (2010). Prohibitin deficiency blocks proliferation and induces apoptosis in human hepatoma cells. *Molecular mechanisms and functional implications*. *Proteomics*. 10:1609-1620.
- Virginia Sánchez-Quiles¹, María I. Mora¹, Víctor Segura¹, Anna Greco², Alberto L. Epstein², Maria Giovanna Foschini³, Loïc Dayon⁴, Jean-Charles Sanchez⁴, Jesús Prieto¹, Fernando J. Corrales^{1*}, Enrique Santamaría^{1*}. HSV-1 Cgal+ Infection Promotes Quaking RNA Binding Protein Production and Induces Nuclear-Cytoplasmic shuttling of quaking I-5 isoform in Human Hepatoma Cells. *Mol Cel Proteomics*. In Press.

Please indicate in 200 words or less the reason(s) why you would be a suitable candidate for the HUPO Council elections.

I have been personally interested in HUPO and HUPO projects, as I always understood that the description of the Human Proteome and its functional regulation is one of the greatest challenges of modern biology that will bring light to the understanding of our own physiology and pathology. As President of the Spanish Proteomics Society (SEProt) and member of the National Institute for Proteomics (ProteoRed), my interest is to promote the integration of Spanish scientists, contributing to the development of HUPO initiatives with our active participation. In this direction, we are firm candidates to host the HUPO world Congress in 2014.