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Journal Publications (*Corresponding author)

Fernando Cardona*, Marta Tormos-Pérez, Jordi Pérez-Tur*: *Structural and functional in silico analysis of LRRK2 missense substitutions*. Molecular Biology Reports 04/2014; 41(4):2529-42.

Fernando Cardona*, Marcel LÍ Del Olmo, Agustín Aranda: *Phylogenetic origin and transcriptional regulation at the post-diauxic phase of SPI1, in Saccharomyces cerevisiae*. Cellular & Molecular Biology Letters 05/2012; 17(3):393-407.

Fernando Cardona, Helena Orozco, Sylvie Friant, Agustín Aranda*, Marcel-lí del Olmo: *The Saccharomyces cerevisiae flavodoxin-like proteins Ycp4 and Rfs1 play a role in stress response and in the regulation of genes related to metabolism*. Archives of Microbiology 04/2012; 193(7):515-525.

Fernando Cardona, Jose Vicente Sánchez-Mut, Hernán Dopazo, Jordi Pérez-Tur*: *Phylogenetic and in silico structural analysis of the Parkinson disease-related kinase PINK1*. Human Mutation 04/2011; 32(4):369-78.

Fernando Cardona, Agustín Aranda*, Marcel.lí del Olmo: *Ubiquitin ligase Rsp5p is involved in the gene expression changes during nutrient limitation in Saccharomyces cerevisiae*. Yeast 01/2009; 26(1):1-15.

Fernando Cardona, Purificación Carrasco, José Enrique Pérez-Ortín, Marcel lí del Olmo*, Agustín Aranda: *A novel approach for the improvement of stress resistance in wine yeasts..* International Journal of Food Microbiology 03/2007; 114(1):83-91.

P. Ruiz, M.J. Ocio, F. Cardona, A. Fernández, M. Rodrigo, A. Martínez*: *Nature of the Inactivation Curves of Bacillus Pumilus Spores Heated Using Non - isothermal and Isothermal Treatments*. Journal of Food Science 07/2006; 67(2):776 - 779.

Conference Proceedings

1) International congress on research and innovation in neurodegenerative disease. Madrid, Spain. 23-24/09/2013. Organizing: CIBER ENFERMEDADES NEURODEGENERATIVAS (CIBERNED)

Fernando Cardona Serrate; Marta Tormos Pérez; Jordi Pérez Tur. "Structural and functional in silico analysis of LRRK2 missense substitutions".

2) National meeting: 6º foro CIBERNED. Madrid, Spain. 24-25/10/2012. Organizing: CIBERNED

Fernando Cardona Serrate; Vicente Andreu Fernández; José Félix Martí Massó; Adolfo López de Munain; Javier Ruiz; Jordi Pérez Tur. "Analysis of GIGYF2 in Basque population and systematic review of Parkinson-related coding variants".

3) National meeting: 4º foro CIBERNED. Santander, España. 16-18/12/2010. Organizing: CIBERNED

Fernando Cardona Serrate; Jose Vicente Sánchez Mut; Hernán Dopazo; Jordi Pérez Tur. "Phylogenetic and in silico structural analysis of the Parkinson disease related kinase PINK1".

4) International Symposium on Protein Phosphorylation in Neurodegenerative Diseases. Valencia, Spain. 28-30/01/2010. Organizing: Fundación Centro de Investigación Príncipe Felipe.

Marta Tormos Pérez; Jordi Pérez Tur; Fernando Cardona Serrate. "In silico structural analysis of LRRK2 and effects of Parkinson-related mutations".

5) International congress: 2009 Yeast Genetics and Molecular Biology. Manchester, United Kingdom. 19-24/07/2009. Organizing: Genetics Society of America

Fernando Cardona Serrate; Marcel.Í del Olmo Muñoz; Agustín Aranda Fernández. "Transcriptional regulation by Flavodoxin-Like Proteins at the postdiauxic shift".

6) 9th International Conference ADPD 2009. Prague, Czech republic. 11-15/03/2009. Organizing: Alzheimer's and Parkinson's Diseases: Advances, Concepts and New Challenges

Fernando Cardona Serrate; Jose Vicente Sánchez Mut; Jordi Pérez Tur. "In silico analysis of PINK1 Parkinson related kinase: phylogenetic and structural approaches".

7) 9th International Conference ADPD 2009. Prague, Czech republic. 11-15/03/2009. Organizing: Alzheimer's and Parkinson's Diseases: Advances, Concepts and New Challenges

Beatriz Águeda Gómez; Juan Ureña Peralta; Vicente Herranz Pérez; Jordi Pérez Tur; Justo García de Yébenes; Fernando Cardona Serrate. "SEARCHING FOR THE GENE RESPONSIBLE FOR FAMILIAR PROGRESSIVE SUPRANUCLEAR PALSY: ANALYSIS OF FAM5C".

8) National meeting: 2º foro CIBERNED. Valencia, Spain. 12-15/12/2008. Organizing: CIBERNED

Beatriz Águeda Gómez; Juan Ureña Peralta; Vicente Herranz Pérez; Jordi Pérez Tur; Justo García de Yébenes; Fernando Cardona Serrate. "Análisis del locus responsable de la parálisis supranuclear progresiva familiar".

9) National meeting: Reunión bienal de la Sociedad Española de Neurociencias. Valencia, España
Fecha de realización: 05-09/09/2007. Organizing: SOCIEDAD ESPAÑOLA DE NEUROCIENCIAS (SENC)

Fernando Cardona Serrate; Vicente Herranz Pérez; Jose Vicente Sanchez Mut; Jordi Pérez Tur. "Análisis bioinformático de la filogenia de la familia LGI".

10) XXIV International Specialized Symposium on Yeast. Castellón, Spain. 28/09/2006-02/10/2006
Organizing: International Association of Microbiological Societies . International Yeast Commission.

Fernando Cardona Serrate; Agustín Aranda Fernández; Marcel.Í del Olmo Muñoz. "Genetic improvement of Wine yeast stress resistance by promoter substitution".

11) International congress: 2006 Yeast Genetics and Molecular Biology. Princeton (New Jersey), USA. 25-30/07/2006. Organizing: Genetics Society of America

Fernando Cardona Serrate; Sylvie Friant; Marcel.lí del Olmo Muñoz; Agustín Aranda Fernández.
"Transcriptional regulation of SPI1 gene at the postdiauxic shift".

12) International congress: Gene Transcription in Yeast. Gerona, Spain. 29/05/2004-03/06/2004.

Organizing: EURESCO (ESF)

Fernando Cardona Serrate; Marcel.lí del Olmo Muñoz; Agustín Aranda Fernández. "Transcriptional regulation of SPI1 gene during stationary phase".