



JOSE LUIS VENERO RECIO

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Summary of CV

This section describes briefly a summary of your career in science, academic and research; the main scientific and technological achievements and goals in your line of research in the medium -and long- term. It also includes other important aspects or peculiarities.

Dr. José Luis Venero obtained his Bachelor of Pharmacy in 1986, and obtained the Doctor degree in 1990 from the University of Seville. He then joined the laboratory of Professor Franz Hefti at the Andrus Gerontology Center at the University of Southern California where he completed his postdoctoral training. During that time (1992-1993), Dr. Venero studied the neuroprotective properties of neurotrophins, especially NGF and BDNF in different models of neurodegeneration. Currently, Dr. Venero is Professor of Biochemistry and Molecular Biology at the University of Seville and Principal Investigator of the Neuronal Aging Group of the Institute of Biomedicine of Seville (IBIS). (<https://www.ibis-sevilla.es/investigacion/neurociencias/envejecimiento-neuronal.aspx>). He has also been a member of the Editorial Board of the Journal of Neurochemistry ([http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1471-4159/homepage/EditorialBoard.html#JoseL.Venero](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1471-4159/homepage/EditorialBoard.html#JoseL.Venero)). Dr. Venero has participated as a Scientific Expert in the SAF 2016 SP4 Commission for Project Evaluation of the National Research Plan (Excellence and Challenges) managed by the Ministry of Economy and Competitiveness (Spain). Likewise, he participates as an evaluator of ANEP projects. Since 2003, Dr. Venero has obtained uninterrupted Public Grant Funding from the Spanish Government, specifically from the Ministries of Science and Technology, Education and Science and Economy and Competitiveness. In addition, he has obtained Financing from the Junta de Andalucía within the Excellence Projects Program. At the international level, Dr. Venero has received two projects from the Michael J. Fox Foundation for Parkinson's Research (<https://www.michaeljfox.org/foundation/researchers.php?id=1269>). The first project was co-directed with Dr. Bertrand Joseph of the Karolinska Institute in Stockholm, with whom we have been collaborating intensively since 2007. The second was co-directed with Dr. Tomas Deierborg from Lund University. As a result of the collaboration with Dr. Joseph, we identified non-apoptotic functions of killer caspases 8, 3 and 7 in the control of pro-inflammatory neurotoxic activation of microglia, which gained international recognition with its publication as a "full article" in Nature (PMID: 21389984) and "Universidad de Sevilla-Endesa 2011" Prize to the work with the greatest impact in the General Research Services. Dr. Venero's research work has been aimed at understanding the molecular basis of neurodegeneration and neuroinflammation. He has published more than 100 articles in international journals, which have received more than 3500 citations, and an index h of 36 (Web of Science and Scopus). Dr. Venero maintains active international collaborations with Prof. Bertrand Joseph (Karolinska Institutet, Sweden), Dr. Tomas Deierborg (University of Lund, Sweden), Prof. Guy Brown (University of Cambridge, UK), Prof. William James (University of Oxford, UK), Prof Nicola R. Sibon (University of Oxford, UK) and Dr. Nabil Hajji (Imperial College, UK).



General quality indicators of scientific research

This section describes briefly the main quality indicators of scientific production (periods of research activity, experience in supervising doctoral theses, total citations, articles in journals of the first quartile, H index...). It also includes other important aspects or peculiarities.

- **Sexenios de investigación:** 5 (último concedido: **2011-2016**)
- **Tesis Doctorales Dirigidas (Doctoral thesis last 10 years) (últimos 10 años):** 5
- **Citas Totales:** 3927 (Web of Science), 4147 (Scopus), 5720 (Scholar)
- **Promedio de citas/año últimos 5 años:** 279 (Fuente: Web of Science), 287 (Scopus), 395 (Scholar)
- **Publicaciones totales en primer cuartil (Q1):** 61
- **Índice h:** 37 (Web of Science), 37 (Scopus), 42 (Scholar)
- **Investigador Principal de Proyectos del Ministerio de Economía y Competitividad, Junta de Andalucía (Proyectos de Excelencia) y Michael J Fox Foundation for Parkinson's Research de forma ininterrumpida desde el año 2003**

**JOSE LUIS VENERO RECIO**

Surname(s): **VENERO RECIO**
 Name: **JOSE LUIS**
 ORCID: **0000-0003-1137-8706**
 ScopusID: **7003348987**
 ResearcherID: **E-9979-2015**
 Date of birth: **03/06/1963**
 Gender: **Male**
 Nationality: **Spain**
 Country of birth: **Spain**
 Aut. region/reg. of birth: **Extremadura**
 Contact province: **Seville**
 City of birth: **Badajoz**
 Contact address: **Institute of Biomedicine of Seville**
 Postcode: **41012**
 Contact country: **Spain**
 Contact aut. region/reg.: **Andalusia**
 Contact city: **Seville**
 Email: **jlvenero@us.es**

Current professional situation

Employing entity: Universidad de Sevilla **Type of entity:** University

Department: Bioquímica y Biología Molecular, Facultad de Farmacia

Professional category: CATEDRÁTICO DE UNIVERSIDAD

City employing entity: Sevilla, Andalusia, Spain

Phone: 954231337

Start date: 30/07/2010

Type of contract: Permanent employment contract **Dedication regime:** Full time

Primary (UNESCO code): 249000 - Neurosciences

Secondary (UNESCO code): 240300 - Biochemistry

Performed tasks: -Investigador Responsable del Instituto de Biomedicina de Sevilla, concretamente del Grupo Envejecimiento Neuronal

(<https://www.ibis-sevilla.es/investigacion/neurociencias/envejecimiento-neuronal.aspx>) -Investigador Responsable del Grupo de Investigación BIO 113 de Junta de Andalucía (Consejería de Innovación, Ciencia y Empresas) - Miembro del Comité Editorial de la revista Journal of Neurochemistry ([http://onlinelibrary.wiley.com/journal/10.1111/\(ISSN\)1471-4159/homepage/EditorialBoard.html](http://onlinelibrary.wiley.com/journal/10.1111/(ISSN)1471-4159/homepage/EditorialBoard.html))

Employing entity: INSTITUTO DE BIOMEDICINA DE SEVILLA **Type of entity:** State agency

Department: GRUPO DE ENVEJECIMIENTO NEURONAL, Programa de Neurociencias

Professional category: Investigador Responsable

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad de Sevilla	Profesor Titular Universidad	31/03/2000
2	Universidad de Sevilla	Profesor Asociado	01/10/1998
3	Ministerio de Educación y Ciencia	Contrato de Reincorporación	01/11/1997
4	Junta de Andalucía	Becario Postdoctoral	01/02/1997
5	Ministerio de Educación y Ciencia	Contrato de Reincorporación	01/04/1995
6	Universidad de Sevilla	Beca Postdoctoral	01/02/1995
7	Ministerio de Educación y Ciencia	Contrato de Reincorporación	01/12/1993
8	Ministerio de Educación y Ciencia	Becario Postdoctoral MEC extranjero	01/12/1991
9	Ministerio de Educación y Ciencia	Becario de Perfeccionamiento de Doctores y Tecnólogos	01/01/1991
10	Junta de Andalucía	Becario de Investigación F.P.I.	01/03/1987

- 1** **Employing entity:** Universidad de Sevilla **Type of entity:** University
Professional category: Profesor Titular Universidad
Start-End date: 31/03/2000 - 29/07/2010 **Duration:** 10 years - 5 months - 29 days
- 2** **Employing entity:** Universidad de Sevilla **Type of entity:** University Department
Professional category: Profesor Asociado
Start-End date: 01/10/1998 - 30/03/2000 **Duration:** 1 year - 6 months
- 3** **Employing entity:** Ministerio de Educación y Ciencia **Type of entity:** University Department
Professional category: Contrato de Reincorporación
Start-End date: 01/11/1997 - 30/09/1998 **Duration:** 11 months
- 4** **Employing entity:** Junta de Andalucía **Type of entity:** University Department
Professional category: Becario Postdoctoral
Start-End date: 01/02/1997 - 31/10/1997 **Duration:** 9 months
- 5** **Employing entity:** Ministerio de Educación y Ciencia **Type of entity:** University Department
Professional category: Contrato de Reincorporación
Start-End date: 01/04/1995 - 31/01/1997 **Duration:** 1 year - 10 months
- 6** **Employing entity:** Universidad de Sevilla **Type of entity:** University Department
Professional category: Beca Postdoctoral
Start-End date: 01/02/1995 - 31/03/1995 **Duration:** 2 months
- 7** **Employing entity:** Ministerio de Educación y Ciencia **Type of entity:** University Department
Professional category: Contrato de Reincorporación
Start-End date: 01/12/1993 - 31/01/1995 **Duration:** 1 year - 2 months
- 8** **Employing entity:** Ministerio de Educación y Ciencia **Type of entity:** University
Professional category: Becario Postdoctoral MEC extranjero
Start-End date: 01/12/1991 - 30/11/1993 **Duration:** 2 years



- 9** **Employing entity:** Ministerio de Educación y Ciencia **Type of entity:** University Department
Professional category: Becario de Perfeccionamiento de Doctores y Tecnólogos
Start-End date: 01/01/1991 - 30/11/1991 **Duration:** 11 months
- 10** **Employing entity:** Junta de Andalucía **Type of entity:** Departamento de Bioquímica de la Universidad de Sevilla
Professional category: Becario de Investigación F.P.I.
Start-End date: 01/03/1987 - 31/12/1990 **Duration:** 3 years - 10 months



Education

University education

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

University degree: Higher degree

Name of qualification: Licenciado en Farmacia

Degree awarding entity: Universidad de Sevilla

Date of qualification: 1986

Type of entity: University

Doctorates

Doctorate programme: Farmacia

Degree awarding entity: UNIVERSIDAD DE SEVILLA. BIOQUÍMICA, BROMATOLOGÍA TOXICOLOGÍA Y MEDICINA LEGAL

Date of degree: 1990

Thesis title: ESTUDIO DEL METABOLISMO DE LAS AMINAS BIOGENAS DURANTE EL DESARROLLO Y ENVEJECIMIENTO EN DIFERENTES ESTRUCTURAS DEL SISTEMA NERVIOSO CENTRAL

Thesis director: Cano-Garcia, Josefina

Obtained qualification: SOBRESALIENTE CUM LAUDE

Type of entity: University

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English		C1	C1	C1	C1

Teaching experience

Experience supervising doctoral thesis and/or final year projects

- Project title:** Papel de la galectina-3 en la respuesta inmune y en la pérdida neuronal asociada a un modelo murino de daño cerebral traumático

Entity: Universidad de Sevilla

Student: Alejandro Carrillo Jimenez

Date of reading: 20/07/2018

Type of entity: University
- Project title:** Studies on caspase signaling in microglia

Entity: Karolinska Institutet, Sweden

Student: Johanna Rodhe

Date of reading: 08/04/2016



- 3** **Project title:** A dual Tool. The role of the ripoptosome in phagocytic cell activation and differentiation
Entity: Universidad de Sevilla **Type of entity:** University
Student: María José Oliva Martin
Date of reading: 19/10/2015
- 4** **Project title:** BIOCHEMICAL AND MOLECULAR BASES OF THE CELL DEATH IN THE NEUROINFLAMMATORY MODEL OF PARKINSON'S DISEASE INDUCED BY LPS
Type of project: Doctoral thesis
Entity: UNIVERSIDAD DE SEVILLA. BIOQUÍMICA Y BIOLOGÍA MOLECULAR
Student: MIGUEL ANGEL BURGUILLOS GARCÍA
Obtained qualification: SOBRESALIENTE CUM LAUDE
Date of reading: 2009
- 5** **Project title:** REGULACIÓN DE LA EXPRESIÓN DE BDNF EN LOS GANGLIOS BASALES EN DISTINTOS MODELOS DE LA ENFERMEDAD DE HUNTINGTON.
Type of project: Doctoral thesis
Entity: UNIVERSIDAD DE SEVILLA. BIOQUÍMICA, BROMATOLOGÍA TOXICOLOGÍA Y MEDICINA LEGAL
Student: INMACULADA RITE ZAMBRANO
Obtained qualification: SOBRESALIENTE CUM LAUDE
Date of reading: 2004
- 6** **Project title:** ESTUDIO DEL PROCESO NEURODEGENERATIVO EN EL ESTRIADO DE LA RATA INDUCIDO MEDIANTE LA INHIBICIÓN DEL METABOLISMO ENERGÉTICO MITOCONDRIAL
Type of project: Doctoral thesis
Entity: UNIVERSIDAD DE SEVILLA. BIOQUÍMICA, BROMATOLOGÍA TOXICOLOGÍA Y MEDICINA LEGAL
Student: MAYKA TOMAS CAMARDIEL
Obtained qualification: SOBRESALIENTE CUM LAUDE
Date of reading: 2002
- 7** **Project title:** ESTUDIO DEL PROCESO DE MUERTE CELULAR EN LA NEURODEGENERACIÓN PROVOCADA POR LA AXOTOMIA Y EL ACIDO KAINICO
Type of project: Doctoral thesis
Entity: UNIVERSIDAD DE SEVILLA. BIOQUÍMICA, BROMATOLOGÍA TOXICOLOGÍA Y MEDICINA LEGAL
Student: MATILDE REVUELTA GONZALEZ
Obtained qualification: SOBRESALIENTE CUM LAUDE
Date of reading: 1998



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:** MODULACIÓN DE LA ACTIVACIÓN MICROGLIAL ASOCIADA A NEURODEGENERACIÓN. RELEVANCIA EN ENFERMEDADES NEURODEGENERATIVAS
Entity where project took place: INSTITUTO DE BIOMEDICINA DE SEVILLA **Type of entity:** State agency
City of entity: SEVILLA, Andalusia, Spain
Name principal investigator (PI, Co-PI....): JOSE LUIS VENERO RECIO
Nº of researchers: 6
Start-End date: 01/01/2021 - 31/12/2023
Total amount: 140.352 €
- 2** **Name of the project:** PAPEL DE LA GALECTINA-3 EN EL ENVEJECIMIENTO NEURONAL
Entity where project took place: INSTITUTO DE BIOMEDICINA DE SEVILLA **Type of entity:** State agency
City of entity: SEVILLA, Andalusia, Spain
Name principal investigator (PI, Co-PI....): JOSE LUIS VENERO RECIO
Nº of researchers: 5
Funding entity or bodies: Junta de Andalucía (Consejería de Economía y Conocimiento) **Type of entity:** Public Research Body
City funding entity: Sevilla, Andalusia, Spain
Start-End date: 01/02/2020 - 31/01/2022
Total amount: 70.000 €
- 3** **Name of the project:** Papel de la Galectina-3 en la respuesta inmune asociada a enfermedades del sistema nervioso central. Implicación en enfermedades neurodegenerativas y glioblastoma multiforme
Entity where project took place: INSTITUTO DE BIOMEDICINA DE SEVILLA **Type of entity:** State agency
City of entity: Sevilla, Andalusia, Spain
Nº of researchers: 8
Funding entity or bodies: Ministerio de Ciencia, Innovación y Universidades **Type of entity:** State agency
City funding entity: Spain
Start-End date: 01/01/2019 - 31/12/2021
Total amount: 193.600 €
- 4** **Name of the project:** A novel immunotherapy against brain metastasis
Entity where project took place: Departamento de Bioquímica y Biología Molecular (USE)
City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI....): Jose Luis Venero Recio; Manuel Sarmiento Soto
Nº of researchers: 2

**Funding entity or bodies:**

Horizon 2020 Framework Programme, European Commission, Research Executive Agency. Marie Curie Actions. GrantAgreement (GA) No: 795695

Start-End date: 01/02/2019 - 31/01/2021

Total amount: 170.121,6 €

- 5 Name of the project:** Funciones apoptoticas y no apoptoticas de las caspasas asesinas en el sistema nervioso central en condiciones normales y patologicas

Entity where project took place: INSTITUTO DE BIOMEDICINA DE SEVILLA **Type of entity:** State agency

City of entity: SEVILLA, Andalusia, Spain

Name principal investigator (PI, Co-PI....): JOSE LUIS VENERO RECIO; ROCIO MARTINEZ DE PABLOS

Nº of researchers: 8

Funding entity or bodies:

MINISTERIO DE ECONOMIA Y COMPETITIVIDAD **Type of entity:** State agency

City funding entity: Madrid, Spain

Type of participation: Principal investigator

Start-End date: 01/01/2016 - 31/12/2018

Total amount: 275.880 €

- 6 Name of the project:** Role of galectin 3 in Parkinson's disease pathogenesis

Entity where project took place: INSTITUTO DE BIOMEDICINA DE SEVILLA **Type of entity:** State agency

City of entity: SEVILLA, Andalusia, Spain

Name principal investigator (PI, Co-PI....): JOSE LUIS VENERO RECIO

Nº of researchers: 5

Funding entity or bodies:

THE MICHAEL J. FOX FOUNDATION FOR PARKINSON'S RESEARCH **Type of entity:** Foundation

City funding entity: NUEVA YORK, United States of America

Type of participation: Principal investigator

Start-End date: 22/12/2015 - 21/12/2016

Total amount: 92.950 €

- 7 Name of the project:** Estudio de los mecanismos moleculares que regulan la inflamación cerebral y la longevidad

Type of project: Basic research (including archaeological digs, etc) **Geographical area:** Regional

Degree of contribution: Coordinator of total project, network or consortium

Entity where project took place: Departamento de Bioquímica y Biología Molecular (USE)

City of entity: Sevilla, Andalusia, Spain

Name principal investigator (PI, Co-PI....): JOSE LUIS VENERO RECIO

Nº of researchers: 9

Nª people/year: 9

Type of participation: Principal investigator

Name of the programme: PROYECTOS DE EXCELENCIA, JUNTA DE ANDALUCÍA

Code according to the funding entity: CTS-6494

Start-End date: 01/09/2011 - 30/04/2016

Duration: 1460 days

Total amount: 294.652 €



- 8** **Name of the project:** Papel de la Caspasa-8 en el Proceso de Inflamación Cerebral Asociado a la Neurodegeneración
Type of project: Basic research (including archaeological digs, etc) **Geographical area:** National
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: INSTITUTO DE BIOMEDICINA DE SEVILLA **Type of entity:** State agency
City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI...): JOSE LUIS VENERO RECIO; Martiniano Santiago Pavón; Albert Garcia Quintanilla; Luz Marina Hernandez Batuecas; Maria Jose Oliva Fernandez
Nº of researchers: 5 **Nª people/year:** 5
Funding entity or bodies: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD
Type of participation: Principal investigator
Name of the programme: MINISTERIO DE ECONOMÍA Y COMPETITIVIDAD. SUBPROGRAMA DE PROYECTOS DE INVESTIGACIÓN FUNDAMENTAL NO ORIENTADA. CONVOCATORIA 2012
Code according to the funding entity: SAF2012-39029
Start-End date: 01/01/2013 - 31/12/2015 **Duration:** 2 years - 1094 days
Total amount: 131.000 €
Dedication regime: Full time
Applicant's contribution: Investigador Principal
- 9** **Name of the project:** Caspase-8 control microglia activation and neurotoxicity in Parkinson's Disease
Geographical area: Non EU International
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Departamento de Bioquímica y Biología Molecular (USE)
City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI...): JOSE LUIS VENERO RECIO; BERTRAND JOSEPH; Miguel Angel Burguillos Garcia; Edel Kavanagh; Johanna Rodhe
Nº of researchers: 5
Funding entity or bodies: Michael J Fox Foundation for Parkinson's Research **Type of entity:** Foundation
City funding entity: New York, United States of America
Type of participation: Principal investigator
Name of the programme: THE MICHAEL J FOX FOUNDATION FOR PARKINSONS RESEARCH
Code according to the funding entity: Target Validation 2011
Start-End date: 01/12/2011 - 06/2013 **Duration:** 730 days
Total amount: 189.077,5 €
Applicant's contribution: Proyecto co-dirigido con el Dr. Bertrand Joseph (Karolinska Institutet; Department of Oncology-Pathology, R8:03 Karolinska Hospital. Estocolmo. Suecia
- 10** **Name of the project:** Acceso a la tecnología mesoscale discovery como herramienta analítica en los campos de inflamación, toxicología, neurodegeneración y metabolismo de la Universidad de Sevilla
Geographical area: European Union
Entity where project took place: Universidad de Sevilla **Type of entity:** University
City of entity: Sevilla, Andalusia, Spain
Name principal investigator (PI, Co-PI...): Jose Luis Venero Recio; Javier Vitorica Ferrandez; Juan Dionisio Bautista Palomas; Ana Ilundain Larrañeta; Daniel Torres Lagares; Virginia Motilva Sanchez
Nº of researchers: 6
Funding entity or bodies:



Subdirección General de Fondos Europeos para la Investigación. Subprograma Estatal "Proyectos de Infraestructura Científicas y Técnicas y de Equipamiento cofinanciados por el FEDER.

Type of participation: Co-ordinator

Name of the programme: FEDER. "Proyectos de Infraestructura Científicas y Técnicas y de Equipamiento cofinanciados por el FEDER.

Code according to the funding entity: UNSE13-1E-1995

Start date: 2014

Total amount: 43,56 €

11 Name of the project: Estudio de los cambios que experimentan con el envejecimiento las rutas que

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): ALBERTO MACHADO DE LA QUINTANA

Nº of researchers: 13

Funding entity or bodies:

JUNTA ANDALUCÍA

Start date: 03/03/2011

Duration: 1461 days

12 Name of the project: implicacion del estres cronico y la actividad DEVDasa en el mecanismo de activacion microglial. Relevancia en el proceso de inflamacion cerebral

Type of project: Basic research (including archaeological digs, etc)

Geographical area: National

Degree of contribution: Coordinator of total project, network or consortium

Name principal investigator (PI, Co-PI....): JOSE LUIS VENERO RECIO

Nº of researchers: 5

Nª people/year: 5

Type of participation: Principal investigator

Name of the programme: OTROS PROGRAMAS DEL PLAN NACIONAL I+D, MINISTERIO DE CIENCIA Y TECNOLOGÍA

Code according to the funding entity: SAF2009-13778

Start date: 01/01/2010

Duration: 1095 days

Total amount: 84.699,99 €

Dedication regime: Full time

13 Name of the project: AYUDA A LA CONSOLIDACION DEL GRUPO DE INVESTIGACION BIO-113

Geographical area: Regional

Name principal investigator (PI, Co-PI....): JOSE LUIS VENERO RECIO

Nº of researchers: 7

Name of the programme: INCENTIVOS PARA LA MEJORA DE INFRAESTRUCTURAS, EQUIPAMIENTO Y FUNCIONAMIENTO (NO INSTITUCIONALES), JUNTA DE ANDALUCÍA

Start date: 01/01/2009

Duration: 719 days

Total amount: 119.999,99 €

14 Name of the project: AYUDA A LA CONSOLIDACION DEL GRUPO DE INVESTIGACION BIO-113

Geographical area: Regional

Name principal investigator (PI, Co-PI....): JOSE LUIS VENERO RECIO

Nº of researchers: 7

Name of the programme: INCENTIVOS PARA LA MEJORA DE INFRAESTRUCTURAS, EQUIPAMIENTO Y FUNCIONAMIENTO (NO INSTITUCIONALES), JUNTA DE ANDALUCÍA

Start date: 01/09/2007

Duration: 1033 days

Total amount: 119.999,99 €



- 15** **Name of the project:** ESTUDIO DEL PAPEL DEL PROTEOSOMA Y LA BARRERA HEMATOENCEFÁLICA EN MODELOS ANIMALES DE LA ENFERMEDAD DE PARKINSON
Geographical area: National
Name principal investigator (PI, Co-PI....): JOSE LUIS VENERO RECIO
Nº of researchers: 3
Name of the programme: OTROS PROGRAMAS DEL PLAN NACIONAL I+D, MINISTERIO DE CIENCIA Y TECNOLOGÍA
Start date: 01/10/2006 **Duration:** 1095 days
Total amount: 133.100 €
- 16** **Name of the project:** ESTUDIO DE POSIBLES MECANISMOS CELULARES DE MUERTE CELULAR EN LA ENFERMEDAD DE PARKINSON, BÚSQUEDA DE TERAPIAS NEUROPROTECTORAS DEL SISTEMA DOPAMINÉRGICO NIGRO-ESTRIADO
Geographical area: National
Name principal investigator (PI, Co-PI....): JOSE LUIS VENERO RECIO
Nº of researchers: 5
Name of the programme: OTROS PROGRAMAS DEL PLAN NACIONAL I+D, MINISTERIO DE CIENCIA Y TECNOLOGÍA
Start date: 15/11/2003 **Duration:** 1096 days
Total amount: 104.950 €
- 17** **Name of the project:** IMPLICACIÓN DEL AUMENTO DE PRODUCCIÓN ENDÓGENA DE RADICALES LIBRES Y LA INFLAMACIÓN EN LA DEGENERACIÓN DEL SISTEMA DOPAMINÉRGICO DE LA SUSTANCIA NEGRA
Geographical area: National
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): ALBERTO MACHADO DE LA QUINTANA
Nº of researchers: 5
Name of the programme: OTROS PROGRAMAS, MINISTERIO DE EDUCACIÓN Y CIENCIA
Start date: 01/08/1999 **Duration:** 1096 days
Total amount: 48.080,96 €
- 18** **Name of the project:** BIOQUÍMICA DEL ENVEJECIMIENTO: ESTUDIO DEL DAÑO OXIDATIVO EN DIFERENTES PROCESOS: A) MECANISMO DE PROTECCIÓN DEL DEPRENILO. B) NEUROTOXICIDAD DEL MPP+. C) ISOFORMAS DE LA APOE:
Geographical area: National
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): ALBERTO MACHADO DE LA QUINTANA
Nº of researchers: 6
Name of the programme: FONDO DE INVESTIGACIÓN SANITARIA (FIS), MINISTERIO DE CIENCIA E INNOVACIÓN
Start date: 01/01/1994 **Duration:** 1825 days
Total amount: 11.000 €

**R&D non-competitive contracts, agreements or projects with public or private entities**

- 1** **Name of the project:** CONTRATO DE TRABAJO DE OBRA O SERVICIO PARA LA REALIZACION DE UN PROYECTO DE INVESTIGACION (AYUDA A LA CONSOLIDACION DE GRUPOS. CONVOCATORIA 2008)
Geographical area: Regional
Name principal investigator (PI, Co-PI....): ANTONIO AYALA GOMEZ; JOSE LUIS VENERO RECIO
Nº of researchers: 3
Start date: 22/07/2009 **Duration:** 91 days
Total amount: 3.602,52 €
Relevant results: REALIZACION DE TECNICAS INMUNOCITOQUIMICAS TANTO IN VIVO COMO IN VITRO. TECNICAS DE BIOLOGIA MOLECULAR PARA ESTUDIO DE EFECTO DE DROGAS COMO LA TROMBINA Y EL LIPOPOLISACARIDO DE LA PARED DE LAS BACTERIAS GRAM NEGATIVAS SOBRE ESTRUCTURAS DEL CEREBRO
- 2** **Name of the project:** CONTRATO DE TRABAJO DE OBRA O SERVICIO PARA LA REALIZACION DE UN PROYECTO DE INVESTIGACION (AYUDA A LA CONSOLIDACION DE GRUPOS. CONVOCATORIA 2007)
Geographical area: Regional
Name principal investigator (PI, Co-PI....): JOSE LUIS VENERO RECIO
Nº of researchers: 2
Start date: 21/04/2009 **Duration:** 91 days
Total amount: 4.000 €
Relevant results: REALIZACION DE TECNICAS INMUNOCITOQUÍMICAS TANTO IN VIVO COMO IN VITRO, DE BIOLOGÍA MOLECULAR QUE AYUDEN A ESTUDIAR EL EFECTO DE DROGAS COMO LA TROMBINA Y EL LIPOPOLISACARIDO DE LA PARED DE LAS BACTERIAS GRAM NEGATIVAS SOBRE ESTRUCTURAS DEL CEREBRO

Scientific and technological activities**Scientific production****Publications, scientific and technical documents**

- 1** Marta Gallardo-Fernandez; Ruth Hornedo-Ortega; Isabel M. Alonso-Bellido; Jose A. Rodriguez-Gomez; Ana M. Troncoso; M. Carmen Garcia-Parrilla; Jose L. Venero; Ana M. Espinosa-Oliva; Rocio M. de Pablos. Hydroxytyrosol Decreases LPS- and alpha-Synuclein-Induced Microglial Activation In Vitro. ANTIOXIDANTS. 9 - 1, 01/2020.
Type of production: Scientific paper **Format:** Journal
- 2** Juan Garcia-Revilla; Isabel M. Alonso-Bellido; Miguel A. Burguillos; Antonio J. Herrera; Ana M. Espinosa-Oliva; Rocio Ruiz; Luis Cruz-Hernandez; Irene Garcia-Dominguez; Maria A. Roca-Ceballos; Marti Santiago; Jose A. Rodriguez-Gomez; Manuel Sarmiento Soto; Rocio M. de Pablos; Jose L. Venero. Reformulating Pro-Oxidant Microglia in Neurodegeneration. JOURNAL OF CLINICAL MEDICINE (senior author). 8 - 10, 10/2019.
Type of production: Scientific paper **Format:** Journal
- 3** Alejandro Carrillo-Jimenez; Ozgen Deniz; Maria Victoria Niklison-Chirou; Rocio Ruiz; Karina Bezerra-Salomao; Vassilis Stratoulis; Rachel Amouroux; Ping Kei Yip; Anna Vilalta; Mathilde Cheray; Alexander Michael Scott-Egerton; Eloy Rivas; Khadija Tayara; Irene Garcia-Dominguez; Juan Garcia-Revilla; Juan Carlos



Fernandez-Martin; Ana Maria Espinosa-Oliva; Xianli Shen; Peter St George-Hyslop; Guy Charles Brown; Petra Hajkova; Bertrand Joseph; Jose Luis Venero; Miguel Ramos Branco; Miguel Angel Burguillos. TET2 Regulates the Neuroinflammatory Response in Microglia. CELL REPORTS (senior author). 29 - 3, pp. 697+ - 697+. 10/2019. ISSN 2211-1247

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Type of production: Scientific paper

Format: Journal

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- 110** J L Venero; M Santiago; A Machado; J Cano. Determination of monoamines and both forms of monoamine oxidase in the rat's substantia nigra during postnatal development. *Life sciences*. 45 - 14, pp. 1277 - 1360. 1989. ISSN 0024-3205
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Works submitted to national or international conferences

- 1** **Title of the work:** PERIPHERAL INFLAMMATION ENHANCES LIPOPOLYSACCHARIDE-INDUCED DAMAGE TO THE NIGROSTRIATAL DOPAMINERGIC SYSTEM: POSSIBLE IMPLICATION IN PARKINSON'S DISEASE
Name of the conference: 7 TH FENS FORUM OF EUROPEAN NEUROSCIENCE (7) (7.2010.AMSTERDAM)
Type of event: Conference **Geographical area:** Others
City of event: AMSTERDAM,
Date of event: 2010
MANUEL SARMIENTO SOTO; ANA MARIA ESPINOSA OLIVA; MARIA JOSE DELGADO CORTES; SANDRO ARGÚELLES CASTILLA; ROCIO MARTINEZ DE PABLOS; RUTH FERNANDEZ VILLARAN; Van-Rooijen, N.; JOSE LUIS VENERO RECIO; ANTONIO JOSE HERRERA CARMONA; JOSEFINA CANO GARCIA; ALBERTO MACHADO DE LA QUINTANA.
- 2** **Title of the work:** BIOMARKERS IN ANIMAL MODEL OF PARKINSON'S DISEASE-RELATIONSHIP OF CEREBROSPINAL FLUID AND PLASMA
Name of the conference: HUPO 8TH ANNUAL WORD CONGRESE (8) (8.2009.TORONTO, CANADA)
Type of event: Conference **Geographical area:** Non EU International
City of event: TORONTO, CANADA,
Date of event: 2009
SANDRO ARGÚELLES CASTILLA; JOSE LUIS VENERO RECIO; SONIA GARCIA RODRIGUEZ; MAYKA TOMAS CAMARDIEL; ANTONIO AYALA GOMEZ; JOSEFINA CANO GARCIA; ALBERTO MACHADO DE LA QUINTANA.
- 3** **Title of the work:** DIVERGENT REGULATION OF BDNF MRNA EXPRESSING CELLS IN SUBSTANTIA NIGRA AND CEREBRAL CORTEX INNERVATING THE STRIATUM
Name of the conference: CONGRESS OF THE SPANISH SOCIETY OF PHYSIOLOGICAL SCIENCES (33.2005.SEVILLA, ESPAÑA)
Type of event: Conference **Geographical area:** Others
City of event: Santander (ESPAÑA),
Date of event: 2005
INMACULADA RITE ZAMBRANO; ALBERTO MACHADO DE LA QUINTANA; JOSEFINA CANO GARCIA; JOSE LUIS VENERO RECIO. "DIVERGENT REGULATION OF BDNF MRNA EXPRESSING CELLS IN SUBSTANTIA NIGRA AND CEREBRAL CORTEX INNERVATING THE STRIATUM". En: XXXIII CONGRESS THE SPANISH SOCIETY OF PHYSIOLOGICAL SCIENCES A SPONSORED SYMPOSIA IN ASSOCIATION



WITH THE PHYSIOLOGICAL SOCIETY (UK AND EIRE) AND THE DUTCH SOCIETY OF PYSIOLOGY. pp. 12 - 12.

- 4** **Title of the work:** REGULATION OF AQUOPORIN-4 EXPRESSION IN THE MODEL OF PARKINSON'S DISEASE INDUCED BY INTRANIGRAL INJECTION OF LIPOPOLYSACCHARIDE
Name of the conference: XXXIII CONGRESS OF THE SPANISH SOCIETY OF PHYSIOLOGICAL SCIENCES IN ASSOCIATION WITH THE PHYSIOLOGICAL SOCIETY (UK AND EIRE) AND THE DUTCH SOCIETY OF PHYSIOLOGY

Type of event: Conference

Geographical area: Non EU International

City of event: SEVILLA, SPAIN,

Date of event: 2005

INMACULADA RITE ZAMBRANO; MAYKA TOMAS CAMARDIEL; ROCIO MARTINEZ DE PABLOS; JOSE LUIS VENERO RECIO; Machado-, Alberto; Cano-,Josefina. "REGULATION OF AQUOPORIN-4 EXPRESSION IN THE MODEL OF PARKINSON'S DISEASE INDUCED BY INTRANIGRAL INJECTION OF LIPOPOLYSACCHARIDE". En: XXXIII CONGRESS OF THE SPANISH SOCIETY OF PHYSIOLOGICAL SCIENCES IN ASSOCIATION WITH THE PHYSIOLOGICAL SOCIETY (UK AND EIRE) AND THE DUTCH SOCIETY OF PHYSIOLOGY. pp. 13 - 13.

- 5** **Title of the work:** REGULATION OF AQUOPORIN-4 EXPRESSION IN THE MODEL OF PARKINSON'S DISEASE INDUCED BY INTRANIGRAL INJECTION OF LIPOPOLYSACCHARIDE
Name of the conference: CONGRESS OF THE SPANISH SOCIETY OF PHYSIOLOGICAL SCIENCES (33.2005.SEVILLA, ESPAÑA)

Type of event: Conference

Geographical area: Others

City of event: Santander (ESPAÑA),

Date of event: 2005

INMACULADA RITE ZAMBRANO; MAYKA TOMAS CAMARDIEL; ROCIO MARTINEZ DE PABLOS; JOSE LUIS VENERO RECIO; Machado-, Alberto; JOSEFINA CANO GARCIA.

- 6** **Title of the work:** POTENTIAL NEUROPROTECTANT ACTIVITY OF MINOCYCLINE IN AN ANIMAL MODEL OF PARKINSON'S DISEASE INDUCED BY INTRANIGRAL INJECTION OF LIPOPOLYSACCHARIDE
Name of the conference: 4TH FORUM OF EUROPEAN NEUROSCIENCE () (.2004.LISBOA)

Type of event: Conference

Geographical area: Non EU International

City of event: LISBOA,

Date of event: 2004

MAYKA TOMAS CAMARDIEL; INMACULADA RITE ZAMBRANO; ANTONIO JOSE HERRERA CARMONA; JOSEFINA CANO GARCIA; ALBERTO MACHADO DE LA QUINTANA; JOSE LUIS VENERO RECIO. "POTENTIAL NEUROPROTECTANT ACTIVITY OF MINOCYCLINE IN AN ANIMAL MODEL OF PARKINSON'S DISEASE INDUCED BY INTRANIGRAL INJECTION OF LIPOPOLYSACCHARIDE". En: FENS FORUM 2004. pp. 1 - 2.

- 7** **Title of the work:** POTENTIAL NEUROPROTECTANT ACTIVITY OF MINOCYCLINE IN AN ANIMAL MODEL OF PARKINSON'S DISEASE INDUCED BY INTRANIGRAL INJECTION OF LIPOPOLYSACCHARIDE
Name of the conference: 4TH FORUM OF EUROPEAN NEUROSCIENCE () (.2004.LISBOA)

Type of event: Conference

Geographical area: Non EU International

City of event: LISBOA,

Date of event: 2004

MAYKA TOMAS CAMARDIEL; INMACULADA RITE ZAMBRANO; ANTONIO JOSE HERRERA CARMONA; JOSEFINA CANO GARCIA; Machado-, Alberto; JOSE LUIS VENERO RECIO. "POTENTIAL NEUROPROTECTANT ACTIVITY OF MINOCYCLINE IN AN ANIMAL MODEL OF PARKINSON'S DISEASE INDUCED BY INTRANIGRAL INJECTION OF LIPOPOLYSACCHARIDE". En: FENS FORUM 2004. pp. 85 - 85.



- 8** **Title of the work:** POTENTIAL NEUROPROTECTANT ACTIVITY OF MINOCYCLINE IN AN ANIMAL MODEL OF PARKINSON'S DISEASE INDUCED BY INTRANIGRAL INJECTION OF LIPOPOLYSACCHARIDE
Name of the conference: FORUM OF EUROPEAN NEUROSCIENCE (4.2004.LISBOA, PORTUGAL)
Type of event: Conference **Geographical area:** Non EU International
City of event: LISBOA, PORTUGAL,
Date of event: 2004
ROCIO MARTINEZ DE PABLOS; MAYKA TOMAS CAMARDIEL; INMACULADA RITE ZAMBRANO; ANTONIO JOSE HERRERA CARMONA; JOSEFINA CANO GARCIA; Machado-, Alberto; JOSE LUIS VENERO RECIO.
- 9** **Title of the work:** REGULATION OF BDNF MRNA EXPRESSION IN CORTEX, SUBSTANTIA NIGRA AND SUBTHALAMIC NUCLEUS IN RESPONSE TO STRIATAL TARGET ABLATION
Name of the conference: 4TH FORUM OF EUROPEAN NEUROSCIENCE () (.2004.LISBOA)
Type of event: Conference **Geographical area:** Non EU International
City of event: LISBOA,
Date of event: 2004
INMACULADA RITE ZAMBRANO; JOSE LUIS VENERO RECIO; MAYKA TOMAS CAMARDIEL; ALBERTO MACHADO DE LA QUINTANA; JOSEFINA CANO GARCIA. "REGULATION OF BDNF MRNA EXPRESSION IN CORTEX, SUBSTANTIA NIGRA AND SUBTHALAMIC NUCLEUS IN RESPONSE TO STRIATAL TARGET ABLATION". En: FENS FORUM 2004. pp. 1 - 2.
- 10** **Title of the work:** INTRODUCCIÓN A LAS AQUAPORINAS. IMPORTANCIA DE LOS CANALES DE AGUA EN LA REGULACIÓN DEL CONTENIDO DE AGUA CEREBRAL
Name of the conference: X SIMPOSIUM INTERNACIONAL DE MONITORIZACION DE LA PRESION INTRACRANEAL Y DE LA HEMODINAMICA CEREBRAL () (.2003.BARCELONA, ESPAÑA)
Type of event: Conference **Geographical area:** National
City of event: . BARCELONA, ESPAÑA,
Date of event: 2003
JOSEFINA CANO GARCIA; JOSE LUIS VENERO RECIO; ROCIO MARTINEZ DE PABLOS; MAYKA TOMAS CAMARDIEL; Herrera-,A.J.; Machado-, Alberto.
- 11** **Title of the work:** INTRODUCCIÓN A LAS AQUAPORINAS. IMPORTANCIA DE LOS CANALES DE AGUA EN LA REGULACIÓN DEL CONTENIDO DE AGUA CEREBRAL
Name of the conference: X SIMPOSIUM INTERNACIONAL DE MONITORIZACION DE LA PRESION INTRACRANEAL Y DE LA HEMODINAMICA CEREBRAL () (.2003.BARCELONA, ESPAÑA)
Type of event: Conference **Geographical area:** National
City of event: . BARCELONA, ESPAÑA,
Date of event: 2003
Cano-,J; JOSE LUIS VENERO RECIO; MAYKA TOMAS CAMARDIEL; Herrera-,A.J.; Machado-, Alberto. "INTRODUCCIÓN A LAS AQUAPORINAS. IMPORTANCIA DE LOS CANALES DE AGUA EN LA REGULACIÓN DEL CONTENIDO DE AGUA CEREBRAL". En: INTRODUCCION A LAS AQUAPORINAS. IMPORTANCIA DE LOS CANALES DE AGUA EN LA REGULACION DEL CONTENIDO DE AGUA CEREBRAL. pp. 24 - 29.
- 12** **Title of the work:** THE INTRANIGRAL INJECTION OF THROMBIN INDUCES IN VIVO SELECTIVE DEGENERATION OF DOPAMINERGIC NEURONS ALONG WITH THE ACTIVATION OF MICROGLIA.
Name of the conference: WORKSHOP OF NEURONAL DEGENERATION AND NOVEL THERAPEUTIC APPROACHES IN PARKINSON () (.2003.MADRID)
Type of event: Conference **Geographical area:** Non EU International
Date of event: 2003



MAYKA TOMAS CAMARDIEL; ELOISA CARREÑO MÜLLER; Herrera-,A.J.; JOSE LUIS VENERO RECIO; Cano-,J; Machado-, Alberto. "THE INTRANIGRAL INJECTION OF THROMBIN INDUCES IN VIVO SELECTIVE DEGENERATION OF DOPAMINERGIC NEURONS ALONG WITH THE ACTIVATION OF MICROGLIA.". En: THE INTRANIGRAL INJECTION OF THROMBIN INDUCES IN VIVO SELECTIVE DEGENERATION OF DOPAMINERGIC NEURONS ALONG WITH THE ACTIVATION OF MICROGLIA. pp. 62 - 63.

- 13** **Title of the work:** THE INTRANIGRAL INJECTION OF THROMBIN INDUCES IN VIVO SELECTIVE DEGENERATION OF DOPAMINERGIC NEURONS ALONG WITH THE ACTIVATION OF MICROGLIA.
Name of the conference: JUAN MARCH () (.2002.MADRID)
Type of event: Conference **Geographical area:** Non EU International
Date of event: 2002
MAYKA TOMAS CAMARDIEL; ELOISA CARREÑO MÜLLER; ANTONIO JOSE HERRERA CARMONA; ROCIO MARTINEZ DE PABLOS; JOSE LUIS VENERO RECIO; JOSEFINA CANO GARCIA; Machado-, Alberto.
- 14** **Title of the work:** FACTORES NEUROTRÓFICOS COMO AGENTES POTENCIALES DE NEUROPROTECCIÓN EN MODELOS DE NEURODEGENERACIÓN
Name of the conference: REUNIÓN DE LA SOCIEDAD ESPAÑOLA DE GERIATRÍA Y GERONTOLOGÍA, XX CONGRESO DE LA SOCIEDAD ANDALUZA DE GERIATRÍA Y GERONTOLOGÍA (19.2000.CADIZ (ESPAÑA))
Type of event: Conference **Geographical area:** National
City of event: CADIZ (ESPAÑA),
Date of event: 2000
JOSE LUIS VENERO RECIO. "FACTORES NEUROTRÓFICOS COMO AGENTES POTENCIALES DE NEUROPROTECCIÓN EN MODELOS DE NEURODEGENERACIÓN". En: ACTAS DE LA XIX REUNIÓN DE LA SOCIEDAD ESPAÑOLA DE GERIATRÍA Y GERONTOLOGIA. pp. 1 - 1.
- 15** **Title of the work:** LA INYECCIÓN INTRANIGRAL DE LIPOPOLISACÁRIDO INDUCE DEGENERACIÓN DOPAMINÉRGICA EN LA SUBSTANTIA NIGRA: NUEVO MODELO DE ESTUDIO DE LA ENFERMEDAD DE PARKINSON.
Name of the conference: REUNIÓN DE LA SOCIEDAD ESPAÑOLA DE GERIATRÍA Y GERONTOLOGÍA Y XX CONGRESO DE LA SOCIEDAD ANDALUZA DE GERIATRÍA Y GERONTOLOGÍA (19.1999.CÁDIZ)
Type of event: Conference **Geographical area:** National
City of event: CÁDIZ,
Date of event: 1999
ANGELICA CASTAÑO NAVARRO; ANTONIO JOSE HERRERA CARMONA; JOSE LUIS VENERO RECIO; JOSEFINA CANO GARCIA; ALBERTO MACHADO DE LA QUINTANA. "LA INYECCIÓN INTRANIGRAL DE LIPOPOLISACÁRIDO INDUCE DEGENERACIÓN DOPAMINÉRGICA EN LA SUBSTANTIA NIGRA: NUEVO MODELO DE ESTUDIO DE LA ENFERMEDAD DE PARKINSON.". En: XIX REUNIÓN DE LA SOCIEDAD ESPAÑOLA DE GERIATRÍA Y GERONTOLOGÍA Y XX CONGRESO DE LA SOCIEDAD ANDALUZA DE GERIATRÍA Y GERONTOLOGÍA. pp. 00 - 00.
- 16** **Title of the work:** LOCALIZATION OF THE MRNAS FOR SEVERAL AQUOPORINS ALONG THE GASTROINTESTINAL TRACT OF THE RATS
Name of the conference: SCIENTIFIC MEETING OF THE PHYSIOLOGICAL SOCIETY (UK) & THE CZECH PHYSIOLOGICAL SOCIETY HELD AT CHARLES UNIVERSITY
Type of event: Conference **Geographical area:** Non EU International
City of event: CHESTER/LIVERPOOL; REINO UNIDO,
Date of event: 1998
REPOSO RAMIREZ LORCA; MARIA LUISA VIZUETE CHACON; JOSE LUIS VENERO RECIO; JOSEFINA CANO GARCIA; ANUNCIACIÓN ANA ILUNDÁIN LARRAÑETA. "LOCALIZATION OF THE MRNAS



FOR SEVERAL AQUOPORINS ALONG THE GASTROINTESTINAL TRACT OF THE RATS". En: THE PHYSIOLOGICAL SOCIETY. pp. 1 - 1.

- 17** **Title of the work:** EFECTO DE LA INHIBICIÓN DEL TRANSPORTE DE DOPAMINA SOBRE LA EXPRESIÓN DE LA ENZIMA TIROSINA HIDROXILASA EN LA VÍA NIGROESTRIADA.
Name of the conference: CONGRESO DE LA SOCIEDAD ESPAÑOLA DE NEUROCIENCIA () (.1997.SANTANDER)
Type of event: Conference **Geographical area:** National
City of event: SANTANDER,
Date of event: 1997
Romero-Ramos, Marina; MARIA LUISA VIZUETE CHACON; JOSE LUIS VENERO RECIO; JOSEFINA CANO GARCIA; ALBERTO MACHADO DE LA QUINTANA.
- 18** **Title of the work:** POST-TRANSLATIONAL MODIFICATION OF PROTEIN: IMPLICATIONS IN
Name of the conference: 9TH WIENER SYMPOSIUM OF EXPERIMENTAL GERONTOLOGY () (.1992.VIENA)
Type of event: Conference **Geographical area:** Non EU International
City of event: VIENA,
Date of event: 1992
Machado-, Alberto; Ayala-,A.; ELISA REVILLA TORRES; Gordillo-,Enrique; Cano-,Josefina; De La Cruz-, Cristina; JOSE LUIS VENERO RECIO. "POST-TRANSLATIONAL MODIFICATION OF PROTEIN: IMPLICATIONS IN". En: ASPECTS OF AGING AND DISEASE. pp. 85 - 94.
- 19** **Title of the work:** EFECTO DE LA INHIBICIÓN DEL TRANSPORTE DE DOPAMINA SOBRE LA EXPRESIÓN DE LA ENZIMA TIROSINA HIDROXILASA EN LA VÍA NIGROESTIRADA.
Name of the conference: CONGRESO DE LA SOCIEDAD ESPAÑOLA DE NEUROCIENCIA (7.1977.SANTANDER, ESPAÑA)
Type of event: Conference **Geographical area:** Non EU International
City of event: SANTANDER, ESPAÑA,
Date of event: 1977
JOSÉ ANTONIO RODRÍGUEZ GÓMEZ; Romero-Ramos, Marina; MARIA LUISA VIZUETE CHACON; JOSE LUIS VENERO RECIO; JOSEFINA CANO GARCIA; ALBERTO MACHADO DE LA QUINTANA. "EFECTO DE LA INHIBICIÓN DEL TRANSPORTE DE DOPAMINA SOBRE LA EXPRESIÓN DE LA ENZIMA TIROSINA HIDROXILASA EN LA VÍA NIGROESTIRADA.". En: ACTAS DEL VII CONGRESO DE LA SOCIEDAD ESPAÑOLA DE NEUROCIENCIAS. pp. 995 - 995.
- 20** **Title of the work:** EFECTO SINÉRGICO DEL ESTRÉS CRÓNICO Y LA INFLAMACIÓN EN LA DEGENERACIÓN DE LAS NEURONAS DEL HIPOCAMPO DE LA RATA. POSIBLE IMPLICACIÓN EN LA ENFERMEDAD DE ALZHEIMER
Name of the conference: XIII CONGRESO DE LA SOCIEDAD ESPAÑOLA DE NEUROCIENCIA
Type of event: Conference
ANA MARIA ESPINOSA OLIVA; ROCIO MARTINEZ DE PABLOS; RUTH FERNANDEZ VILLARAN; SANDRO ARGÜELLES CASTILLA; JOSE LUIS VENERO RECIO; ALBERTO MACHADO DE LA QUINTANA; JOSEFINA CANO GARCIA.
- 21** **Title of the work:** EL ZINC ENDÓGENO INDUCE MUERTE APOPTÓTICA DE NEURONAS Y ASTROGLIA EN LA FORMACIÓN HIPOCAMPAL EN UN MODELO ANIMAL DE EPILEPSIA
Name of the conference: JOURNEES DÉTUDES COMPARATIVES FRANCO- HISPANO- ITALIANNES (1.2003.BURDEOS, FRANCIA)
Type of event: Conference **Geographical area:** Non EU International
City of event: TORREMOLINOS (ESPAÑA),
JOSE LUIS VENERO RECIO; MATILDE REVUELTA GONZALEZ; ANGELICA CASTAÑO NAVARRO; ALBERTO MACHADO DE LA QUINTANA; JOSEFINA CANO GARCIA. "EL ZINC ENDÓGENO INDUCE



MUERTE APOPTÓTICA DE NEURONAS Y ASTROGLIA EN LA FORMACIÓN HIPOCAMPAL EN UN MODELO ANIMAL DE EPILEPSIA". En: ACTAS DE LA VI REUNION DEL GRUPO ESPAÑOL DE RADICALES LIBRES Y II REUNION IBEROAMERICANA. pp. 1 - 1.

22 Title of the work: IDENTIFICATION OF TWO HOMOLOGUES TO MAMMALIANS AQUAPORINS IN THE INTESTINE AND KIDNEY OF BIRDS

Name of the conference: MEETING OF THE EUROPEAN ASSOCIATION FOR CANCER RESEARCH (15.1998.SUNDEVOLLEN (NORUEGA))

Type of event: Conference

Geographical area: Non EU International

City of event: SUNDEVOLLEN (NORUEGA),

ANUNCIACIÓN ANA ILUNDÁIN LARRAÑETA; MIRIAM ECHEVARRIA IRUSTA; REPOSO RAMIREZ LORCA; MARIA LUISA VIZUETE CHACON; JOSE LUIS VENERO RECIO; JOSEFINA CANO GARCIA. "IDENTIFICATION OF TWO HOMOLOGUES TO MAMMALIANS AQUAPORINS IN THE INTESTINE AND KIDNEY OF BIRDS". En: EITG 1998. pp. 1 - 1.

23 Title of the work: PERIPHERAL INFLAMMATION INCREASES THE DELETERIOUS EFFECT OF CNS INFLAMMATION ON THE NIGROSTRIATAL DOPAMINERGIC SYSTEM

Name of the conference: 8TH FENS FORUM OF NEUROSCIENCE

Type of event: Conference

ANA MARIA ESPINOSA OLIVA; MARIA DEL CARMEN HERNANDEZ ROMERO; MARIA JOSE DELGADO CORTES; MANUEL SARMIENTO SOTO; Martínez-de Pablos, Rocío; Arguelles, Sandro; Báñez, Manuel J; Fernández-villarán, Ruth; RAQUEL MARÍA MAURIÑO CAMPANARIO; MARTINIANO SANTIAGO PAVON; JOSE LUIS VENERO RECIO; ANTONIO JOSE HERRERA CARMONA; JOSEFINA CANO GARCIA; ALBERTO MACHADO DE LA QUINTANA.

24 Title of the work: Preparation and evaluation of a caspase inhibitor-loaded chitosan nanoparticles

Type of event: Conference

LUCIA MARTIN BANDERAS; MARÍA MATILDE DURÁN LOBATO; JOSE LUIS VENERO RECIO; MERCEDES FERNANDEZ AREVALO.

25 Title of the work: Synergetic effect of stress and inflammation in the rat Substantia nigra.

Name of the conference: 8th FENS Forum

Type of event: Conference

City of event: . BARCELONA, ESPAÑA,

ROCIO MARTINEZ DE PABLOS; ANA MARIA ESPINOSA OLIVA; ANTONIO JOSE HERRERA CARMONA; JOSE LUIS VENERO RECIO; ALBERTO MACHADO DE LA QUINTANA.

26 Title of the work: VARIACIONES DE LA ACTIVIDAD TIROSINA HIDROXILASA DURANTE EL ENVEJECIMIENTO.

Name of the conference: CONGRESO IBEROAMERICANO DE GERIATRIA Y GERONTOLOGIA (2.2000.GRANADA, ESPAÑA)

Type of event: Conference

Geographical area: Non EU International

Perez-De La Cruz, Cristina; ELISA REVILLA TORRES; JOSE LUIS VENERO RECIO; Cano-, J; Machado-, Alberto. "VARIACIONES DE LA ACTIVIDAD TIROSINA HIDROXILASA DURANTE EL ENVEJECIMIENTO.". En: II CONGRESO IBEROAMERICANO DE GERIATRIA Y GERONTOLOGIA. pp. 16 - 16.

R&D management and participation in scientific committees

Scientific, technical and/or assessment committees

- 1** **Committee title:** Miembro del Comité Editorial de la Revista Journal of Neurochemistry
Affiliation entity: Sociedad Europea de Neuroquímica
Start-End date: 01/12/2008 - 31/12/2015
- 2** **Committee title:** comisión de evaluación de proyectos de investigación correspondientes al Programa Estatal de Fomento de la Investigación Científica y Técnica de Excelencia y Retos, en el área de Biomedicina SP4, año 2016
Primary (UNESCO code): 249000 - Neurosciences
Affiliation entity: Ministerio de Economía y Competitividad
City affiliation entity: Madrid, Spain
Start date: 2016
- 3** **Committee title:** Evaluador experto de la Agència Valenciana d'Avaluació i Prospectiva (AVAP):
City affiliation entity: Valencian Community, Spain
Start date: 20/01/2015

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** UNIVERSITY OF SOUTHERN CALIFORNIA
City of entity: LOS ANGELES; ESTADOS UNIDOS DE AMERICA,
Start date: 01/12/1991 **Duration:** 730 days
Provable tasks: Estancia en UNIVERSITY OF SOUTHERN CALIFORNIA - Posdoctoral
Acquired skills developed: ESTUDIO DE LA ACCIÓN TRÓFICA DE DISTINTOS FACTORES DE CRECIMIENTO EN DISTINTAS CONDICIONES DE NEURODEGENERACIÓN
- 2** **Entity:** DEPARTMENT OF BIOCHEMISTRY. TRINITY COLLEGE DUBLIN
City of entity: DUBLIN; IRLANDA,
Start date: 01/06/1989 **Duration:** 60 days
Provable tasks: Estancia en DEPARTMENT OF BIOCHEMISTRY. TRINITY COLLEGE DUBLIN - Becario/a (pre o posdoctoral, otros)
Acquired skills developed: ESTUDIO DE LA ACCIÓN NEUROTÓXICA DEL MPP+



Prizes, mentions and distinctions

Description: PREMIO UNIVERSIDAD DE SEVILLA-ENDESA 2011 A LOS TRABAJOS DE INVESTIGACIÓN REALIZADOS EN LOS SERVICIOS GENERALES DE INVESTIGACION

Awarding entity: UNIVERSIDAD DE SEVILLA ENDESA

Conferral date: 13/04/2011

Recognition linked: ¿PREMIOS UNIVERSIDAD DE SEVILLA-ENDESA A LOS TRABAJOS DE INVESTIGACIÓN DE MÁS IMPACTO EN LOS AÑOS 2009-2010, REALIZADOS EN LOS SERVICIOS GENERALES DE INVESTIGACIÓN DE LA UNIVERSIDAD DE SEVILLA¿, en sesión celebrada el 4 de abril de 2011