



Fernando Cardona Serrate

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**Fernando Cardona Serrate**

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Current professional situation

Employing entity: Instituto de Biomedicina de Valencia-CSIC **Type of entity:** Public Research Body

Department: Department of Genomics and Proteomics

Professional category: Research Associate

Phone: (+34) 963391760

Email: fcardona@ibv.csic.es

Start date: 16/09/2006

Type of contract: Permanent employment contract

Dedication regime: Full time

Primary (UNESCO code): 230221 - Molecular biology; 241007 - Human genetics

Secondary (UNESCO code): 240300 - Biochemistry

Identify key words: Molecular mechanism of disease; Molecular biology; Genetics

Field of management activity: Public Research Body

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad Politécnica de Valencia	Part time professor	01/05/2014
2	Universitat de València	Pre-doctoral fellowship. Biochemistry and Molecular Biology Department	01/01/2003
3	Instituto de Agroquímica y Tecnología de Alimentos-CSIC	Collaborator. Biotechnology Department	01/09/2001
4	Instituto de Agroquímica y Tecnología de Alimentos-CSIC	Bachelor thesis	01/01/2001



- 1** **Employing entity:** Universidad Politécnica de Valencia **Type of entity:** University
Professional category: Part time professor
Start-End date: 01/05/2014 - 31/08/2020
- 2** **Employing entity:** Universitat de València **Type of entity:** University
Professional category: Pre-doctoral fellowship. Biochemistry and Molecular Biology Department
Start-End date: 01/01/2003 - 15/09/2006
- 3** **Employing entity:** Instituto de Agroquímica y Tecnología de Alimentos-CSIC **Type of entity:** Public Research Body
Professional category: Collaborator. Biotechnology Department
Start-End date: 01/09/2001 - 31/12/2002
- 4** **Employing entity:** Instituto de Agroquímica y Tecnología de Alimentos-CSIC **Type of entity:** Public Research Body
Professional category: Bachelor thesis
Start-End date: 01/01/2001 - 30/06/2001



Education

University education

1st and 2nd cycle studies and pre-Bologna degrees

- 1** **University degree:** Advanced Study Diploma
Name of qualification: Molecular Biology
Degree awarding entity: Universitat de València **Type of entity:** University
Date of qualification: 2004
- 2** **University degree:** Higher degree
Name of qualification: Biochemistry
Degree awarding entity: Universitat de València **Type of entity:** University
Date of qualification: 2002
- 3** **University degree:** Higher degree
Name of qualification: Food Science and Technology
Degree awarding entity: Universitat de València **Type of entity:** University
Date of qualification: 2000

Doctorates

Doctorate programme: Molecular Biology
Degree awarding entity: Universitat de València **Type of entity:** University
Date of degree: 2009

Attended advanced, improvement and innovative teacher training and new technology courses and seminars focused on improving teaching

- 1** **Title of course/seminar:** Experto Universitario en Formación On-line
Organising entity: Universitat Politècnica de València **Type of entity:** University
Duration in hours: 150 hours
Start-End date: 01/09/2016 - 30/11/2018
- 2** **Title of course/seminar:** Experto Universitario en Pedagogía Universitaria
Organising entity: Universitat Politècnica de València **Type of entity:** University
Duration in hours: 200 hours
Start-End date: 01/09/2016 - 30/06/2017



Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Italian		B1	C1	C1	A1
English		B1	C1	C1	C1
French		C1	A1	A1	A1
Catalan		C1	C1	C1	A1

Teaching experience

General teaching experience

- 1 Name of the course:** Clinic biochemistry
University degree: Medicine
Start date: 2021
Entity: Universitat de València
Faculty, institute or centre: Medicine

End date: 2021
Type of entity: University
- 2 Name of the course:** Chemistry
University degree: Food Science and Technology
Start date: 2014
Entity: Universidad Politécnica de Valencia
Faculty, institute or centre: ETSIAMN

End date: 2020
Type of entity: University
- 3 Name of the course:** Chemistry
Type of teaching: Laboratory work
University degree: Biotechnology
Start date: 2014
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 15
Entity: Universidad Politécnica de Valencia
Faculty, institute or centre: ETSIAMN
Subject language: English

End date: 2015
Type of entity: University
- 4 Name of the course:** Biochemistry
Type of teaching: Laboratory work
University degree: Biology
Start date: 2004
Type of hours/ ECTS credits: Hours
Hours/ECTS credits: 30
Entity: Universitat de València
Faculty, institute or centre: Biology

End date: 2006
Type of entity: University
- 5 Name of the course:** Food biotechnology
Type of teaching: Laboratory work
University degree: Biochemistry



Start date: 2004

Type of hours/ ECTS credits: Hours

Hours/ECTS credits: 30

Entity: Universitat de València

Faculty, institute or centre: Biology

End date: 2006

Type of entity: University

Experience supervising doctoral thesis and/or final year projects

- 1** **Project title:** Master thesis
Entity: Universidad Politécnica de Valencia
Student: Tamara Lapeña Luzón
Date of reading: 10/07/2019
Type of entity: University
- 2** **Project title:** Bachelor thesis
Entity: Universidad Politécnica de Valencia
Student: Gonzalo Mercado Vicó
Date of reading: 03/07/2019
Type of entity: University
- 3** **Project title:** Bachelor thesis
Entity: Universidad Politécnica de Valencia
Student: Laura Martínez Sotodosos
Date of reading: 09/07/2018
Type of entity: University
- 4** **Project title:** Bachelor thesis
Entity: Universitat de València
Student: Aida Pous Granero
Date of reading: 05/09/2017
Type of entity: University
- 5** **Project title:** Bachelor thesis
Entity: Universidad Politécnica de Valencia
Student: Paula Esteller Cucala
Date of reading: 18/07/2016
Type of entity: University
- 6** **Project title:** Bachelor thesis
Entity: Universidad Politécnica de Valencia
Student: Anna Baquero Vaquer
Date of reading: 27/06/2016
Type of entity: University
- 7** **Project title:** Master thesis
Entity: Universitat de València
Student: Eva Beltrán Gómez
Date of reading: 21/09/2015
Type of entity: University
- 8** **Project title:** Bachelor thesis
Entity: Universidad Politécnica de Valencia
Student: Julia Hernández Baixauli
Date of reading: 07/09/2015
Type of entity: University



- 9** **Project title:** Bachelor thesis
Entity: Universidad Politécnica de Valencia **Type of entity:** University
Student: Leire Almandoz Gil
Date of reading: 01/02/2011
- 10** **Project title:** Bachelor thesis
Entity: Universidad Politécnica de Valencia **Type of entity:** University
Student: Marta Tormos Pérez
Date of reading: 05/11/2009

Scientific and technological experience

Scientific or technological activities

R&D projects funded through competitive calls of public or private entities

- 1** **Name of the project:** Caracterización de una nueva mutación en CR1 implicada en la enfermedad de Alzheimer-GV/2018//166
Entity where project took place: Instituto de Biomedicina de Valencia **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Fernando Cardona Serrate
Nº of researchers: 3
Start-End date: 2018 - 2019
- 2** **Name of the project:** On the hunt for elusive genes: ALS, epilepsy and PSP
Entity where project took place: Instituto de Biomedicina de Valencia **Type of entity:** State agency
City of entity: Valencia, Spain
Nº of researchers: 3
Start-End date: 2014 - 2016
- 3** **Name of the project:** Genetic analysis of Parkinson's disease
Entity where project took place: Instituto de Biomedicina de Valencia **Type of entity:** R&D Centre
Name principal investigator (PI, Co-PI....): Jordi Pérez Tur
Nº of researchers: 5
Funding entity or bodies: MINISTERIO DE EDUCACION Y CIENCIA
City funding entity: Spain
Start-End date: 2010 - 2012
Participating entity/entities: Instituto de Biomedicina de Valencia
- 4** **Name of the project:** Genetic and functional analysis of human central nervous system diseases
Entity where project took place: Instituto de Biomedicina de Valencia **Type of entity:** R&D Centre
City of entity: Valencia, Valencian Community, Spain
Name principal investigator (PI, Co-PI....): Jordi Pérez Tur



Nº of researchers: 5

Funding entity or bodies:

MINISTERIO DE EDUCACION Y CIENCIA

City funding entity: Spain

Start-End date: 2006 - 2009

Participating entity/entities: Instituto de Biomedicina de Valencia

5 Name of the project: Studies of the wine yeasts response mechanisms to stress conditions relevant for the wine production. Potential biotechnological applications

Entity where project took place: Universitat de València **Type of entity:** University

City of entity: Valencia, Valencian Community, Spain

Name principal investigator (PI, Co-PI....): Marcel.Í del Olmo Muñoz

Nº of researchers: 5

Funding entity or bodies:

MINISTERIO DE EDUCACION Y CIENCIA

City funding entity: Spain

Start-End date: 2005 - 2008

Participating entity/entities: Universitat de València

6 Name of the project: CIBERNED (Network Center for Research in Neurodegenerative Diseases)

Entity where project took place: Instituto de Biomedicina de Valencia **Type of entity:** R&D Centre

City of entity: Valencia, Valencian Community, Spain

Name principal investigator (PI, Co-PI....): Jordi Pérez Tur

Nº of researchers: 3

Funding entity or bodies:

Instituto de Salud Carlos III

Type of entity: Public Research Body

City funding entity: Majadahonda, Community of Madrid, Spain

Start date: 2008

Participating entity/entities: Instituto de Biomedicina de Valencia



Scientific and technological activities

Scientific production

H index: 8

Date of application: 19/05/2020

Publications, scientific and technical documents

- 1** Juan Francisco Vázquez-Costa; José I. Tembl; Victoria Fornés-Ferrer; Fernando Cardona; Lluís Morales-Caba; Gerardo Fortea; Jordi Pérez-Tur; Teresa Sevilla. Genetic and constitutional factors are major contributors to substantia nigra hyperechogenicity. *Scientific Reports*. Nature publishing group, 08/2017.

Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 2** JF Vázquez-Costa; S Arlandis; D Hervas; E Martínez-Cuenca; F Cardona; J Pérez-Tur; E Broseta; T Sevilla. Clinical profile of motor neuron disease patients with lower urinary tract symptoms and neurogenic bladder. *Journal of the Neurological Sciences*. 15 - 378, pp. 130 - 136. Elsevier, 07/2017.

Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 3** Oriol Dols-Icardo; Oriol Iborra; Jessica Valdivia; Pau Pastor; Agustín Ruiz; Adolfo López de Munain; Raquel Sánchez-Valle; Victoria Álvarez; Pascual Sánchez-Juan; Albert Lleó; Juan Fortea; Rafael Blesa; Fernando Cardona; Miquel Baquero; María Dolores Alonso; Sara Ortega-Cubero; María A Pastor; Cristina Razquin; Merce Boada; Isabel Hernández; Ana Gorostidi; Fermín Moreno; Miren Zulaika; Albert Llado; Eliecer Coto; Onofre Combarros; Jordi Pérez-Tur; Jordi Clarimón. Assessing the role of TUBA4A gene in frontotemporal degeneration. *Neurobiology of aging*. 2016.

Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 4** Oriols Dols-Icardo; Irene Nebot; Ana Gorostidi; Sara Ortega-Cubero; Isabel Hernández; Ricard Rojas-García; Alberto García-Redondo; Mónica Povedano; Albert Llado; Victoria Álvarez; Pascual Sánchez-Juan; Julio Pardo; Ivonne Jerico; Juan F Vázquez-Costa; Teresa Sevilla; Fernando Cardona; Begoña Indakoechea; Fermín Moreno; Roberto Fernández-Torron; Laia Muñoz-Llahuna; Sonia Moreno-Grau; Maitee Rosende-Roca; Alvaro Vela; José Luis Muñoz-Blanco; Onofre Combarros; Eliecer Coto; Daniel Alcolea; Juan Fortea; Albert Lleó; Raquel Sánchez-Valle; Jesús Esteban-Pérez; Ana Ruiz; Pau Pastor; Adolfo López de Munain; Jordi Pérez-Tur; Jordi Clarimón. Analysis of the CHCHD10 gene in patients with frontotemporal dementia and amyotrophic lateral sclerosis from Spain. *Brain*. 2015.

Type of production: Scientific paper **Format:** Journal
Corresponding author: No
- 5** Juan F. Vázquez-Costa; Eva Beltrán; Pablo Sopena; Ana Sabater; Fernando Cardona; Juan J Vilchez; Jordi Pérez-Tur; Teresa Sevilla. Clinical and neuroimaging characterization of two C9orf72-positive siblings with amyotrophic lateral sclerosis and schizophrenia. *Amyotrophic Lateral Sclerosis and Frontotemporal Degeneration*. 2015.

Type of production: Scientific paper
Corresponding author: No



- 6** Cardona F*; Tormos-Pérez M; Pérez-Tur J*. Structural and functional in silico analysis of LRRK2 missense substitutions. *Molecular Biology Reports*. 2014.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 7** Cardona F*; del Olmo ML; Aranda A. Phylogenetic Origin and transcriptional regulation of SPI1 at the post-diauxic phase in *Saccharomyces cerevisiae*. *Cellular and Molecular Biology Letters*. 17 - 3, pp. 393 - 407. Versita, 2012.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
- 8** Cardona F; Sánchez-Mut JV; Dopazo H; Pérez-Tur J*. Phylogenetic and in silico structural analysis of the Parkinson disease related kinase PINK1. *Human Mutation*. 32 - 4, pp. 369 - 378. Wiley, 2011.
Type of production: Scientific paper **Format:** Journal
- 9** Cardona F; Orozco H; Friant S; Aranda A*; del Olmo ML. 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*. 193 - 7, pp. 515 - 525. Springer, 2011.
Type of production: Scientific paper **Format:** Journal
- 10** Cardona F; Aranda A*; del Olmo ML. Ubiquitin ligase Rsp5p is involved in the gene expression changes during nutrient limitation in *Saccharomyces cerevisiae*. *Yeast*. 26 - 1, pp. 1 - 15. Wiley, 2009.
Type of production: Scientific paper **Format:** Journal
- 11** Cardona F; Carrasco P; Perez-Ortín JE; del Olmo ML*; Aranda A. A novel approach for improvement of stress resistance in wine yeasts. *International Journal of Food Microbiology*. 114 - 1, pp. 83 - 91. Elsevier, 2007.
Type of production: Scientific paper **Format:** Journal
- 12** Ruiz P; Ocio MJ; Cardona F; Fernández A; Rodrigo M and Martínez A*. Nature of the inactivation curves of *Bacillus Pumillus* spores heated using non-isothermal and isothermal treatments. *Journal of Food Science*. 67 - 2, pp. 776 - 779. Wiley, 2002.
Type of production: Scientific paper **Format:** Journal
- 13** Jordi Pérez-Tur; Fernando Cardona. Proteomic alterations by mutations involved in Parkinson's disease and related disorders. *Current Protein and Peptide Science*. 18 - 7, 07/2017.
Type of production: Scientific edition **Format:** Book
Corresponding author: Yes
- 14** Jordi Pérez-Tur; Fernando Cardona. Other proteins involved in Parkinson's disease and related disorders. *Current Protein and Peptide Science*. 18 - 7, Bentham Science, 07/2017.
Type of production: Review **Format:** Journal
Corresponding author: Yes
- 15** Cooncepción Rubio Granero; Ángeles García García; Fernando Cardona Serrate. Técnicas básicas de microbiología y bioquímica. Editorial Síntesis. Editorial Síntesis, 09/2017.
Type of production: textbook **Format:** Book



Works submitted to national or international conferences

- 1** **Title of the work:** Desarrollo de competencias transversales mediante la creación de screencasts por los estudianteso
Name of the conference: International Conference on Innovation, Documentation and Education (INNODOCT)
Corresponding author: Yes
City of event: Valencia, Spain
Date of event: 06/11/2019
End date: 08/11/2019
Organising entity: Universitat Politècnica de València
Juan A. Llorens Molina; Fernando Cardona Serrate.
- 2** **Title of the work:** Docencia inversa en la asignatura Fundamentos Químicos para la Ciencia y Tecnología de los Alimentos
Name of the conference: International Conference on Innovation, Documentation and Education (INNODOCT)
Corresponding author: Yes
City of event: Valencia, Spain
Date of event: 06/11/2019
End date: 08/11/2019
Organising entity: Universitat Politècnica de València
Fernando Cardona Serrate; Juan A. Llorens Molina.
- 3** **Title of the work:** Docencia inversa en prácticas de laboratorio. Desarrollo y autoevaluación de competencias transversales
Name of the conference: International Conference on Innovation, Documentation and Education (INNODOCT)
Corresponding author: Yes
City of event: Valencia, Spain
Date of event: 06/11/2019
End date: 08/11/2019
Organising entity: Universitat Politècnica de València
Juan A. Llorens Molina; Fernando Cardona Serrate.
- 4** **Title of the work:** Influencia del orden de matrícula en la elección de grupo, en los resultados académicos y la encuesta de valoración del profesorado
Name of the conference: International Conference on Innovation, Documentation and Education (INNODOCT)
Corresponding author: Yes
City of event: Valencia, Spain
Date of event: 06/11/2019
End date: 08/11/2019
Organising entity: Universitat Politècnica de València
Fernando Cardona Serrate; Juan A. Llorens Molina.
- 5** **Title of the work:** Development of a cellular model to study the role of CR1 in Alzheimer's disease
Name of the conference: EUROPEAN HUMAN GENETICS CONFERENCE 2019
Type of participation: 'Participatory - poster
Corresponding author: Yes

City of event: Goteborg, Sweden

Date of event: 15/06/2019

End date: 15/06/2019

Organising entity: European Society of Human Genetics

Fernando Cardona; Jacek Szymanski; Jordi Pérez-Tur. "EUROPEAN JOURNAL OF HUMAN GENETICS".

- 6** **Title of the work:** Evaluation of a novel variant in CR1 in patients with Alzheimer's disease
Name of the conference: EUROPEAN HUMAN GENETICS CONFERENCE 2019
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Goteborg, Sweden
Date of event: 15/06/2019
End date: 15/06/2019
Organising entity: European Society of Human Genetics
Jacek Szymanski; Fernando Cardona; Jordi Pérez-Tur. "EUROPEAN JOURNAL OF HUMAN GENETICS".
- 7** **Title of the work:** Aplicaciones de la química física a la tecnología de alimentos. Motivación al estudio y desarrollo de competencias transversales
Name of the conference: International Conference on Innovation, Documentation and Education (INNODOCT)
Corresponding author: Yes
City of event: Valencia, Spain
Date of event: 14/11/2018
End date: 16/11/2018
Organising entity: Universitat Politècnica de València
Fernando Cardona Serrate; Concepción Rubio GRanero.
- 8** **Title of the work:** Ludificación (gamification) y exámenes on-line como elemento dinamizador y motivador del estudio
Name of the conference: International Conference on Innovation, Documentation and Education (INNODOCT)
Corresponding author: Yes
City of event: Valencia, Spain
Date of event: 14/11/2018
End date: 16/11/2018
Organising entity: Universitat Politècnica de València
Fernando Cardona Serrate; Lorena Atarés Huerta.
- 9** **Title of the work:** Evaluation of a novel variant in PRRT2 in patients with paroxysmal kinesigenic dyskinesia
Name of the conference: VI International Congress on Research and Innovation in Neurodegenerative Diseases
City of event: Santiago de Compostela, Spain
Date of event: 19/09/2018
End date: 21/09/2018
Organising entity: Fundación CIEN-CIBERNED
Jacek Szymanski; Fernando Cardona; Juan A. Burguera; Jordi Pérez-Tur.
- 10** **Title of the work:** Revisiting theories to explain p.G2019S hiperactivity in LRRK2
Name of the conference: VI International Congress on Research and Innovation in Neurodegenerative Diseases
City of event: Santiago de Compostela, Spain



Date of event: 19/09/2018
End date: 21/09/2018
Organising entity: Fundación CIEN-CIBERNED
Fernando Cardona; Jordi Pérez-Tur.

- 11** **Title of the work:** Introducción de aplicaciones de la termodinámica a la tecnología de alimentos como elemento motivador y de aprendizaje en contexto
Name of the conference: International Conference on Innovation, Documentation and Education (INNODOCT)
Corresponding author: Yes
City of event: Valencia, Spain
Date of event: 25/10/2017
End date: 27/10/2017
Organising entity: Universitat Politècnica de València
Fernando Cardona Serrate; Lorena Atarés Huerta.
- 12** **Title of the work:** Development of a PCR-Dot-Blot method to detect C9orf72 expansions
Name of the conference: Alzheimer's Global Summit Lisbon 2017
Corresponding author: Yes
City of event: Lisboa, Portugal
Date of event: 20/09/2017
End date: 22/09/2017
Organising entity: Fundacio CIEN-Reina Sofía
Paula Esteller Cucala; Mieria Vaca; Maria Villafranca; Jordi Pérez Tur; Fernando Cardona. "Development of a PCR-Dot Blot method to detect C9orf72 expansions".
- 13** **Title of the work:** Evaluation of a novel mutation in patients with Primary Lateral Esclerosis
Name of the conference: Alzheimer's Global Summit Lisbon 2017
Corresponding author: No
City of event: Lisboa, Portugal
Date of event: 20/09/2017
End date: 22/09/2017
Organising entity: Fundacio CIEN-Reina Sofía
Jacek Szymanski; Concepción Rubio; Jordi Pérez Tur; Juan F. Vázquez-Costa; Fernando Cardona. "Development of a PCR-Dot Blot method to detect C9orf72 expansions".
- 14** **Title of the work:** Genetics studies of susceptibility factors for Parkinson's disease
Name of the conference: International congress on research and innovation in neurodegenerative disease
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Alicante, Spain
Date of event: 21/09/2016
End date: 23/09/2016
Organising entity: Fundación CIEN
Concepción Rubio-Granero; Fernando Cardona Serrate; Jordi Pérez-Tur.
- 15** **Title of the work:** Transcriptional regulation of LRRK2 (PARK8)
Name of the conference: International congress on research and innovation in neurodegenerative disease
Type of participation: 'Participatory - poster
Corresponding author: Yes
City of event: Alicante, Spain



Date of event: 21/09/2016

End date: 23/09/2016

Organising entity: Fundación CIEN

Fernando Cardona; Paula Esteller-Cucala; Irene Nebot-Ruiz; Jose R Blesa; Jordi Pérez-Tur.

- 16 Title of the work:** Motivación al estudio de la Físicoquímica en el Grado de Ciencia y Tecnología de Alimentos mediante el estudio de aplicaciones. Utilización para el desarrollo y evaluación de competencias transversales

Name of the conference: II Congreso Nacional de Innovación Educativa y Docencia en Red de la Universitat Politècnica de València

Type of participation: 'Participatory - poster

Corresponding author: Yes

City of event: Valencia, Spain

Date of event: 07/07/2016

End date: 08/07/2016

Organising entity: Universidad Politécnica de Valencia

Type of entity: University

Fernando Cardona; Lorena Atarés.

- 17 Title of the work:** Alteration of the splicing forms of the 5'UTR of DJ1 (PARK7) in SNPs related to Parkinson disease in Basque population

Name of the conference: EUROPEAN HUMAN GENETICS CONFERENCE 2016

Type of participation: 'Participatory - poster

City of event: Barcelona, Spain

Date of event: 21/05/2016

End date: 24/05/2016

Organising entity: European Society of Human Genetics

Fernando Cardona; Vicente Andreu-Fernández; Julia Hernández-Baixauli; José-Félix Martí-Masso; Adolfo López de Munain; Jordi Pérez-Tur.

- 18 Title of the work:** Alteración del splicing de DJ-1 (PARK7): implicación en enfermedad de Parkinson

Name of the conference: XXXVIII Congreso de la SEBBM

Type of participation: 'Participatory - poster

City of event: Valencia, Spain

Date of event: 07/09/2015

End date: 07/10/2015

Organising entity: Sociedad Española de Bioquímica y Biología Molecular

Fernando Cardona; Julia Hernández-Baixauli; Vicente Andreu-Fernández; José-Félix Martí-Marsó; Adolfo Lopez de Munain; Jordi Pérez-Tur.

- 19 Title of the work:** Structural and functional in silico analysis of LRRK2 missense substitutions

Name of the conference: International congress on research and innovation in neurodegenerative disease

Type of participation: 'Participatory - poster

City of event: Madrid, Spain

Date of event: 23/09/2013

End date: 24/09/2013

Organising entity: Fundación CIEN

Fernando Cardona Serrate; Marta Tormos Pérez; Jordi Pérez Tur.

- 20 Title of the work:** Analysis of GIGYF2 in Basque population and systematic review of Parkinson-related coding variants

Name of the conference: 6º foro CIBERNED



Type of participation: 'Participatory - poster

City of event: Madrid, Spain

Date of event: 24/10/2012

End date: 25/10/2012

Organising entity: CIBER ENFERMEDADES NEURODEGENERATIVAS (CIBERNED)

Fernando Cardona Serrate; Vicente Andreu Fernández; José Félix Martí Massó; Adolfo López de Munain; Javier Ruiz; Jordi Pérez Tur.

21 Title of the work: Phylogenetic and in silico structural analysis of the Parkinson disease related kinase PINK1

Name of the conference: 4º foro CIBERNED

Type of participation: 'Participatory - poster

City of event: Santander, Spain

Date of event: 16/12/2010

End date: 18/12/2010

Organising entity: CIBER ENFERMEDADES NEURODEGENERATIVAS (CIBERNED)

Fernando Cardona Serrate; Jose Vicente Sánchez Mut; Hernán Dopazo; Jordi Pérez Tur.

22 Title of the work: In silico structural analysis of LRRK2 and effects of Parkinson-related mutations

Name of the conference: International Symposium on Protein Phosphorylation in Neurodegenerative Diseases

Type of participation: 'Participatory - poster

City of event: Valencia, Spain

Date of event: 28/01/2010

End date: 30/01/2010

Organising entity: Centro de Investigación Príncipe Felipe **Type of entity:** Foundation

Marta Tormos Pérez; Jordi Pérez Tur; Fernando Cardona Serrate.

23 Title of the work: Transcriptional regulation by Flavodoxin-Like Proteins at the postdiauxic shift

Name of the conference: 2009 Yeast Genetics and Molecular Biology

Type of participation: 'Participatory - poster

City of event: Manchester, United Kingdom

Date of event: 19/07/2009

End date: 24/07/2009

Organising entity: Genetics Society of America

Fernando Cardona Serrate; Marcel.lí del Olmo Muñoz; Agustín Aranda Fernández.

24 Title of the work: In silico analysis of PINK1 Parkinson related kinase: phylogenetic and structural approaches

Name of the conference: 9th International Conference ADPD 2009

Type of participation: 'Participatory - poster

City of event: Praga, Czech Republic

Date of event: 11/03/2009

End date: 15/03/2009

Organising entity: Alzheimer's and Parkinson's Diseases: Advances, Concepts and New Challenges

Fernando Cardona Serrate; Jose Vicente Sánchez Mut; Jordi Pérez Tur.

25 Title of the work: Searching for the gene responsible for familiar progressive supranuclear palsy: analysis of FAM5C

Name of the conference: 9th International Conference ADPD 2009



Type of participation: 'Participatory - poster

City of event: Praga, Czech Republic

Date of event: 11/03/2009

End date: 15/03/2009

Organising entity: 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.

26 Title of the work: Análisis del locus responsable de la parálisis supranuclear progresiva familiar

Name of the conference: 2º foro CIBERNED

Type of participation: 'Participatory - poster

City of event: Valencia, Spain

Date of event: 12/12/2008

End date: 15/12/2008

Organising entity: CIBER ENFERMEDADES NEURODEGENERATIVAS (CIBERNED)

Beatriz Águeda Gómez; Juan Ureña Peralta; Vicente Herranz Pérez; Jordi Pérez Tur; Justo García de Yébenes; Fernando Cardona Serrate.

27 Title of the work: Análisis bioinformático de la filogenia de la familia LGI

Name of the conference: Reunión bienal de la Sociedad Española de Neurociencias

Type of participation: 'Participatory - poster

City of event: Valencia, Spain

Date of event: 05/09/2007

End date: 09/09/2007

Organising entity: SOCIEDAD ESPAÑOLA DE NEUROCIENCIA

Fernando Cardona Serrate; Vicente Herranz Pérez; Jose Vicente Sanchez Mut; Jordi Pérez Tur.

28 Title of the work: Genetic improvement of Wine yeast stress resistance by promoter substitution

Name of the conference: XXIV International Specialized Symposium on Yeast

City of event: Oropesa del Mar (Castellón), Spain

Date of event: 28/09/2006

End date: 02/10/2006

Organising entity: International Association of Microbiological Societies . International Yeast Commission.

Fernando Cardona Serrate; Agustín Aranda Fernández; Marcel.lí del Olmo Muñoz.

29 Title of the work: Transcriptional regulation of SPI1 gene at the postdiauxic shift

Name of the conference: 2006 Yeast Genetics and Molecular Biology

Type of participation: 'Participatory - poster

City of event: Princeton (New Jersey), United States of America

Date of event: 25/07/2006

End date: 30/07/2006

Organising entity: Genetics Society of America

Fernando Cardona Serrate; Sylvie Friant; Marcel.lí del Olmo Muñoz; Agustín Aranda Fernández.

30 Title of the work: Transcriptional regulation of SPI1 gene during stationary phase

Name of the conference: Gene Transcription in Yeast

Type of participation: 'Participatory - poster

City of event: Gerona, Spain

Date of event: 29/05/2004

End date: 03/06/2004

Organising entity: EURESCO (ESF)



Fernando Cardona Serrate; Marcel.Í del Olmo Muñoz; Agustín Aranda Fernández.

- 31 Title of the work:** Docencia inversa en prácticas de laboratorio. Desarrollo y autoevaluación de competencias transversales
Name of the conference: INNODOCT19
Corresponding author: Yes
City of event: Valencia, Valencian Community, Spain
End date: 2019
Organising entity: Universidad Politécnica de Valencia
Type of entity: University
City organizing entity: Valencia, Valencian Community, Spain
Fernando Cardona; Juan A. Llorens-Molina.

Works submitted to national or international seminars, workshops and/or courses

- 1 Title of the work:** Identificación y caracterización de una nueva mutación en PGRN causante de DFT
Name of the event: XIV Foro CIBERNED
Corresponding author: Yes
City of event: telematics, Spain
Date of event: 19/09/2020
End date: 20/09/2020
Organising entity: CIBER ENFERMEDADES NEURODEGENERATIVAS (CIBERNED)
City organizing entity: Valencia, Valencian Community, Spain
Fernando Cardona; Jessica Valdivia; Alberto Rábano; Anna Antonell; Jordi Pérez Tur; M^a Dolores Martínez Martínez Lozano Martínez Lozano.
- 2 Title of the work:** Genética Molecular de Enfermedades Neurodegenerativas
Name of the event: Ciclo de Seminarios del Instituto de Biomedicina de Valencia
Date of event: 15/02/2019
Organising entity: Instituto de Biomedicina de Valencia-CSIC
- 3 Title of the work:** Genetics of Neurodegenerative Diseases
Name of the event: Master in Biotechnology and Biomedicine
Date of event: 29/05/2018
Organising entity: Polytechnic University of Valencia
City organizing entity: Valencia, Spain
- 4 Title of the work:** Genetics and Molecular Biology of Neurodegenerative Diseases
Name of the event: High School teacher training program
Date of event: 27/07/2017
Organising entity: CEFIRE-GVA-University of Valencia
- 5 Title of the work:** Use of nucleic acid probes in Biotechnology
Name of the event: High School teacher training program
Date of event: 22/07/2017
Organising entity: CEFIRE-GVA
- 6 Title of the work:** Molecular Biology of Neurodegenerative Diseases
Name of the event: Master in Molecular Biology and Genetics
Date of event: 15/07/2017



Organising entity: University of Valencia

- 7** **Title of the work:** Molecular Genetics of Neurodegenerative Diseases
Name of the event: Master in Biotechnology and Biomedicine
Date of event: 30/05/2016
Organising entity: Polytechnic University of Valencia
- 8** **Title of the work:** Molecular Genetics of Neurodegenerative Diseases
Name of the event: Master in Molecular Biology and Genetics
Date of event: 17/10/2013
Organising entity: University of Valencia
- 9** **Title of the work:** Molecular genetics of Parkinson's Disease
Name of the event: Jornada día mundial del Parkinson
Date of event: 12/04/2013
Organising entity: Asociación Parkinson Valencia
City organizing entity: Valencia, Spain
- 10** **Title of the work:** In silico analysis of the structural impact of mutations in PINK1 and LRRK2 involved in Parkinson's Disease
Name of the event: Seminarios instituto de investigación Viña Giner (IVIÑA)
Date of event: 21/01/2011
Organising entity: Universidad Católica de Valencia **Type of entity:** University
San Vicente Mártir
City organizing entity: Valencia, Spain

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Editorial Board
Primary (UNESCO code): 580200 - Organization and planning of education
Affiliation entity: Biochemistry Insights
City affiliation entity: Berlín, Germany
Start-End date: 2018 - 2019
- 2** **Committee title:** WHRI-ACADEMY. Expert evaluator.
Affiliation entity: William Harvey Research Institute. **Type of entity:** Public Research Body
Marie Curie Actions
City affiliation entity: London, United Kingdom
Start-End date: 2013 - 2018
- 3** **Committee title:** Guest Editor
Affiliation entity: Current protein and peptide science
Type of entity: Scientific journal
Start-End date: 2016 - 2016
- 4** **Committee title:** Editorial board
Affiliation entity: Springerplus
Type of entity: Scientific Journal
Start-End date: 2015 - 2016



- 5** **Committee title:** RBUCE-UP. Expert evaluatr. Junior Projects.
Affiliation entity: UniverSud París **Type of entity:** University
City affiliation entity: París, France
Start-End date: 2012 - 2012
- 6** **Committee title:** Application evaluator
Primary (UNESCO code): 580200 - Organization and planning of education
Affiliation entity: SEPIE. Erasmus+. Ministerio de Universidades
City affiliation entity: Madrid, Spain
Start date: 2019
- 7** **Committee title:** Editorial board
Affiliation entity: Cellular and Molecular Biology **Type of entity:** Scientific journal
Start date: 01/01/2018
- 8** **Committee title:** Application evaluator
Primary (UNESCO code): 580200 - Organization and planning of education
Affiliation entity: DAAD program. German Academic Exchange Service
City affiliation entity: Berlín, Germany
Start date: 2016
- 9** **Committee title:** Review editor
Affiliation entity: Frontiers **Type of entity:** Scientific journal
Start date: 01/04/2015

Evaluation and revision of R&D projects and articles

- 1** **Performed tasks:** Associate Editor
Entity where activity was carried out: SpringerPlus
Start-End date: 2015 - 2016
- 2** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Genetics
Start date: 2019
- 3** **Performed tasks:** Reviewer
Entity where activity was carried out: International Journal of Peptide Research and Therapeutics
Start date: 2019
- 4** **Performed tasks:** Reviewer
Entity where activity was carried out: International Journal of Peptide Research and Therapeutics
Start date: 2019
- 5** **Performed tasks:** Reviewer
Entity where activity was carried out: Cellular Physiology and Biochemistry
Start date: 2018



- 6** **Performed tasks:** Reviewer
Entity where activity was carried out: Cellular and Molecular Biology
Start date: 2018
- 7** **Performed tasks:** Reviewer
Entity where activity was carried out: Cellular and Molecular Biology
Start date: 2018
- 8** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Genetics
Start date: 2018
- 9** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Genetics
Start date: 2018
- 10** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Immunology
Start date: 2018
- 11** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Microbiology
Start date: 2018
- 12** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Neurology
Start date: 2018
- 13** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Pediatrics
Start date: 2018
- 14** **Performed tasks:** Reviewer
Entity where activity was carried out: International Journal of Peptide Research and Therapeutics
Start date: 2018
- 15** **Name of the activity:** Editorial Board
Performed tasks: Reviewer
Entity where activity was carried out: Biochemistry Insights
Start date: 2018
- 16** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Plant Science
Start date: 2017
- 17** **Performed tasks:** Reviewer
Entity where activity was carried out: Current Computer-Aided Drug Design
Start date: 2017



- 18** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Cellular and Infection Microbiology
Start date: 2017
- 19** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Genetics
Start date: 2017
- 20** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Genetics
Start date: 2017
- 21** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Pharmacology
Start date: 2017
- 22** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Plant Science
Start date: 2017
- 23** **Performed tasks:** Guest Editor
Entity where activity was carried out: Current Protein and Peptide Science
Start date: 2016
- 24** **Performed tasks:** Reviewer
Entity where activity was carried out: Computer Methods and Programs in Biomedicine
Start date: 2016
- 25** **Performed tasks:** Reviewer
Entity where activity was carried out: Current Computer-Aided Drug Design
Start date: 2016
- 26** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Aging Neuroscience
Start date: 2016
- 27** **Performed tasks:** Reviewer
Entity where activity was carried out: Frontiers in Genetics
Start date: 2016
- 28** **Performed tasks:** Reviewer
Entity where activity was carried out: International Journal of Peptide Research and Therapeutics
Start date: 2016
- 29** **Performed tasks:** Reviewer
Entity where activity was carried out: International Journal of Peptide Research and Therapeutics
Start date: 2015



- 30** **Performed tasks:** Reviewer
Entity where activity was carried out: Molecular Biology Reports
Start date: 2014
- 31** **Performed tasks:** Reviewer
Entity where activity was carried out: Molecular Neurobiology
Start date: 2014
- 32** **Performed tasks:** Reviewer
Entity where activity was carried out: PLOS ONE
Start date: 2013

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** Université Louis Pasteur - CNRS
Faculty, institute or centre: Institut de Physiologie et de Chimie Biologique
City of entity: Strasbourg, Alsace, France
Start-End date: 01/07/2006 - 30/09/2006 **Duration:** 3 months
Goals of the stay: Doctorate
Provable tasks: Ubiquitination assays in *Saccharomyces cerevisiae*
- 2** **Entity:** Università Degli Studi di Milano **Type of entity:** University
Faculty, institute or centre: Dipartimento di Science Molecolari (DISMA)
City of entity: Milano, Italy
Start-End date: 12/02/2002 - 17/05/2002 **Duration:** 3 months - 5 days
Goals of the stay: Erasmus
Provable tasks: Cloning and overexpression of PA4956 - 360 hours

Obtained grants and scholarships

- 1** **Name of the grant:** University Teachers Training Fellowship (F.P.U.)
Aims: Pre-doctoral
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
Conferral date: 01/01/2002 **Duration:** 3 years - 8 months - 15 days
End date: 15/09/2006
Entity where activity was carried out: Universitat de València
Faculty, institute or centre: Departamento de Bioquímica y Biología Molecular
- 2** **Name of the grant:** Erasmus Grant
Aims: prácticas
Awarding entity: CEE **Type of entity:** CEE
Conferral date: 12/02/2002 **Duration:** 3 months - 5 days
End date: 17/05/2002



Summary of other achievements

- 1** **Description of the achievement:** Accreditation for Associate Professor
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** Public
Conferral date: 2020
- 2** **Description of the achievement:** Accreditation for handling of experimental animals (level C)
Accrediting entity: Universitat de València - Universidad de Salamanca **Type of entity:** University
Conferral date: 2010
- 3** **Description of the achievement:** Course on Molecular evolution, phylogenetics and phylogenomics
Accrediting entity: Centro de Investigación Príncipe Felipe **Type of entity:** Foundation
Conferral date: 2007
- 4** **Description of the achievement:** Advanced diploma in english (B2)
Accrediting entity: Escuela Oficial de Idiomas de Valencia **Type of entity:** OTRO
Conferral date: 2006
- 5** **Description of the achievement:** Teacher Training Course (C.A.P.)
Accrediting entity: Universitat de València **Type of entity:** University
Conferral date: 2006
- 6** **Description of the achievement:** Molecular techniques applied to microbiological analysis of food and water
Accrediting entity: Universidad de León **Type of entity:** University
Conferral date: 2004
- 7** **Description of the achievement:** Valencian Elementary
Accrediting entity: JUNTA CUALIFICADORA DE CONEIXIMENTS DEL VALÈNCIA
Conferral date: 2000