



José Antonio Encinar Hidalgo

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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.

Mi experiencia investigadora se inicia en 1993 con la realización de una Tesis de Licenciatura en la Universidad de Salamanca basada en el estudio de efecto de la hiperoxia en la composición lipídica del surfactante pulmonar de ratas de neonatas y adultas y que me permitió publicar mi primer trabajo en una revista científica internacional. Desde esa fecha hasta la actualidad he co-publicado 72 artículos indexados en el JCR y 4 artículos en libros. He participado en 26 proyectos financiados a nivel nacional, autonómico y local. Las líneas de trabajo en las que he participado y participo se centran en el estudio de las interacciones proteína-proteína y proteína-lípido, las relaciones estructura-función en proteínas solubles y de membrana (receptor nicotínico de acetilcolina y canal iónico KcsA) y la biocomputación estructural para el desarrollo de moléculas bioactivas (diseño in silico de péptidos moduladores de proteínas, diseño de ligandos no peptídicos, técnicas de diseño, acoplamiento y dinámica moleculares, etc). Dispongo de gran experiencia en técnicas de espectroscopia de FTIR, trabajo con proteínas de membrana (canales iónicos nAcChR, KcsA) y técnicas de computación (lenguaje Python, desarrollo de bases de datos).

Mis intereses científicos actuales se centran en el estudio de relaciones estructura-función en proteínas biológicamente relevantes en un contexto relacionado con la defensa de un huésped ante un ataque microbiano (polimerasas de RNA dependientes de RNA), así como el desarrollo de pequeñas moléculas bioactivas moduladoras de proteínas médicamente relevantes en procesos de cáncer, obesidad, etc.

Desde 2009 soy Profesor Titular de Universidad y tengo una experiencia reconocida de 25 años en docencia de primer y segundo ciclo y Doctorado en el área de Bioquímica y Biología Molecular y 4 sexenio CNAI. Actualmente soy profesor responsable de las asignaturas de Bioquímica y Bioquímica de alimentos del Grado de Ciencia y Tecnología de los Alimentos impartido en la Escuela Politécnica Superior de Orihuela de la Universidad Miguel Hernández de Elche.

En relación con la gestión académica he sido Secretario del Departamento de Bioquímica y Biología Molecular (2006-2011) y Secretario del Instituto de Biología Molecular y Celular (2016-2019). He desarrollado, editado y mantenido diversos sitios web, entre otros el de la Sociedad Española de Biofísica (2013-2018): <http://www.sbe.es/> o el del Instituto de Biología Molecular y Celular (desde 2002-2019): <http://ibmc.umh.es/>



La lista completa de mis publicaciones está disponible en mi sitio web personal: <http://shaker.umh.es/publications/>



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.

WEB OF SCIENCES (noviembre 2020)

<https://publons.com/researcher/2643001/jose-a-encinar/>

Publicaciones= 74

Citas= 1090

Indice h= 20

SCOPUS (noviembre 2020)

<https://www.scopus.com/authid/detail.uri?authorId=35268584800>

Publicaciones= 70

Total citas= 1155

Indice h= 20

GOOGLE SCHOLAR (noviembre 2020)

<https://scholar.google.com/citations?user=jTdMuycAAAAJ>

Publicaciones= 76

Citas= 1581

Indice h= 24

Indice i10= 48

<https://www.ncbi.nlm.nih.gov/myncbi/1jmwD0kEL8sYMI/bibliography/public/>



José Antonio Encinar Hidalgo

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 Name: **José Antonio**
 ORCID: **0000-0002-7219-3863**
 ScopusID: **35268584800**
 Google Académico: **jTdMuycAAAAJ**
 Date of birth: **12/08/1968**
 Gender: **Male**
 Nationality: **Spain**
 Country of birth: **Spain**
 Aut. region/reg. of birth: **Castilla y León**
 Contact province: **Alicante/Alacant**
 City of birth: **Avila**
 Postcode: **03202**
 Contact country: **Spain**
 Contact aut. region/reg.: **Comunitat Valenciana**
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Current professional situation

Employing entity: Universidad Miguel Hernández **Type of entity:** University de Elche

Department: Instituto Universitario de Biología Molecular y Celular

Professional category: Profesor Titular de Universidad

Start date: 18/12/2009

Type of contract: Civil servant

Dedication regime: Full time

Primary (UNESCO code): 240300 - Biochemistry; 240699 - Other; 240700 - Cell biology; 241500 - Molecular biology; 242000 - Virology; 249002 - Neurochemistry

Performed tasks: Docencia e investigación en el área de Bioquímica y Biología Molecular.

Previous positions and activities

	Employing entity	Professional category	Start date
1	Universidad Miguel Hernández de Elche	Profesor Contratado Doctor	01/10/2005
2	EMBL: Biostructure and Biocomputing group.	Scientific Visitor	2004
3	Universidad Miguel Hernández de Elche	Profesor Colaborador-LOU	01/10/2002
4	Universidad Miguel Hernández de Elche	Profesor Ayudante Tipo II	01/10/1999
5	Institut de Biologie Phisico-Chimique. Université Paris VII	Investigador Postdoctoral	01/09/2000



	Employing entity	Professional category	Start date
6	Department of Cell Biology and Histology, Academisch Medisch Centrum. Universidad de Amsterdam.	Investigador Postdoctoral	01/08/2000
7	Universidad Miguel Hernández de Elche	Profesor Ayudante Tipo I	01/10/1997
8	Universidad de Alicante	Becario del M.E.C.	1994
9	Universidad Miguel Hernández de Elche	Profesor Titular de Universidad	18/12/2009

- 1** **Employing entity:** Universidad Miguel Hernández **Type of entity:** University de Elche
Professional category: Profesor Contratado Doctor
Start-End date: 01/10/2005 - 17/12/2009
- 2** **Employing entity:** EMBL: Biostructure and Biocomputing group.
Professional category: Scientific Visitor
Start-End date: 2004 - 2006
- 3** **Employing entity:** Universidad Miguel Hernández **Type of entity:** University de Elche
Professional category: Profesor Colaborador-LOU
Start-End date: 01/10/2002 - 30/09/2005
- 4** **Employing entity:** Universidad Miguel Hernández **Type of entity:** University de Elche
Professional category: Profesor Ayudante Tipo II
Start-End date: 01/10/1999 - 30/09/2002
- 5** **Employing entity:** Institut de Biologie Phisico-Chimique. Université Paris VII **Type of entity:** University Research Institute
Professional category: Investigador Postdoctoral
Start-End date: 01/09/2000 - 30/11/2001
- 6** **Employing entity:** Department of Cell Biology and Histology, Academisch Medisch Centrum. Universidad de Amsterdam.
Professional category: Investigador Postdoctoral
Start-End date: 01/08/2000 - 31/10/2000
- 7** **Employing entity:** Universidad Miguel Hernández **Type of entity:** University de Elche
Professional category: Profesor Ayudante Tipo I
Start-End date: 01/10/1997 - 30/09/1999
- 8** **Employing entity:** Universidad de Alicante **Type of entity:** University
Department: Neuroquímica, Instituto de Neurociencias de Alicante
Professional category: Becario del M.E.C. **Leadership and management (Y/N):** No
Start-End date: 1994 - 1997 **Duration:** 3 months
Type of contract: Grant-assisted student (pre or post-doctoral, others)
- 9** **Employing entity:** Universidad Miguel Hernández **Type of entity:** University de Elche
Professional category: Profesor Titular de Universidad



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| **Start date:** 18/12/2009



Education

University education

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

University degree: Higher degree

Name of qualification: Licenciado en Ciencias Biológicas

Degree awarding entity: Universidad de Salamanca **Type of entity:** University

Date of qualification: 1992

Doctorates

Doctorate programme: Programa Oficial de Doctorado en Neurociencia

Degree awarding entity: Universidad Miguel Hernández de Elche **Type of entity:** University

Date of degree: 1998

Thesis title: Estudios estructurales de los fragmentos amino terminal de los canales de potasio tipo Shaker B nativo (ShB) y mutado (ShBL7E).

Thesis director: José Manuel González Ros

Obtained qualification: Sobresaliente cum laude

Special doctorate award: Yes

Date of award: 2001

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

Title of course/seminar: Primer y Segundo Ciclo para la obtención del Certificado de Aptitud Pedagógica. Bachillerato.

Goals of the course/seminar: Certificado de Aptitud Pedagógica. Bachillerato.

City organizing entity: Salamanca, Castilla y León, Spain

Organising entity: Instituto Universitario de Ciencias de la Educación de la Universidad de Salamanca **Type of entity:** University

Duration in hours: 120 hours

Start-End date: 1992 - 1993

Target group profile: Licenciados en Ciencias Biológicas.

Provable tasks: - Estructura del Sistema Educativo español. - Diseño y desarrollo curricular. - Psicología de la educación. - Didáctica especial. - Prácticas docentes.



Language skills

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

Teaching experience

General teaching experience

- 1** **Type of teaching:** Official teaching
Name of the course: Bioquímica
Type of teaching: In person theory
Type of subject: Obligatory
University degree: Graduado o Graduada en Ciencia y Tecnología de los Alimentos
Start date: 12/02/2018 **End date:** 14/09/2018
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 6
Entity: Escuela Politécnica Superior de Orihuela **Type of entity:** University Centres and Structures and Associated Bodies
Department: Bioquímica y Biología Molecular
City of entity: Orihuela, Comunitat Valenciana, Spain
- 2** **Type of teaching:** Official teaching
Name of the course: Bioquímica de los Alimentos
Type of teaching: In person theory
Type of subject: Obligatory
University degree: Graduado o Graduada en Ciencia y Tecnología de los Alimentos
Start date: 18/09/2017 **End date:** 14/09/2018
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4,5
Entity: Escuela Politécnica Superior de Orihuela **Type of entity:** University Centres and Structures and Associated Bodies
Faculty, institute or centre: Escuela Politécnica Superior de Orihuela
Department: Bioquímica y Biología Molecular
City of entity: Orihuela, Comunitat Valenciana, Spain
Subject language: Spanish
- 3** **Type of teaching:** Official teaching
Name of the course: Bioquímica de los Alimentos
Type of teaching: In person theory
Type of subject: Obligatory
University degree: Graduado o Graduada en Ciencia y Tecnología de los Alimentos
Start date: 19/09/2016 **End date:** 18/09/2017
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4,5

**Entity:** Escuela Politécnica Superior de Orihuela**Type of entity:** University Centres and Structures and Associated Bodies**Faculty, institute or centre:** Escuela Politécnica Superior de Orihuela**Department:** Bioquímica y Biología Molecular**City of entity:** Orihuela, Comunitat Valenciana, Spain**Subject language:** Spanish**4 Type of teaching:** Official teaching**Name of the course:** Bioquímica**Type of teaching:** In person theory**Type of subject:** Obligatory**University degree:** Graduado o Graduada en Ciencia y Tecnología de los Alimentos**Start date:** 13/02/2017**End date:** 15/09/2017**Type of hours/ ECTS credits:** Credits**Hours/ECTS credits:** 6**Entity:** Escuela Politécnica Superior de Orihuela**Type of entity:** University Centres and Structures and Associated Bodies**Department:** Bioquímica y Biología Molecular**City of entity:** Orihuela, Comunitat Valenciana, Spain**5 Type of teaching:** Official teaching**Name of the course:** Desarrollo de moléculas bioactivas**Type of teaching:** Practical work (classroom-problems)**University degree:** Grado de Biotecnología**Start date:** 19/09/2016**End date:** 10/02/2017**Type of hours/ ECTS credits:** Credits**Hours/ECTS credits:** 1,2**Entity:** Facultad de Ciencias Experimentales**Type of entity:** University**Department:** Bioquímica y Biología Molecular**City of entity:** Elche, Comunitat Valenciana, Spain

Experience supervising doctoral thesis and/or final year projects

1 Project title: Estudio de moduladores de la proteína IFIT5 en eritrocitos de 'Oncorhynchus mykiss'.**Entity:** Universidad Miguel Hernández de Elche**Type of entity:** University**Student:** M^a Elizabeth Salvador Mira**Date of reading:** 2018**2 Project title:** Cambios a nivel epigenético y proteómico en pez cebra en respuesta a la infección con virus de la viremia primaveral de la carpa (SVCV).**Entity:** Universidad Miguel Hernández de Elche Facultad / Escuela: Facultad de Ciencias Experimentales de Elche.**Student:** Regla María Medina Gali**Date of reading:** 03/07/2017**3 Project title:** Búsqueda in silico de compuestos naturales como moduladores de los receptores PPAR.**Entity:** Universidad Miguel Hernández de Elche**Type of entity:** University**Student:** Claudia Victoria Pérez Almería**Date of reading:** 2017



- 4** **Project title:** Revisión bibliográfica sobre las carbapenemasas (beta-lactamasas) bacterianas: aproximaciones in silico al diseño de inhibidores peptídicos.
Entity: Universidad Miguel Hernández de Elche **Type of entity:** University
Student: Daniel Carrillo Bautista
Date of reading: 2014

Student tutorials

- 1** **Name of the programme:** Prácticas Internas de la alumna de la Licenciatura de Bioquímica Estefanía Montoya Díaz. Producción recombinante de canales tipo KCSA para estudios de estructura-función. Análisis por técnicas espectroscópicas.
Entity: Universidad Miguel Hernández de Elche **Type of entity:** University
City of entity: Elche, Comunitat Valenciana, Spain
Number of recognized hours/ECTS credits: 32 **Frequency of the activity:** 2.007
Number of tutored students: 1
- 2** **Name of the programme:** Prácticas Internas de la alumna de la Licenciatura de Bioquímica Inmaculada Fernández Agulló. Análisis por espectroscopia de infrarrojo por transformada de Fourier de la interacción de péptidos transmembrana del receptor alpha-2 adrenérgico humano con bicapas lipídicas.
Entity: Universidad Miguel Hernández de Elche **Type of entity:** University
City of entity: Elche, Comunitat Valenciana, Spain
Number of recognized hours/ECTS credits: 6 **Frequency of the activity:** 2.006
Number of tutored students: 1
- 3** **Name of the programme:** Prácticas Internas de la alumna del Grado de Biología Claudia Victoria Perez Almeria. Cribado in silico para la búsqueda de compuestos naturales inhibidores de receptores nucleares PPARgamma. Aprender a realizar cultivos celulares para testar los compuestos detectados.
Entity: Universidad Miguel Hernández de Elche **Type of entity:** University
City of entity: Elche, Comunitat Valenciana, Spain
Number of recognized hours/ECTS credits: 33 **Frequency of the activity:** 2.015
Number of tutored students: 1
- 4** **Name of the programme:** Prácticas Internas de la alumna del Grado de Biología Maria Isabel Agea Lorente. Diseño computacional de péptidos inhibidores de la dimerización de la polimerasa de RNA dependiente de RNA del virus de la hepatitis C.
Entity: Universidad Miguel Hernández de Elche **Type of entity:** University
City of entity: Elche, Comunitat Valenciana, Spain
Number of recognized hours/ECTS credits: 15 **Frequency of the activity:** 2.013
Number of tutored students: 1



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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:** El carácter multifactorial de los polifenoles: una oportunidad para el desarrollo de herramientas terapéuticas frente a la obesidad y las enfermedades infecciosas. Ref.: PROMETEO/2016/006.

Name principal investigator (PI, Co-PI....): Dr. Vicente Micol.

Nº of researchers: 6

Funding entity or bodies:
Generalitat Valenciana.

Start date: 2016 **Duration:** 3 years

Participating entity/entities: Universidad Miguel Hernández de Elche.

Total amount: 219.478 €
- 2 Name of the project:** Nutraceuticos de 2ª generación de plantas comestibles basados en extractos polifenólicos moduladores del metabolismo energético: aplicaciones en la prevención de la obesidad. Ref.: AGL2015-67995-C3-1-R.

Name principal investigator (PI, Co-PI....): Dr. Vicente Micol.

Nº of researchers: 3

Funding entity or bodies:
Ministerio de Ciencia e Innovación.

Start date: 2016 **Duration:** 2 years

Participating entity/entities: Universidad Miguel Hernández de Elche.

Total amount: 127.050 €
- 3 Name of the project:** Searching for applications of fish innate memory ("trained immunity"): immunomodulators, therapeutic agents and vaccines. Ref.: AGL2014-51773-C3-1-R.

Name principal investigator (PI, Co-PI....): Dr. Luis Pérez.

Nº of researchers: 2

Funding entity or bodies:
Ministerio de Ciencia e Innovación.

Start date: 2015 **Duration:** 2 years

Participating entity/entities: Universidad Miguel Hernández de Elche.

Total amount: 140.000 €
- 4 Name of the project:** The potassium channel KcsA: a versatile workbench to progress in ion channel structure, function and drug discovery studies. Ref.: BFU2011-25920.

Name principal investigator (PI, Co-PI....): Dr. José Manuel González Ros.

Nº of researchers: 6

Funding entity or bodies:
Ministerio de Ciencia e Innovación.

Start date: 2012 **Duration:** 2 years



Participating entity/entities: Universidad Miguel Hernández de Elche.
Total amount: 152.000 €

5 Name of the project: Desarrollo de inhibidores de PTK6 como posibles nuevos agentes terapéuticos en carcinomas de mama, páncreas y melanoma.

Name principal investigator (PI, Co-PI....): Dra. Trinidad Mata.

Nº of researchers: 4

Funding entity or bodies:

Hospital Universitario de Elche.

Start date: 2011

Duration: 1 year

Participating entity/entities: Universidad Miguel Hernández de Elche.

Total amount: 5.000 €

6 Name of the project: The Spanish Ion Channel Initiative. Programa de actividad investigadora CONSOLIDER-INGENIO 2010 en el marco del Plan Nacional de I+D+I 2008-2011). Ref.: CSD2008-00005.

Name principal investigator (PI, Co-PI....): Dr. Antonio Vicente Ferrer Montiel.

Nº of researchers: 104

Funding entity or bodies:

Ministerio de Ciencia e Innovación.

Start date: 2009

Duration: 4 years

Participating entity/entities: Universidad Miguel Hernández de Elche.

Total amount: 6.000.000 €

7 Name of the project: Estudio de interacciones funcionalmente relevantes en proteínas de membrana: allanando el camino a nuevas aproximaciones al descubrimiento de fármacos.

Name principal investigator (PI, Co-PI....): Dr. José Manuel González Ros.

Nº of researchers: 6

Funding entity or bodies:

Ministerio de Ciencia e Innovación.

Start date: 2008

Duration: 3 years

Participating entity/entities: Universidad Miguel Hernández de Elche.

Total amount: 244.400 €

8 Name of the project: Neurociencia y biología estructural: nuevos compañeros para un largo viaje. Acciones complementarias para los proyectos de investigación fundamental no orientada - MCyT 2008.

Name principal investigator (PI, Co-PI....): Dr. José Manuel González Ros.

Nº of researchers: 5

Funding entity or bodies:

Ministerio de Educación y Ciencia.

Start date: 2008

Participating entity/entities: Universidad Miguel Hernández de Elche.

Total amount: 12.000 €

9 Name of the project: Caracterización funcional y estructural del canal de potasio kcsA en presencia de diferentes moduladores. Ref.: GV07/017.

Name principal investigator (PI, Co-PI....): Dr. José Antonio Encinar.

Funding entity or bodies:

Conselleria de Empresa

Universidad y Ciencia.



Start date: 2007 **Duration:** 1 year
Participating entity/entities: Universidad Miguel Hernández de Elche.
Total amount: 24.265 €

10 Name of the project: Estudio de los efectos de moduladores peptídicos y lipídicos sobre el canal iónico KcsA. Ref IP/UR/01.

Name principal investigator (PI, Co-PI....): Dr. José Antonio Encinar.

Nº of researchers: 3

Funding entity or bodies:

BANCAJA. Universidad Miguel Hernández de Elche.

Start date: 2007 **Duration:** 1 year

Participating entity/entities: Universidad Miguel Hernández de Elche.

Total amount: 11.988 €

11 Name of the project: Canales iónicos: modelos para el estudio de interacciones moleculares en proteínas de membrana y para la identificación de nuevas dianas de potencial actuación farmacológica. Ref. BFU2005-00749.

Name principal investigator (PI, Co-PI....): Dr. José Manuel González Ros.

Nº of researchers: 4

Funding entity or bodies:

Ministerio de Educación y Ciencia.

Start date: 2005 **Duration:** 3 years

Participating entity/entities: Universidad Miguel Hernández de Elche.

Total amount: 166.600 €

12 Name of the project: Identificación y desarrollo de nuevos anti-inflamatorios y analgésicos de uso biomédico y cosmético. Ref. PTR1995-0887-OP.

Name principal investigator (PI, Co-PI....): Dr. Antonio V. Ferrer Montiel.

Nº of researchers: 5

Funding entity or bodies:

Investigación y Desarrollo.

Secretaria de Estado de Educación

Universidades

Start date: 2004 **Duration:** 1 year

Participating entity/entities: Universidad Miguel Hernández de Elche.

Total amount: 86.000 €

13 Name of the project: Interacciones moleculares implicadas en la regulación de proteínas de interés neurobiológico.

Name principal investigator (PI, Co-PI....): Dra. Asia Fernández Carvajal.

Nº of researchers: 3

Funding entity or bodies:

BANCAJA. Universidad Miguel Hernández de Elche.

Start date: 2004 **Duration:** 1 year

Participating entity/entities: Universidad Miguel Hernández de Elche.

Total amount: 11.795 €



- 14** **Name of the project:** Caracterización estructural y termodinámica de interacciones macromoleculares implicadas en procesos de relevancia biológica. Ref. 03/056.
Name principal investigator (PI, Co-PI....): Dr. José Manuel González Ros.
Nº of researchers: 6
Funding entity or bodies:
Convocatoria de Infraestructura Científico-Tecnológica
MCyT.
Start date: 2003 **Duration:** 2 years
Participating entity/entities: Universidad Miguel Hernández de Elche.
Total amount: 38.964,49 €
- 15** **Name of the project:** Programa Operativo FEDER-FSE de Innovación, Desarrollo e Innovación.
Name principal investigator (PI, Co-PI....): Dr. José Manuel González Ros.
Nº of researchers: 20
Funding entity or bodies:
Convocatoria de Infraestructura Científico-Tecnológica
MCyT.
Start date: 2003 **Duration:** 1 year
Participating entity/entities: Universidad Miguel Hernández de Elche.
Total amount: 960.500 €
- 16** **Name of the project:** Interacciones moleculares en Neurobiología: conocimientos básicos y posibles aplicaciones. Ref. BF12002-03410.
Name principal investigator (PI, Co-PI....): Dr. José Manuel González Ros.
Nº of researchers: 4
Funding entity or bodies:
Dirección General de Investigación. MCyT.
Start date: 2002 **Duration:** 3 years
Participating entity/entities: Universidad Miguel Hernández de Elche.
Total amount: 132.000 €
- 17** **Name of the project:** Interacciones proteína-lípido en sistemas modelo de biomembrana. Ref. GR00-58.
Name principal investigator (PI, Co-PI....): Dr. José Villalain Boullón.
Nº of researchers: 7
Funding entity or bodies:
Oficina de Ciencia y Tecnología de la Generalitat Valenciana.
Start date: 2001
Participating entity/entities: Universidad Miguel Hernández de Elche.
Total amount: 13.222 €
- 18** **Name of the project:** Unidad de análisis estructural. Espectrómetro Infrarrojo de transformada de Fourier de altas prestaciones. Proyecto inf01-15.
Name principal investigator (PI, Co-PI....): Dr. José Manuel González Ros.
Nº of researchers: 15
Funding entity or bodies:
Oficina de Ciencia y Tecnología de la Generalitat Valenciana. Programa de Ayudas para Infraestructuras.
Start date: 2001
Participating entity/entities: Universidad Miguel Hernández de Elche.



Total amount: 60.240 €

- 19** **Name of the project:** Fluorescencia resuelta en el tiempo de los péptidos inactivantes y no inactivantes de canales iónicos dependientes de voltaje: interacción con membranas. Ref. HP1999-0049.
Name principal investigator (PI, Co-PI....): Dra. Carmen Reyes Mateo Martínez.
Nº of researchers: 5
Funding entity or bodies:
Dirección General de Enseñanza Superior e Investigación Científica en el Programa de Acciones Integradas entre España y Portugal.
Start date: 2000 **Duration:** 1 year
Participating entity/entities: Universidad Miguel Hernández de Elche.
Total amount: 300.000 €
- 20** **Name of the project:** Interacciones lípido-proteína y proteína-proteína en sistemas modelo de interés neurobiológico: relevancia funcional y consecuencias estructurales. Ref. PM98-0098.
Name principal investigator (PI, Co-PI....): Dr. José Manuel González Ros.
Nº of researchers: 4
Funding entity or bodies:
MEC-Dirección General de Enseñanza Superior.
Start date: 1999 **Duration:** 3 years
Participating entity/entities: Universidad Miguel Hernández de Elche.
Total amount: 16.725.000 €
- 21** **Name of the project:** Programa de equipamiento de infraestructuras para grupos de investigación.
Name principal investigator (PI, Co-PI....): Dr. José Manuel González Ros.
Nº of researchers: 15
Funding entity or bodies:
Generalitat Valenciana.
Start date: 1999
Participating entity/entities: Universidad Miguel Hernández de Elche.
Total amount: 20.000.000 €
- 22** **Name of the project:** Programa de equipamiento de infraestructuras para grupos de investigación.
Name principal investigator (PI, Co-PI....): Dr. José Manuel González Ros.
Nº of researchers: 15
Funding entity or bodies:
Generalitat Valenciana.
Start date: 1998
Participating entity/entities: Universidad Miguel Hernández de Elche.
Total amount: 10.000.000 €
- 23** **Name of the project:** Interacciones moleculares funcionalmente relevantes en tres modelos de interés neurobiológico: el receptor de acetilcolina, el canal de K⁺ y la sintaxina. Ref. PM95-0105.
Name principal investigator (PI, Co-PI....): Dr. José Manuel González Ros.
Nº of researchers: 6
Funding entity or bodies:
MEC-Dirección General de Enseñanza Superior.
Start date: 1996 **Duration:** 3 years
Participating entity/entities: Universidad Miguel Hernández de Elche.



Total amount: 14.000.000 €

24 Name of the project: Relaciones estructura-función en neuroreceptores/canales iónicos activados por ligandos. Ref. PB92-0340.

Name principal investigator (PI, Co-PI...): Dr. José Manuel González Ros.

Nº of researchers: 4

Funding entity or bodies:

Dirección General de Investigación Científica y Técnica.

Start date: 1993

Duration: 3 years

Participating entity/entities: Universidad de Alicante.

Total amount: 11.650.000 €

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

1 Name of the project: Convenio de colaboración para la constitución del Grupo de Investigación Mixto "Investigación en nuevas tecnologías en el tratamiento y diagnóstico del cáncer".

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI...): Antonio Vicente Ferrer Montiel

Nº of researchers: 20

Funding entity or bodies:

Fundación para el fomento de la investigación sanitaria y biomédica de la comunidad valenciana (FISABIO).

Type of entity: Administrative Body of the National Health System

City funding entity: Elche, Comunitat Valenciana, Spain

Start date: 28/07/2015

Duration: 1461 days

2 Name of the project: Contrato para actividades de asesoramiento y asistencia técnica en el desarrollo de la base de datos pública ADAN.

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI...): G.J. Fernandez Ballester

Nº of researchers: 2

Funding entity or bodies:

Centro de Regulación Genómica

Type of entity: University Centres and Structures and Associated Bodies

City funding entity: Barcelona, Cataluña, Spain

Start date: 01/01/2009

Duration: 365 days

Total amount: 12.094,08 €

3 Name of the project: Contrato para actividades de asesoramiento y asistencia técnica en el desarrollo de la base de datos pública ADAN.

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI...): G.J. Fernandez Ballester

Nº of researchers: 2

Funding entity or bodies:

Centro de Regulación Genómica

Type of entity: University Centres and Structures and Associated Bodies

City funding entity: Barcelona, Cataluña, Spain

Start date: 09/05/2008

Duration: 237 days

Total amount: 12.094,08 €



- 4** **Name of the project:** Desarrollo de la base de datos publica ADAN.
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): G.J. Fernandez Ballester
N° of researchers: 2
Funding entity or bodies:
Centro de Regulación Genómica **Type of entity:** University Centres and Structures and Associated Bodies
City funding entity: Barcelona, Cataluña, Spain
Start date: 01/01/2007 **Duration:** 365 days
Total amount: 12.094,08 €
- 5** **Name of the project:** Establecimiento, en el CBMC de la UMH, de una unidad de I+D y transferencia de tecnología mixta entre la UMH y las empresas.
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): J.M. Gonzalez Ros
N° of researchers: 19
Funding entity or bodies:
LIPOTEC S.A.; DIVERDRUGS S.L. **Type of entity:** Business
City funding entity: Elche, Comunitat Valenciana, Spain
Start date: 02/07/2003 **Duration:** 731 days
- 6** **Name of the project:** Convenio de colaboración para el establecimiento de una unidad de I+D y transferencia de tecnología mixta entre la UMH y la empresa.
Degree of contribution: Researcher
N° of researchers: 21
Funding entity or bodies:
FMC FOODTECH, SL **Type of entity:** Business
City funding entity: Elche, Comunitat Valenciana, Spain
Start date: 30/07/2001 **Duration:** 3652 days
- 7** **Name of the project:** Acuerdo específico de asesoramiento y transferencia de know-how.
Degree of contribution: Researcher
Name principal investigator (PI, Co-PI....): J.M. González Ros
N° of researchers: 17
Funding entity or bodies:
ILICE BIOTECH S.L. **Type of entity:** Business
City funding entity: Elche, Comunitat Valenciana, Spain
Start date: 21/03/2001 **Duration:** 731 days
- 8** **Name of the project:** Establecimiento, en el CBMC de la UMH, de una unidad de I+D y transferencia de tecnología mixta entre la UMH y las empresas.
Degree of contribution: Researcher
N° of researchers: 19
Funding entity or bodies:
LIPOTEC S.A.; DIVERDRUGS S.L. **Type of entity:** Business
City funding entity: Elche, Comunitat Valenciana, Spain
Start date: 12/02/2000 **Duration:** 732 days



Scientific and technological activities

Scientific production

H index: 24

Date of application: 06/11/2020

Source of H-Index: GOOGLE SCHOLAR

Publications, scientific and technical documents

- 1** Herranz-Lopez, Maria; Olivares-Vicente, Marilo; Rodriguez Gallego, Esther; Antonio Encinar, Jose; Perez-Sanchez, Almudena; Ruiz-Torres, Veronica; Joven, Jorge; Roche, Enrique; Micol, Vicente. Quercetin metabolites from Hibiscus sabdariffa contribute to alleviate glucolipototoxicity-induced metabolic stress in vitro. FOOD AND CHEMICAL TOXICOLOGY. 144, PERGAMON-ELSEVIER SCIENCE LTD, 01/10/2020. ISSN 0278-6915, ISSN 1873-6351

Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0
- 2** Rubio-Camacho, Marta; Encinar, Jose A.; Jose Martinez-Tome, Maria; Esquembre, Rocio; Reyes Mateo, C.. The Interaction of Temozolomide with Blood Components Suggests the Potential Use of Human Serum Albumin as a Biomimetic Carrier for the Drug. BIOMOLECULES. 10 - 7, MDPI, 01/07/2020. ISSN 2218-273X

Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0
- 3** Bosch-Barrera, Joaquim; Martin-Castillo, Begona; Buxo, Maria; Brunet, Joan; Encinar, Jose Antonio; Menendez, Javier A.. Silibinin and SARS-CoV-2: Dual Targeting of Host Cytokine Storm and Virus Replication Machinery for Clinical Management of COVID-19 Patients. JOURNAL OF CLINICAL MEDICINE. 9 - 6, MDPI, 01/06/2020. ISSN 2077-0383

Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0
- 4** Antonio Encinar, Jose; Menendez, Javier A.. Potential Drugs Targeting Early Innate Immune Evasion of SARS-Coronavirus 2 via 2'-O-Methylation of Viral RNA. VIRUSES-BASEL. 12 - 5, MDPI, 01/05/2020. ISSN 1999-4915

Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 8
- 5** Galiano, Vicente; Encinarz, Jose A.; Villalainz, Jose. Location, Orientation and Aggregation of Bardoxolone-ME, CDDO-ME, in a Complex Phospholipid Bilayer Membrane. JOURNAL OF MEMBRANE BIOLOGY. 253 - 2, pp. 115 - 128. SPRINGER, 01/04/2020. ISSN 0022-2631, ISSN 1432-1424

Type of production: Scientific paper **Format:** Journal
Source of citations: WOS **Citations:** 0
- 6** Cuyas, Elisabet; Gumuzio, Juan; Verdura, Sara; Brunet, Joan; Bosch-Barrera, Joaquim; Martin-Castillo, Begona; Alarcon, Tomas; Antonio Encinar, Jose; Martin, Angel G.; Menendez, Javier A.. The LSD1 inhibitor iadademstat (ORY-1001) targets SOX2-driven breast cancer stem cells: a potential epigenetic therapy in luminal-B and



HER2-positive breast cancer subtypes. AGING-US. 12 - 6, pp. 4794 - 4814. IMPACT JOURNALS LLC, 31/03/2020. ISSN 1945-4589

Type of production: Scientific paper

Format: Journal

Source of citations: WOS

Citations: 1

- 7** Verdura, Sara; Cuyas, Elisabet; Cortada, Eric; Brunet, Joan; Lopez-Bonet, Eugeni; Martin-Castillo, Begona; Bosch-Barrera, Joaquim; Antonio Encinar, Jose; Menendez, Javier A.. Resveratrol targets PD-L1 glycosylation and dimerization to enhance antitumor T-cell immunity. AGING-US. 12 - 1, pp. 8 - 34. IMPACT JOURNALS LLC, 15/01/2020. ISSN 1945-4589

Type of production: Scientific paper

Format: Journal

Source of citations: WOS

Citations: 11

- 8** Laura Marroqui; Juan Martinez-Pinna; Manuel Castellano-Muñoz; Reinaldo S. {dos Santos}; Regla M. Medina-Gali; Sergi Soriano; Ivan Quesada; Jan-Ake Gustafsson; José A. Encinar; Angel Nadal. Bisphenol-S and Bisphenol-F alter mouse pancreatic β -cell ion channel expression and activity and insulin release through an estrogen receptor ER β mediated pathway. Chemosphere. pp. 129051 - 129051. 2020. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0045653520332483>>. ISSN 0045-6535

Type of production: Scientific paper

Format: Journal

- 9** Olivares-Vicente, Marilo; Sanchez-Marzo, Noelia; Antonio Encinar, Jose; de la Luz Cadiz-Gurrea, Maria; Lozano-Sanchez, Jesus; Segura-Carretero, Antonio; Arraez-Roman, David; Riva, Catherine; Barrajon-Catalan, Enrique; Herranz-Lopez, Maria; Micol, Vicente. The Potential Synergistic Modulation of AMPK by Lippia citriodora Compounds as a Target in Metabolic Disorders. NUTRIENTS. 11 - 12, MDPI, 01/12/2019. ISSN 2072-6643

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Category: Science Edition - NUTRITION & DIETETICS

Impact index in year of publication: 4.546

Journal in the top 25%: Yes

Position of publication: 17

No. of journals in the cat.: 89

Source of citations: WOS

Citations: 1

- 10** Cuyas, Elisabet; Verdura, Sara; Micol, Vicente; Joven, Jorge; Bosch-Barrera, Joaquin; Antonio Encinar, Jose; Menendez, Javier A.. Revisiting silibinin as a novobiocin-like Hsp90 C-terminal inhibitor: Computational modeling and experimental validation. FOOD AND CHEMICAL TOXICOLOGY. 132, PERGAMON-ELSEVIER SCIENCE LTD, 01/10/2019. ISSN 0278-6915, ISSN 1873-6351

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Category: Science Edition - TOXICOLOGY

Impact index in year of publication: 4.679

Journal in the top 25%: Yes

Position of publication: 12

No. of journals in the cat.: 92

Impact source: WOS (JCR)

Category: Science Edition - FOOD SCIENCE & TECHNOLOGY

Impact index in year of publication: 4.679

Journal in the top 25%: Yes

Position of publication: 14

No. of journals in the cat.: 139

Source of citations: WOS

Citations: 3

- 11** Cuyas, Elisabet; Gumuzio, Juan; Lozano-Sanchez, Jesus; Carreras, David; Verdura, Sara; Llorach-Pares, Laura; Sanchez-Martinez, Melchor; Selga, Elisabet; Perez, Guillermo J.; Scornik, Fabiana S.; Brugada, Ramon; Bosch-Barrera, Joaquim; Segura-Carretero, Antonio; Martin, Angel G.; Antonio Encinar, Jose; Menendez, Javier A.. Extra Virgin Olive Oil Contains a Phenolic Inhibitor of the Histone Demethylase LSD1/KDM1A. NUTRIENTS. 11 - 7, MDPI, 01/07/2019. ISSN 2072-6643

Type of production: Scientific paper

Format: Journal



Impact source: WOS (JCR)
Impact index in year of publication: 4.546
Position of publication: 17
Source of citations: WOS

Category: Science Edition - NUTRITION & DIETETICS
Journal in the top 25%: Yes
No. of journals in the cat.: 89
Citations: 8

- 12** Cuyas, Elisabet; Verdura, Sara; Lozano-Sanchez, Jesus; Viciano, Ignacio; Llorach-Pares, Laura; Nonell-Canals, Alfons; Bosch-Barrera, Joaquim; Brunet, Joan; Segura-Carretero, Antonio; Sanchez-Martinez, Melchor; Antonio Encinar, Jose; Menendez, Javier A.. The extra virgin olive oil phenolic oleacein is a dual substrate-inhibitor of catechol-O-methyltransferase. FOOD AND CHEMICAL TOXICOLOGY. 128, pp. 35 - 45. PERGAMON-ELSEVIER SCIENCE LTD, 01/06/2019. ISSN 0278-6915, ISSN 1873-6351

Type of production: Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 4.679
Position of publication: 12

Format: Journal
Category: Science Edition - TOXICOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 92

Impact source: WOS (JCR)
Impact index in year of publication: 4.679
Position of publication: 14

Category: Science Edition - FOOD SCIENCE & TECHNOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 139

Source of citations: WOS

Citations: 9

- 13** Chico, Veronica; Elizabeth Salvador-Mira, Maria; Nombela, Ivan; Puente-Marin, Sara; Ciordia, Sergio; Carmen Mena, Maria; Perez, Luis; Coll, Julio; Guzman, Fanny; Antonio Encinar, Jose; Mercado, Luis; del Mar Ortega-Villaizan, Maria. IFIT5 Participates in the Antiviral Mechanisms of Rainbow Trout Red Blood Cells. FRONTIERS IN IMMUNOLOGY. 10, FRONTIERS MEDIA SA, 16/04/2019. ISSN 1664-3224

Type of production: Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 5.085
Position of publication: 39

Format: Journal
Category: Science Edition - IMMUNOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 159

Source of citations: WOS

Citations: 6

- 14** Falco, Alberto; Maria Medina-Gali, Regla; Antonio Poveda, Jose; Bello-Perez, Melissa; Novoa, Beatriz; Antonio Encinar, Jose. Antiviral Activity of a Turbot (*Scophthalmus maximus*) NK-Lysin Peptide by Inhibition of Low-pH Virus-Induced Membrane Fusion. MARINE DRUGS. 17 - 2, MDPI, 01/02/2019. ISSN 1660-3397

Type of production: Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 4.073
Position of publication: 16

Format: Journal
Category: Science Edition - CHEMISTRY, MEDICINAL
Journal in the top 25%: No
No. of journals in the cat.: 61

Source of citations: WOS

Citations: 9

- 15** Medina-Gali, Regla; Bello-Perez, Melissa; Martinez-Lopez, A.; Falco, A.; Ortega-Villaizan, M. M.; Encinar, Jose A.; Novo, Beatriz; Coll, Julio; Perez, Luis. Chromatin immunoprecipitation and high throughput sequencing of SVCV-infected zebrafish reveals novel epigenetic histone methylation patterns involved in antiviral immune response. FISH & SHELLFISH IMMUNOLOGY. 82, pp. 514 - 521. ACADEMIC PRESS LTD- ELSEVIER SCIENCE LTD, 01/11/2018. ISSN 1050-4648, ISSN 1095-9947

Type of production: Scientific paper
Impact source: WOS (JCR)

Format: Journal
Category: Science Edition - MARINE & FRESHWATER BIOLOGY



Impact index in year of publication: 3.298
Position of publication: 12

Impact source: WOS (JCR)
Impact index in year of publication: 3.298
Position of publication: 3

Impact source: WOS (JCR)
Impact index in year of publication: 3.298
Position of publication: 6

Impact source: WOS (JCR)
Impact index in year of publication: 3.298
Position of publication: 76

Source of citations: WOS

Journal in the top 25%: Yes
No. of journals in the cat.: 108

Category: Science Edition - VETERINARY SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 141

Category: Science Edition - FISHERIES
Journal in the top 25%: Yes
No. of journals in the cat.: 52

Category: Science Edition - IMMUNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 158

Citations: 4

- 16** Lama, R.; Pereiro, P.; Costa, M. M.; Encinar, J. A.; Medina-Gali, R. M.; Perez, L.; Lamas, J.; Leiro, J.; Figueras, A.; Novoa, B.. Turbot (*Scophthalmus maxims*) Nk-lysin induces protection against the pathogenic parasite *Philasterides dicentrarchi* via membrane disruption. *FISH & SHELLFISH IMMUNOLOGY*. 82, pp. 190 - 199. ACADEMIC PRESS LTD- ELSEVIER SCIENCE LTD, 01/11/2018. ISSN 1050-4648, ISSN 1095-9947

Type of production: Scientific paper

Impact source: WOS (JCR)

Impact index in year of publication: 3.298
Position of publication: 12

Impact source: WOS (JCR)
Impact index in year of publication: 3.298
Position of publication: 3

Impact source: WOS (JCR)
Impact index in year of publication: 3.298
Position of publication: 6

Impact source: WOS (JCR)
Impact index in year of publication: 3.298
Position of publication: 76

Source of citations: WOS

Format: Journal

Category: Science Edition - MARINE & FRESHWATER BIOLOGY

Journal in the top 25%: Yes
No. of journals in the cat.: 108

Category: Science Edition - VETERINARY SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 141

Category: Science Edition - FISHERIES
Journal in the top 25%: Yes
No. of journals in the cat.: 52

Category: Science Edition - IMMUNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 158

Citations: 9

- 17** Ruiz-Torres, Veronica; Losada-Echeberria, Maria; Herranz-Lopez, Maria; Barrajon-Catalan, Enrique; Galiano, Vicente; Micol, Vicente; Antonio Encinar, Jose. New Mammalian Target of Rapamycin (mTOR) Modulators Derived from Natural Product Databases and Marine Extracts by Using Molecular Docking Techniques. *MARINE DRUGS*. 16 - 10, MDPI, 01/10/2018. ISSN 1660-3397

Type of production: Scientific paper

Impact source: WOS (JCR)

Impact index in year of publication: 3.772
Position of publication: 15

Source of citations: WOS

Format: Journal

Category: Science Edition - CHEMISTRY, MEDICINAL
Journal in the top 25%: Yes

No. of journals in the cat.: 61

Citations: 5



- 18** Bello-Perez, Melissa; Falco, Alberto; Galiano, Vicente; Coll, Julio; Perez, Luis; Antonio Encinar, Jose. Discovery of nonnucleoside inhibitors of polymerase from infectious pancreatic necrosis virus (IPNV). DRUG DESIGN DEVELOPMENT AND THERAPY. 12, pp. 2337 - 2359. DOVE MEDICAL PRESS LTD, 01/01/2018. ISSN 1177-8881
Type of production: Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 3.208
Position of publication: 23
Impact source: WOS (JCR)
Impact index in year of publication: 3.208
Position of publication: 89
Source of citations: WOS
Format: Journal
Category: Science Edition - CHEMISTRY, MEDICINAL
Journal in the top 25%: No
No. of journals in the cat.: 61
Category: Science Edition - PHARMACOLOGY & PHARMACY
Journal in the top 25%: No
No. of journals in the cat.: 267
Citations: 5
- 19** Bello-Perez, Melissa; Falco, Alberto; Medina-Gali, Regla; Pereiro, Patricia; Antonio Encinar, Jose; Novoa, Beatriz; Perez, Luis; Coll, Julio. Neutralization of viral infectivity by zebrafish c-reactive protein isoforms. MOLECULAR IMMUNOLOGY. 91, pp. 145 - 155. PERGAMON-ELSEVIER SCIENCE LTD, 01/11/2017. ISSN 0161-5890
Type of production: Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 3.188
Position of publication: 122
Impact source: WOS (JCR)
Impact index in year of publication: 3.188
Position of publication: 77
Source of citations: WOS
Format: Journal
Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 293
Category: Science Edition - IMMUNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 155
Citations: 8
- 20** Bello-Perez, Melissa; Falco, Alberto; Medina, Regla; Antonio Encinar, Jose; Novoa, Beatriz; Perez, Luis; Estepa, Amparo; Coll, Julio. Structure and functionalities of the human c-reactive protein compared to the zebrafish multigene family of c-reactive-like proteins. DEVELOPMENTAL AND COMPARATIVE IMMUNOLOGY. 69, pp. 33 - 40. ELSEVIER SCI LTD, 01/04/2017. ISSN 0145-305X, ISSN 1879-0089
Type of production: Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 2.913
Position of publication: 11
Impact source: WOS (JCR)
Impact index in year of publication: 2.913
Position of publication: 6
Impact source: WOS (JCR)
Impact index in year of publication: 2.913
Position of publication: 86
Source of citations: WOS
Format: Journal
Category: Science Edition - ZOOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 167
Category: Science Edition - FISHERIES
Journal in the top 25%: Yes
No. of journals in the cat.: 51
Category: Science Edition - IMMUNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 155
Citations: 11
- 21** Jimenez-Sanchez, Cecilia; Olivares-Vicente, Marilo; Rodriguez-Perez, Celia; Herranz-Lopez, Maria; Lozano-Sanchez, Jesus; Segura-Carretero, Antonio; Fernandez-Gutierrez, Alberto; Antonio Encinar, Jose; Micol, Vicente. AMPK modulatory activity of olive-tree leaves phenolic compounds: Bioassay-guided isolation on adipocyte model and in silico approach. PLOS ONE. 12 - 3, PUBLIC LIBRARY SCIENCE, 09/03/2017. ISSN 1932-6203

Type of production: Scientific paper

Impact source: WOS (JCR)

Impact index in year of publication: 2.766

Position of publication: 15

Source of citations: WOS

Format: Journal

Category: Science Edition - MULTIDISCIPLINARY SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 64

Citations: 15

- 22** V. Micol; J.A. Encinar. Nutraceuticals molecular targets (II): A novel way of approaching health by using nutraceuticals: Combined -omics and virtual screening. *Agro Food Industry Hi-Tech.* 28 - 4, pp. 38 - 39. TeknoScienze, 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85031772569&partnerID=40&md5=cf2e5c0350d9cc1a4c52060e530909c8>>. ISSN 17226996

Type of production: Scientific paper

Format: Journal

- 23** V. Micol; J.A. Encinar; M. Herranz. Nutraceuticals molecular targets (III) Targeting protein receptors with polyphenols as new anti-obesity therapies. *Agro Food Industry Hi-Tech.* 28 - 5, pp. 42 - 43. TeknoScienze, 2017. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85033694815&partnerID=40&md5=f996818941f40ee7f2c0c54ebb5664a6>>. ISSN 17226996

Type of production: Scientific paper

Format: Journal

- 24** V. Galiano; P. Garcia-Valtanen; V. Micol; J.A. Encinar. Looking for inhibitors of the dengue virus NS5 RNA-dependent RNA-polymerase using a molecular docking approach. *Drug Design, Development and Therapy.* 10, pp. 3163 - 3181. Dove Medical Press Ltd., 2016. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-84991585010&doi=10.2147%2fDDDT.S117369&partnerID=40&md5=afe78692e80edc889e01507760e51aba>>. ISSN 11778881

Type of production: Scientific paper

Format: Journal

- 25** Luisa Molina, M.; Marcela Giudici, A.; Poveda, Jose A.; Fernandez-Ballester, Gregorio; Montoya, Estefania; Lourdes Renart, M.; Fernandez, Asia M.; Encinar, Jose A.; Riquelme, Gloria; Morales, Andres; Gonzalez-Ros, Jose M.. Competing Lipid-Protein and Protein-Protein Interactions Determine Clustering and Gating Patterns in the Potassium Channel from *Streptomyces lividans* (KcsA). *JOURNAL OF BIOLOGICAL CHEMISTRY.* 290 - 42, pp. 25745 - 25755. AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 16/10/2015. ISSN 1083-351X

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Impact index in year of publication: 4.258

Journal in the top 25%: Yes

Position of publication: 71

No. of journals in the cat.: 289

Source of citations: WOS

Citations: 11

- 26** Antonio Encinar, Jose; Fernandez-Ballester, Gregorio; Galiano-Ibarra, Vicente; Micol, Vicente. In silico approach for the discovery of new PPAR gamma modulators among plant-derived polyphenols. *DRUG DESIGN DEVELOPMENT AND THERAPY.* 9, pp. 5877 - 5895. DOVE MEDICAL PRESS LTD, 01/01/2015. ISSN 1177-8881

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Category: Science Edition - CHEMISTRY, MEDICINAL

Impact index in year of publication: 2.881

Journal in the top 25%: No

Position of publication: 22

No. of journals in the cat.: 59

Impact source: WOS (JCR)

Category: Science Edition - PHARMACOLOGY & PHARMACY

Impact index in year of publication: 2.881

Journal in the top 25%: No

Position of publication: 84

No. of journals in the cat.: 255

Source of citations: WOS

Citations: 23



- 27** Angeles Corral-Rodriguez, Maria; Stuiver, Marchel; Abascal-Palacios, Guillermo; Diercks, Tammo; Oyenarte, Iker; Ereno-Orbea, June; Ibanez de Opakua, Alain; Blanco, Francisco J.; Antonio Encinar, Jose; Spiwok, Wojtech; Terashima, Hiroyuki; Accardi, Alessio; Mueller, Dominik; Alfonso Martinez-Cruz, Luis. Nucleotide binding triggers a conformational change of the CBS module of the magnesium transporter CNNM2 from a twisted towards a flat structure. *BIOCHEMICAL JOURNAL*. 464, pp. 23 - 34. PORTLAND PRESS LTD, 15/11/2014. ISSN 0264-6021, ISSN 1470-8728
- Type of production:** Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 4.396
Position of publication: 67
Source of citations: WOS
- Format:** Journal
Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 290
Citations: 21
- 28** Jose Lopez-Jimenez, Alberto; Clemente-Casares, Pilar; Sabariego, Rosario; Llanos-Valero, Maria; Bellon-Echeverria, Itxaso; Antonio Encinar, Jose; Kaushik-Basu, Neerja; Froeyen, Mathy; Mas, Antonio. Hepatitis C virus polymerase-polymerase contact interface: Significance for virus replication and antiviral design. *ANTIVIRAL RESEARCH*. 108, pp. 14 - 24. ELSEVIER, 01/08/2014. ISSN 0166-3542, ISSN 1872-9096
- Type of production:** Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 3.938
Position of publication: 42
Impact source: WOS (JCR)
Impact index in year of publication: 3.938
Position of publication: 9
Source of citations: WOS
- Format:** Journal
Category: Science Edition - PHARMACOLOGY & PHARMACY
Journal in the top 25%: Yes
No. of journals in the cat.: 255
Category: Science Edition - VIROLOGY
Journal in the top 25%: No
No. of journals in the cat.: 33
Citations: 3
- 29** Ibarburen, Maitane; Lopez, David J.; Encinar, Jose A.; Gonzalez-Ros, Jose M.; Busquets, Xavier; Escriba, Pablo V.. Partitioning of liquid-ordered/liquid-disordered membrane microdomains induced by the fluidifying effect of 2-hydroxylated fatty acid derivatives. *BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES*. 1828 - 11, pp. 2553 - 2563. ELSEVIER, 01/11/2013. ISSN 0005-2736, ISSN 1879-2642
- Type of production:** Scientific paper
Impact source: WOS (JCR)
Impact index in year of publication: 3.431
Position of publication: 103
Impact source: WOS (JCR)
Impact index in year of publication: 3.431
Position of publication: 22
Source of citations: WOS
- Format:** Journal
Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 291
Category: Science Edition - BIOPHYSICS
Journal in the top 25%: No
No. of journals in the cat.: 74
Citations: 33
- 30** Martinez-Lopez, Alicia; Antonio Encinar, Jose; Maria Medina-Gali, Regla; Balseiro, Pablo; Garcia-Valtanen, Pablo; Figueras, Antonio; Novoa, Beatriz; Estepa, Amparo. pH-Dependent Solution Structure and Activity of a Reduced Form of the Host-Defense Peptide Myticin C (Myt C) from the Mussel *Mytilus galloprovincialis*. *MARINE DRUGS*. 11 - 7, pp. 2328 - 2346. MDPI AG, 01/07/2013. ISSN 1660-3397
- Type of production:** Scientific paper
Impact source: WOS (JCR)
- Format:** Journal
Category: Science Edition - CHEMISTRY, MEDICINAL



Impact index in year of publication: 3.512
Position of publication: 10

Source of citations: WOS

Journal in the top 25%: Yes
No. of journals in the cat.: 58

Citations: 10

- 31** Marcela Giudici, A.; Luisa Molina, M.; Ayala, Jose L.; Montoya, Estefania; Lourdes Renart, M.; Fernandez, Asia M.; Encinar, Jose A.; Ferrer-Montiel, Antonio V.; Poveda, Jose A.; Gonzalez-Ros, Jose M.. Detergent-labile, supramolecular assemblies of KcsA: Relative abundance and interactions involved. *BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES*. 1828 - 2, pp. 193 - 200. ELSEVIER SCIENCE BV, 01/02/2013. ISSN 0005-2736, ISSN 1879-2642

Type of production: Scientific paper

Impact source: WOS (JCR)

Impact index in year of publication: 3.431
Position of publication: 103

Impact source: WOS (JCR)

Impact index in year of publication: 3.431
Position of publication: 22

Source of citations: WOS

Format: Journal

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: No
No. of journals in the cat.: 291

Category: Science Edition - BIOPHYSICS

Journal in the top 25%: No
No. of journals in the cat.: 74

Citations: 10

- 32** Renart, M. L.; Montoya, E.; Fernandez, A. M.; Molina, M. L.; Poveda, J. A.; Encinar, J. A.; Ayala, J. L.; Ferrer-Montiel, A. V.; Gomez, J.; Morales, A.; Gonzalez Ros, J. M.. Contribution of Ion Binding Affinity to Ion Selectivity and Permeation in KcsA, a Model Potassium Channel. *BIOCHEMISTRY*. 51 - 18, pp. 3891 - 3900. AMER CHEMICAL SOC, 08/05/2012. ISSN 0006-2960

Type of production: Scientific paper

Impact source: WOS (JCR)

Impact index in year of publication: 3.377
Position of publication: 102

Source of citations: WOS

Format: Journal

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: No
No. of journals in the cat.: 290

Citations: 7

- 33** Navarro, Aaron; Encinar, Jose A.; Lopez-Mendez, Blanca; Aguado-Llera, David; Prieto, Jesus; Gomez, Javier; Alfonso Matinez-Cruz, Luis; Millet, Oscar; Manuel Gonzalez-Ros, Jose; Fernandez-Ballester, Gregorio; Neira, Jose L.; Ferrer-Montiel, Antonio. Mutation of Ser-50 and Cys-66 in Snapin Modulates Protein Structure and Stability. *BIOCHEMISTRY*. 51 - 16, pp. 3470 - 3484. AMER CHEMICAL SOC, 24/04/2012. ISSN 0006-2960

Type of production: Scientific paper

Impact source: WOS (JCR)

Impact index in year of publication: 3.377
Position of publication: 102

Source of citations: WOS

Format: Journal

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: No
No. of journals in the cat.: 290

Citations: 7

- 34** Clemente-Casares, Pilar; Lopez-Jimenez, Alberto J.; Bellon-Echeverria, Itxaso; Antonio Encinar, Jose; Martinez-Alfaro, Elisa; Perez-Flores, Ricardo; Mas, Antonio. De Novo Polymerase Activity and Oligomerization of Hepatitis C Virus RNA-Dependent RNA-Polymerases from Genotypes 1 to 5. *PLOS ONE*. 6 - 4, PUBLIC LIBRARY SCIENCE, 07/04/2011. ISSN 1932-6203

Type of production: Scientific paper

Impact source: WOS (JCR)

Impact index in year of publication: 4.092

Format: Journal

Category: Science Edition - BIOLOGY

Journal in the top 25%: Yes

Position of publication: 12

No. of journals in the cat.: 85

Source of citations: WOS

Citations: 16

- 35** Alfonso Martinez-Cruz, Luis; Antonio Encinar, Jose; Sevilla, Paz; Oyenarte, Iker; Gomez-Garcia, Inmaculada; Aguado-Llera, David; Garcia-Blanco, Francisco; Gomez, Javier; Neira, Jose L.. Nucleotide-induced conformational transitions in the CBS domain protein MJ0729 of *Methanocaldococcus jannaschii*. PROTEIN ENGINEERING DESIGN & SELECTION. 24 - 1-2, pp. 161 - 169. OXFORD UNIV PRESS, 01/01/2011. ISSN 1741-0126, ISSN 1741-0134

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Impact index in year of publication: 2.937

Journal in the top 25%: No

Position of publication: 133

No. of journals in the cat.: 290

Impact source: WOS (JCR)

Category: Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Impact index in year of publication: 2.937

Journal in the top 25%: No

Position of publication: 50

No. of journals in the cat.: 158

Source of citations: WOS

Citations: 3

- 36** Renart, M. L.; Triano, I.; Poveda, J. A.; Encinar, J. A.; Fernandez, A. M.; Ferrer-Montiel, A. V.; Gomez, J.; Gonzalez Ros, J. M.. Ion Binding to KcsA: Implications in Ion Selectivity and Channel Gating. BIOCHEMISTRY. 49 - 44, pp. 9480 - 9487. AMER CHEMICAL SOC, 09/11/2010. ISSN 0006-2960

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Impact index in year of publication: 3.226

Journal in the top 25%: No

Position of publication: 120

No. of journals in the cat.: 286

Source of citations: WOS

Citations: 10

- 37** Triano, I.; Barrera, F. N.; Renart, M. L.; Molina, M. L.; Fernandez-Ballester, G.; Poveda, J. A.; Fernandez, A. M.; Encinar, J. A.; Ferrer-Montiel, A. V.; Otzen, D.; Gonzalez-Ros, J. M.. Occupancy of Nonannular Lipid Binding Sites on KcsA Greatly Increases the Stability of the Tetrameric Protein. BIOCHEMISTRY. 49 - 25, pp. 5397 - 5404. AMER CHEMICAL SOC, 29/06/2010. ISSN 0006-2960

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Impact index in year of publication: 3.226

Journal in the top 25%: No

Position of publication: 120

No. of journals in the cat.: 286

Source of citations: WOS

Citations: 22

- 38** Lucas, Maria; Antonio Encinar, Jose; Astigarraga Arribas, Egoitz; Oyenarte, Iker; Gomez Garcia, Inmaculada; Kortazar, Danel; Fernandez, Jose A.; Mato, Jose M.; Luz Martinez-Chantar, Maria; Alfonso Martinez-Cruz, Luis. Binding of S-Methyl-5'-Thioadenosine and S-Adenosyl-L-Methionine to Protein MJ0100 Triggers an Open-to-Closed Conformational Change in Its CBS Motif Pair. JOURNAL OF MOLECULAR BIOLOGY. 396 - 3, pp. 800 - 820. ACADEMIC PRESS LTD- ELSEVIER SCIENCE LTD, 26/02/2010. ISSN 0022-2836, ISSN 1089-8638

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

**Impact index in year of publication:** 4.008**Position of publication:** 86**Source of citations:** WOS**Journal in the top 25%:** No**No. of journals in the cat.:** 286**Citations:** 41

- 39** I. Triano; F.N. Barrera; M.L. Renart; M.L. Molina; G. Fernández-Ballester; J.A. Poveda; A.M. Fernández; J.A. Encinar; A.V. Ferrer-Montiel; D. Otzen; J.M. González-Ros. Occupancy of nonannular lipid binding sites on KcsA greatly increases the stability of the tetrameric protein. *Biochemistry*. 49 - 25, pp. 5397 - 5404. 2010. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-77953896086&doi=10.1021%2fb1003712&partnerID=40&md5=c602a712eedeb5911f929d63f854995a>>. ISSN 00062960

Type of production: Scientific paper**Format:** Journal

- 40** Encinar, J. A.; Fernandez-Ballester, G.; Sanchez, I. E.; Hurtado-Gomez, E.; Stricher, F.; Beltrao, P.; Serrano, L.. ADAN: a database for prediction of protein-protein interaction of modular domains mediated by linear motifs. *BIOINFORMATICS*. 25 - 18, pp. 2418 - 2424. OXFORD UNIV PRESS, 15/09/2009. ISSN 1367-4803, ISSN 1460-2059

Type of production: Scientific paper**Format:** Journal**Impact source:** WOS (JCR)**Category:** Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY**Impact index in year of publication:** 4.926**Journal in the top 25%:** Yes**Position of publication:** 14**No. of journals in the cat.:** 152**Impact source:** WOS (JCR)**Category:** Science Edition - MATHEMATICAL & COMPUTATIONAL BIOLOGY**Impact index in year of publication:** 4.926**Journal in the top 25%:** Yes**Position of publication:** 2**No. of journals in the cat.:** 29**Impact source:** WOS (JCR)**Category:** Science Edition - BIOCHEMICAL RESEARCH METHODS**Impact index in year of publication:** 4.926**Journal in the top 25%:** Yes**Position of publication:** 9**No. of journals in the cat.:** 67**Source of citations:** WOS**Citations:** 23

- 41** Alfonso Martinez-Cruz, Luis; Encinar, Jose A.; Kortazar, Danel; Prieto, Jesus; Gomez, Javier; Fernandez-Millan, Pablo; Lucas, Maria; Astigarraga Arribas, Egoitz; Andres Fernandez, Jose; Luz Martinez-Chantar, Maria; Mato, Jose M.; Luis Neira, Jose. The CBS Domain Protein MJ0729 of *Methanocaldococcus jannaschii* Is a Thermostable Protein with a pH-Dependent Self-Oligomerization. *BIOCHEMISTRY*. 48 - 12, pp. 2760 - 2776. AMER CHEMICAL SOC, 31/03/2009. ISSN 0006-2960

Type of production: Scientific paper**Format:** Journal**Impact source:** WOS (JCR)**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 3.226**Journal in the top 25%:** No**Position of publication:** 103**No. of journals in the cat.:** 283**Source of citations:** WOS**Citations:** 9

- 42** Prades, Jesus; Antonio Encinar, Jose; Funari, Sergio S.; Manuel Gonzalez-Ros, Jose; Escriba, Pablo V.; Barcelo, Francisca. Interaction of transmembrane-spanning segments of the 2-adrenergic receptor with model membranes. *MOLECULAR MEMBRANE BIOLOGY*. 26 - 5-7, pp. 265 - 278. TAYLOR & FRANCIS LTD, 01/01/2009. ISSN 0968-7688, ISSN 1464-5203

Type of production: Scientific paper**Format:** Journal**Impact source:** WOS (JCR)



Impact index in year of publication: 2.777

Position of publication: 128

Impact source: WOS (JCR)

Impact index in year of publication: 2.777

Position of publication: 93

Source of citations: WOS

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 283

Category: Science Edition - CELL BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 162

Citations: 5

- 43** Martínez-Rodríguez, Sergio; Encinar, Jose A.; Hurtado-Gomez, Estefania; Prieto, Jesus; Clemente-Jimenez, Josefa M.; Las Heras-Vazquez, Francisco J.; Rodriguez-Vico, Felipe; Neira, Jose L.. Metal-triggered changes in the stability and secondary structure of a tetrameric dihydropyrimidinase: A biophysical characterization. BIOPHYSICAL CHEMISTRY. 139 - 1, pp. 42 - 52. ELSEVIER SCIENCE BV, 01/01/2009. ISSN 0301-4622, ISSN 1873-4200

Type of production: Scientific paper

Impact source: WOS (JCR)

Impact index in year of publication: 2.276

Position of publication: 171

Impact source: WOS (JCR)

Impact index in year of publication: 2.276

Position of publication: 46

Impact source: WOS (JCR)

Impact index in year of publication: 2.276

Position of publication: 53

Source of citations: WOS

Format: Journal

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 283

Category: Science Edition - BIOPHYSICS

Journal in the top 25%: No

No. of journals in the cat.: 74

Category: Science Edition - CHEMISTRY, PHYSICAL

Journal in the top 25%: No

No. of journals in the cat.: 121

Citations: 13

- 44** L.A. Martínez-Cruz; J.A. Encinar; D. Kortazar; J. Prieto; J. Gómez; P. Fernández-Millán; M. Lucas; E.A. Arribas; J.A. Fernández; M.L. Martínez-Chantar; J.M. Mato; J.L. Neira. The CBS domain protein MJ0729 of Methanocaldococcus jannaschii is a thermostable protein with a pH-dependent self-oligomerization. Biochemistry. 48 - 12, pp. 2760 - 2776. 2009. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-65249117438&doi=10.1021%2fb1801920r&partnerID=40&md5=3e3ce9530aad61c1b83ac651e26cdac>>. ISSN 00062960

Type of production: Scientific paper

Format: Journal

- 45** Molina, M. Luisa; Barrera, Francisco N.; Encinar, Jose A.; Renart, M. Lourdes; Fernandez, Asia M.; Poveda, Jose A.; Santoro, Jorge; Bruix, Marta; Gavilanes, Francisco; Fernandez-Ballester, Gregorio; Neira, Jose L.; Gonzalez-Ros, Jose M.. N-type inactivation of the potassium channel KcsA by the Shaker B "Ball" peptide - Mapping the inactivating peptide-binding epitope. JOURNAL OF BIOLOGICAL CHEMISTRY. 283 - 26, pp. 18076 - 18085. AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 27/06/2008. ISSN 0021-9258, ISSN 1083-351X

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Impact index in year of publication: 5.52

Journal in the top 25%: Yes

Position of publication: 41

No. of journals in the cat.: 275

Source of citations: WOS

Citations: 8

- 46** Barcelo, Francisca; Prades, Jesus; Encinar, Jose Antonio; Funari, Sergio S.; Voegler, Oliver; Gonzalez-Ros, Jose Manuel; Escriba, Pablo V.. Interaction of the C-terminal region of the G gamma protein with model membranes. *BIOPHYSICAL JOURNAL*. 93 - 7, pp. 2530 - 2541. *BIOPHYSICAL SOC*, 01/10/2007. ISSN 0006-3495
Type of production: Scientific paper **Format:** Journal
Impact source: WOS (JCR) **Category:** Science Edition - BIOPHYSICS
Impact index in year of publication: 4.627 **Journal in the top 25%:** Yes
Position of publication: 10 **No. of journals in the cat.:** 69
Source of citations: WOS **Citations:** 17
- 47** Renart, Maria L.; Barrera, Francisco N.; Molina, Maria L.; Encinar, Jose A.; Poveda, Jose A.; Fernandez, Asia M.; Gomez, Javier; Gonzalez-Ros, Jose M.. Effects of conducting and blocking ions on the structure and stability of the potassium channel KcsA. *JOURNAL OF BIOLOGICAL CHEMISTRY*. 281 - 40, pp. 29905 - 29915. *AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC*, 06/10/2006. ISSN 1083-351X
Type of production: Scientific paper **Format:** Journal
Impact source: WOS (JCR) **Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY
Impact index in year of publication: 5.808 **Journal in the top 25%:** Yes
Position of publication: 39 **No. of journals in the cat.:** 262
Source of citations: WOS **Citations:** 18
- 48** Molina, Maria L.; Barrera, Francisco N.; Fernandez, Asia M.; Poveda, Jose A.; Renart, Maria L.; Encinar, Jose A.; Riquelme, Gloria; Gonzalez-Ros, Jose M.. Clustering and coupled gating modulate the activity in KcsA, a potassium channel model. *JOURNAL OF BIOLOGICAL CHEMISTRY*. 281 - 27, pp. 18837 - 18848. *AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC*, 07/07/2006. ISSN 1083-351X
Type of production: Scientific paper **Format:** Journal
Impact source: WOS (JCR) **Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY
Impact index in year of publication: 5.808 **Journal in the top 25%:** Yes
Position of publication: 39 **No. of journals in the cat.:** 262
Source of citations: WOS **Citations:** 59
- 49** A. Morales; E. De Juan; A.M. Fernández-Carvajal; J. Martínez-Pinna; J.A. Poveda; J.A. Encinar; I. Ivorra; J.M. González-Ros. Nicotinic acetylcholine receptor properties are modulated by surrounding lipids: An in vivo study. *Journal of Molecular Neuroscience*. 30 - 1-2, pp. 5 - 6. 2006. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845959640&doi=10.1385%2fJMN%3a30%3a1%3a5&partnerID=40&md5=4c0dd9d87eff5641eb1bcb305ab3700d>>. ISSN 08958696
Type of production: Scientific paper **Format:** Journal
- 50** A.M. Fernández-Carvajal; J.A. Encinar; J.A. Poveda; E. De Juan; J. Martínez-Pinna; I. Ivorra; J.A. Ferragut; A. Morales; J.M. González-Ros. Structural and functional changes induced in the nicotinic acetylcholine receptor by membrane phospholipids. *Journal of Molecular Neuroscience*. 30 - 1-2, pp. 121 - 123. 2006. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-33845956512&doi=10.1385%2fJMN%3a30%3a1%3a121&partnerID=40&md5=3370c434e87a20b156c12cb1e27975f6>>. ISSN 08958696
Type of production: Scientific paper **Format:** Journal
- 51** Barrera, FN; Renart, ML; Molina, ML; Poveda, JA; Encinar, JA; Fernandez, AM; Neira, JL; Gonzalez-Ros, JM. Unfolding and refolding in vitro of a tetrameric, alpha-helical membrane protein: The prokaryotic potassium channel KcsA. *BIOCHEMISTRY*. 44 - 43, pp. 14344 - 14352. *AMER CHEMICAL SOC*, 01/11/2005. ISSN 0006-2960
Type of production: Scientific paper **Format:** Journal
Impact source: WOS (JCR)



Impact index in year of publication: 3.848

Position of publication: 72

Source of citations: WOS

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 261

Citations: 47

- 52** Encinar, JA; Molina, ML; Poveda, JA; Barrera, FN; Renart, ML; Fernandez, AM; Gonzalez-Ros, JM. The influence of a membrane environment on the structure and stability of a prokaryotic potassium channel, KcsA. FEBS LETTERS. 579 - 23, pp. 5199 - 5204. WILEY, 26/09/2005. ISSN 0014-5793, ISSN 1873-3468

Type of production: Scientific paper

Impact source: WOS (JCR)

Impact index in year of publication: 3.415

Position of publication: 18

Impact source: WOS (JCR)

Impact index in year of publication: 3.415

Position of publication: 58

Impact source: WOS (JCR)

Impact index in year of publication: 3.415

Position of publication: 84

Source of citations: WOS

Format: Journal

Category: Science Edition - BIOPHYSICS

Journal in the top 25%: No

No. of journals in the cat.: 65

Category: Science Edition - CELL BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 153

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 261

Citations: 18

- 53** M.L. Molina; J.A. Encinar; F.N. Barrera; G. Fernández-Ballester; G. Riquelme; J.M. González-Ros. Influence of C-terminal protein domains and protein-lipid interactions on tetramerization and stability of the potassium channel KcsA. Biochemistry. 43 - 47, pp. 14924 - 14931. 2004. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-9744272384&doi=10.1021%2fbi048889%2b&partnerID=40&md5=8bbd5f76d99405aabe9932a62c477aae>>. ISSN 00062960

Type of production: Scientific paper

Format: Journal

- 54** Encinar, JA; Fernandez, AM; Poveda, JA; Molina, ML; Albar, JP; Gavilanes, F; Gonzalez-Ros, JM. Probing the channel-bound Shaker B inactivating peptide by stereoisomeric substitution at a strategic tyrosine residue. BIOCHEMISTRY. 42 - 29, pp. 8879 - 8884. AMER CHEMICAL SOC, 29/07/2003. ISSN 0006-2960

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Impact index in year of publication: 3.922

Journal in the top 25%: Yes

Position of publication: 59

No. of journals in the cat.: 261

Source of citations: WOS

Citations: 3

- 55** Poveda, JA; Prieto, M; Encinar, JA; Gonzalez-Ros, JM; Mateo, CR. Intrinsic tyrosine fluorescence as a tool to study the interaction of the Shaker B "ball" peptide with anionic membranes. BIOCHEMISTRY. 42 - 23, pp. 7124 - 7132. AMER CHEMICAL SOC, 17/06/2003. ISSN 0006-2960

Type of production: Scientific paper

Format: Journal

Impact source: WOS (JCR)

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Impact index in year of publication: 3.922

Journal in the top 25%: Yes

Position of publication: 59

No. of journals in the cat.: 261

**Source of citations:** WOS**Citations:** 23

- 56** Mas, V; Perez, L; Encinar, JA; Pastor, MT; Rocha, A; Perez-Paya, E; Ferrer-Montiel, A; Ros, JMG; Estepa, A; Coll, JM. Salmonid viral haemorrhagic septicaemia virus: fusion-related enhancement of virus infectivity by peptides derived from viral glycoprotein G or a combinatorial library. JOURNAL OF GENERAL VIROLOGY. 83, pp. 2671 - 2681. SOC GENERAL MICROBIOLOGY, 01/11/2002. ISSN 0022-1317

Type of production: Scientific paper**Format:** Journal**Impact source:** WOS (JCR)**Category:** Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY**Impact index in year of publication:** 3.3**Journal in the top 25%:** Yes**Position of publication:** 19**No. of journals in the cat.:** 131**Impact source:** WOS (JCR)**Category:** Science Edition - VIROLOGY**Impact index in year of publication:** 3.3**Journal in the top 25%:** Yes**Position of publication:** 6**No. of journals in the cat.:** 24**Source of citations:** WOS**Citations:** 25

- 57** Poveda, JA; Encinar, JA; Fernandez, AM; Mateo, CR; Ferragut, JA; Gonzalez-Ros, JM. Segregation of phosphatidic acid-rich domains in reconstituted acetylcholine receptor membranes. BIOCHEMISTRY. 41 - 40, pp. 12253 - 12262. AMER CHEMICAL SOC, 08/10/2002. ISSN 0006-2960

Type of production: Scientific paper**Format:** Journal**Impact source:** WOS (JCR)**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 4.064**Journal in the top 25%:** Yes**Position of publication:** 58**No. of journals in the cat.:** 266**Source of citations:** WOS**Citations:** 28

- 58** Encinar, JA; Fernandez, AM; Molina, ML; Molina, A; Poveda, JA; Albar, JP; Lopez-Barneo, J; Gavilanes, F; Ferrer-Montiel, AV; Gonzalez-Ros, JM. Tyrosine phosphorylation of the inactivating peptide of the shaker B potassium channel: A structural-functional correlate. BIOCHEMISTRY. 41 - 40, pp. 12263 - 12269. AMER CHEMICAL SOC, 08/10/2002. ISSN 0006-2960

Type of production: Scientific paper**Format:** Journal**Impact source:** WOS (JCR)**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 4.064**Journal in the top 25%:** Yes**Position of publication:** 58**No. of journals in the cat.:** 266**Source of citations:** WOS**Citations:** 9

- 59** Estepa, AM; Rocha, AI; Mas, V; Perez, L; Encinar, JA; Nunez, E; Fernandez, A; Ros, JMG; Gavilanes, F; Coll, JM. A protein G fragment from the Salmonid viral hemorrhagic septicemia rhabdovirus induces cell-to-cell fusion and membrane phosphatidylserine translocation at low pH. JOURNAL OF BIOLOGICAL CHEMISTRY. 276 - 49, pp. 46268 - 46275. AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 07/12/2001. ISSN 0021-9258, ISSN 1083-351X

Type of production: Scientific paper**Format:** Journal**Impact source:** WOS (JCR)**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 7.258**Journal in the top 25%:** Yes**Position of publication:** 29**No. of journals in the cat.:** 308

**Source of citations:** WOS**Citations:** 29

- 60** Encinar, JA; Mallo, GV; Mizyrycki, C; Giono, L; Gonzalez-Ros, JM; Rico, M; Canepa, E; Moreno, S; Neira, JL; Iovanna, JL. Human p8 is a HMG-I/Y-like protein with DNA binding activity enhanced by phosphorylation. JOURNAL OF BIOLOGICAL CHEMISTRY. 276 - 4, pp. 2742 - 2751. AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 26/01/2001. ISSN 0021-9258, ISSN 1083-351X

Type of production: Scientific paper**Format:** Journal**Impact source:** WOS (JCR)**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 7.258**Journal in the top 25%:** Yes**Position of publication:** 29**No. of journals in the cat.:** 308**Source of citations:** WOS**Citations:** 94

- 61** J.A. Encinar; G.V. Mallo; C. Mizyrycki; L. Giono; J.M. González-Ros; M. Rico; E. Cánepa; S. Moreno; J.L. Neira; J.L. Iovanna. Human p8 Is a HMG-I/Y-like Protein with DNA Binding Activity Enhanced by Phosphorylation. Journal of Biological Chemistry. 276 - 4, pp. 2742 - 2751. 2001. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0035951881&doi=10.1074%2fjbc.M008594200&partnerID=40&md5=ac40fc08460d530b1d2955230966973a>>. ISSN 00219258

Type of production: Scientific paper**Format:** Journal

- 62** G. Riquelme; A.M. Fernández; J.A. Encinar; J.M. González-Ros; F.V. Sepúlveda. Effect of the inactivating 'ball' peptide of Shaker B on intermediate conductance Ca²⁺-dependent inwardly rectifying K⁺ channels of HeLa cells. Pflugers Archiv European Journal of Physiology. 438 - 6, pp. 879 - 882. 1999. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0010670867&doi=10.1007%2fs004240051119&partnerID=40&md5=8be4d08717043c86e8df59037feda286>>. ISSN 00316768

Type of production: Scientific paper**Format:** Journal

- 63** Encinar, JA; Fernandez, A; Ferragut, JA; Gonzalez-Ros, JM; DasGupta, BR; Montal, M; Ferrer-Montiel, A. Structural stabilization of botulinum neurotoxins by tyrosine phosphorylation. FEBS LETTERS. 429 - 1, pp. 78 - 82. WILEY, 05/06/1998. ISSN 1873-3468

Type of production: Scientific paper**Format:** Journal**Impact source:** WOS (JCR)**Category:** Science Edition - BIOPHYSICS**Impact index in year of publication:** 3.581**Journal in the top 25%:** Yes**Position of publication:** 10**No. of journals in the cat.:** 57**Impact source:** WOS (JCR)**Category:** Science Edition - CELL BIOLOGY**Impact index in year of publication:** 3.581**Journal in the top 25%:** Yes**Position of publication:** 29**No. of journals in the cat.:** 139**Impact source:** WOS (JCR)**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 3.581**Journal in the top 25%:** Yes**Position of publication:** 62**No. of journals in the cat.:** 295**Source of citations:** WOS**Citations:** 22

- 64** Encinar, JA; Fernandez, AM; Gil-Martin, E; Gavilanes, F; Albar, JP; Ferragut, JA; Gonzalez-Ros, JM. Inactivating peptide of the Shaker B potassium channel: conformational preferences inferred from studies on simple model systems. BIOCHEMICAL JOURNAL. 331, pp. 497 - 504. PORTLAND PRESS LTD, 15/04/1998. ISSN 0264-6021, ISSN 1470-8728



Type of production: Scientific paper

Impact source: WOS (JCR)

Impact index in year of publication: 3.855

Position of publication: 57

Source of citations: WOS

Format: Journal

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 295

Citations: 10

- 65** J.M. González-Ros; A.M. Fernández; J.A. Encinar; J.A. Poveda. 34 The segregation of a lipid domain underlies structural and functional modulation of acetylcholine receptor in reconstituted membranes. *Journal of Physiology-Paris*. 92 - 5, pp. 432 - 433. 1998. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0928425799800461>>. ISSN 0928-4257

Type of production: Scientific paper

Format: Journal

- 66** Izaskun Echabe; José Antonio Encinar; José Luis R. Arrondo. Removal of spectral noise in the quantitation of protein structure through infrared band decomposition. *Biospectroscopy*. 3 - 6, pp. 469 - 475. 1997. Available on-line at: <<https://onlinelibrary.wiley.com/doi/abs/10.1002/%28SICI%291520-6343%281997%293%3A6%3C469%3A%3AAID-BSPY6%3E3.0.CO%3B2-W>>.

Type of production: Scientific paper

Format: Journal

- 67** RodríguezCrespo, I; GomezGutierrez, J; Encinar, JA; GonzalezRos, JM; Albar, JP; Peterson, DL; Gavilanes, F. Structural properties of the putative fusion peptide of hepatitis B virus upon interaction with phospholipids - Circular dichroism and Fourier-transform infrared spectroscopy studies. *EUROPEAN JOURNAL OF BIOCHEMISTRY*. 242 - 2, pp. 243 - 248. SPRINGER VERLAG, 01/12/1996. ISSN 0014-2956

Type of production: Scientific paper

Format: Journal

Source of citations: WOS

Citations: 18

- 68** J.A. Encinar; J. Sánchez-Yagüe; M. Llanillo; M.-D. Ludeña. Enzymatic Determination of Phosphatidylcholine, Sphingomyelin and Phosphatidylglycerol in Lipid Dispersions, Blood Cell Membranes and Rat Pulmonary Surfactant. *Clinical Chemistry and Laboratory Medicine*. 34 - 1, pp. 9 - 16. 1996. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-85025278635&doi=10.1515%2fcclm.1996.34.1.9&partnerID=40&md5=c18a76a04e1e978944bad0479c86f966>>. ISSN 14346621

Type of production: Scientific paper

Format: Journal

- 69** J.A. Encinar; A.M. Fernandez; F. Gavilanes; J.P. Albar; J.A. Ferragut; J.M. Gonzalez-Ros. Interaction between ion channel-inactivating peptides and anionic phospholipid vesicles as model targets. *Biophysical Journal*. 71 - 3, pp. 1313 - 1323. Biophysical Society, 1996. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029781536&doi=10.1016%2fS0006-3495%2896%2979331-1&partnerID=40&md5=426782b20d60835024071e8>> ISSN 00063495

Type of production: Scientific paper

Format: Journal

- 70** I. Rodríguez-Crespo; J. Gómez-Gutiérrez; J.A. Encinar; J.M. González-Ros; J.P. Albar; D.L. Peterson; F. Gavilanes. Structural properties of the putative fusion peptide of hepatitis B virus upon interaction with phospholipids. *European Journal of Biochemistry*. 242 - 2, pp. 243 - 248. Blackwell Publishing Ltd, 1996. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0029808164&doi=10.1111%2fj.1432-1033.1996.0243r.x&partnerID=40&md5=b9c9909aaef937b3609a9f7e876d0>> ISSN 00142956

Type of production: Scientific paper

Format: Journal



- 71** A.M. Fernandez; A. Molina; J.A. Encinar; F. Gavilanes; J. López-Barneo; J.M. Gonzalez-Ros. Synthesis of a photoaffinity labeling analogue of the inactivating peptide of the Shaker B potassium channel. FEBS Letters. 398 - 1, pp. 81 - 86. 1996. Available on-line at: <<https://www.scopus.com/inward/record.uri?eid=2-s2.0-0043100163&doi=10.1016%2fS0014-5793%2896%2901186-6&partnerID=40&md5=3687eabaec7c2d6827c602>> ISSN 00145793
Type of production: Scientific paper **Format:** Journal
- 72** Asía María Fernández Carvajal; José Antonio Poveda Larrosa; José Antonio Encinar Hidalgo; Andrés Morales Calderón; José Manuel Gonzalez Ros. Structural and Functional Modulation of Ion Channels by Specific Lipids: from Model Systems to Cell Membranes. Protein-Lipid Interactions. Berlin, Heidelberg Springer, Berlin, Heidelberg, 2006. Available on-line at: <https://doi.org/10.1007/3-540-28435-4_8>. ISBN 978-3-540-28435-2
Type of production: Book chapter **Format:** Book
- 73** José Antonio Poveda Larrosa; José Antonio Encinar Hidalgo; María Asía Fernández Carvajal; Carmen Reyes Mateo Martínez. Segregation of phosphatidic acid-rich domains in reconstituted acetylcholine receptor membranes. Cholinergic mechanism: Function and dysfunction. Taylor & Francis Group, 2004. ISBN 1841840750
Type of production: Book chapter **Format:** Book
- 74** J. A. and Fernández Encinar; J. A. and González-Ros A. M. and Poveda. Lipid-Protein Interactions in Reconstituted Membranes Containing Nicotinic Acetylcholine Receptor. pp. 339 - 340. Springer Netherlands, 1997. Available on-line at: <https://doi.org/10.1007/978-94-011-5622-6_152>. ISBN 978-94-011-5622-6
Type of production: Book chapter **Format:** Book
- 75** Javier Alvarez-Martinez, Francisco; Barrajon-Catalan, Enrique; Antonio Encinar, Jose; Carlos Rodriguez-Diaz, Juan; Micol, Vicente. Antimicrobial Capacity of Plant Polyphenols against Gram-positive Bacteria: A Comprehensive Review. CURRENT MEDICINAL CHEMISTRY. 27 - 15, pp. 2576 - 2606. 01/01/2020. ISSN 0929-8673, ISSN 1875-533X
Format: Journal
Source of citations: WOS **Citations:** 10
- 76** Olivares-Vicente, Marilo; Barrajon-Catalan, Enrique; Herranz-Lopez, Maria; Segura-Carretero, Antonio; Joven, Jorge; Antonio Encinar, Jose; Micol, Vicente. Plant-Derived Polyphenols in Human Health: Biological Activity, Metabolites and Putative Molecular Targets. CURRENT DRUG METABOLISM. 19 - 4, pp. 351 - 369. 01/01/2018. ISSN 1389-2002, ISSN 1875-5453
Format: Journal
Impact source: WOS (JCR) **Category:** Science Edition - PHARMACOLOGY & PHARMACY
Impact index in year of publication: 2.277 **Journal in the top 25%:** No
Position of publication: 158 **No. of journals in the cat.:** 267
Impact source: WOS (JCR) **Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY
Impact index in year of publication: 2.277 **Journal in the top 25%:** No
Position of publication: 200 **No. of journals in the cat.:** 299
Source of citations: WOS **Citations:** 17
- 77** Herranz-Lopez, Maria; Olivares-Vicente, Marilo; Encinar, Jose Antonio; Barrajon-Catalan, Enrique; Segura-Carretero, Antonio; Joven, Jorge; Micol, Vicente. Multi-Targeted Molecular Effects of Hibiscus sabdariffa Polyphenols: An Opportunity for a Global Approach to Obesity. NUTRIENTS. 9 - 8, 01/08/2017. ISSN 2072-6643
Format: Journal
Impact source: WOS (JCR) **Category:** Science Edition - NUTRITION & DIETETICS
Impact index in year of publication: 4.196 **Journal in the top 25%:** Yes



Position of publication: 18

No. of journals in the cat.: 83

Source of citations: WOS

Citations: 23

- 78** Ruiz-Torres, Veronica; Antonio Encinar, Jose; Herranz-Lopez, Maria; Perez-Sanchez, Almudena; Galiano, Vicente; Barrajon-Catalan, Enrique; Micol, Vicente. An Updated Review on Marine Anticancer Compounds: The Use of Virtual Screening for the Discovery of Small-Molecule Cancer Drugs. MOLECULES. 22 - 7, 01/07/2017. ISSN 1420-3049

Format: Journal

Impact source: WOS (JCR)

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Impact index in year of publication: 3.098

Journal in the top 25%: No

Position of publication: 131

No. of journals in the cat.: 293

Impact source: WOS (JCR)

Category: Science Edition - CHEMISTRY, MULTIDISCIPLINARY

Impact index in year of publication: 3.098

Journal in the top 25%: No

Position of publication: 68

No. of journals in the cat.: 171

Source of citations: WOS

Citations: 71

- 79** Poveda, J. A.; Giudici, A. M.; Renart, M. L.; Molina, M. L.; Montoya, E.; Fernandez-Carvajal, A.; Fernandez-Ballester, G.; Encinar, J. A.; Gonzalez-Ros, J. M.. Lipid modulation of ion channels through specific binding sites. BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES. 1838 - 6, pp. 1560 - 1567. 01/06/2014. ISSN 0005-2736, ISSN 1879-2642

Format: Journal

Impact source: WOS (JCR)

Category: Science Edition - BIOPHYSICS

Impact index in year of publication: 3.836

Journal in the top 25%: Yes

Position of publication: 18

No. of journals in the cat.: 73

Impact source: WOS (JCR)

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Impact index in year of publication: 3.836

Journal in the top 25%: No

Position of publication: 83

No. of journals in the cat.: 290

Source of citations: WOS

Citations: 39

- 80** Poveda, J. A.; Fernandez, A. M.; Encinar, J. A.; Gonzalez-Ros, J. M.. Protein-promoted membrane domains. BIOCHIMICA ET BIOPHYSICA ACTA-BIOMEMBRANES. 1778 - 7-8, pp. 1583 - 1590. 01/07/2008. ISSN 0005-2736

Format: Journal

Impact source: WOS (JCR)

Category: Science Edition - BIOPHYSICS

Impact index in year of publication: 4.18

Journal in the top 25%: Yes

Position of publication: 14

No. of journals in the cat.: 71

Impact source: WOS (JCR)

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Impact index in year of publication: 4.18

Journal in the top 25%: No

Position of publication: 72

No. of journals in the cat.: 275

Source of citations: WOS

Citations: 29

- 81** Gonzalez-Ros, Jose Manuel; Encinar, Jose A.; Soreq, Hermona; Karczmar, Alexander G.. The XII International Symposium on Cholinergic Mechanisms. JOURNAL OF MOLECULAR NEUROSCIENCE. 30 - 1-2, pp. 1 - 2. 01/01/2006. ISSN 0895-8696, ISSN 1559-1166



Format: Journal

Impact source: WOS (JCR)

Impact index in year of publication: 2.965

Position of publication: 104

Impact source: WOS (JCR)

Impact index in year of publication: 2.965

Position of publication: 74

Source of citations: WOS

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 262

Category: Science Edition - NEUROSCIENCES

Journal in the top 25%: No

No. of journals in the cat.: 200

Citations: 0

Works presented at national or international conferences

- 1 Title of the work:** Procesos implicados en la interacción del péptido inactivante del canal de K⁺ tipo Shaker B con matrices lipídicas.
Name of the conference: 1st Portuguese-Spanish Biophysics Congress. V Congreso de la Sociedad de Biofísica de España.
Type of participation: Participatory - poster
City of event: Lisboa, Lisboa, Portugal
Date of event: 1995
Organising entity: Sociedade Portuguesa de Biofísica
Type of entity: Associations and Groups
Publication in conference proceedings: Yes
J.M. González Ros; E. Gil; A.M. Fernández Carvajal; J.A. Encinar.
- 2 Title of the work:** Interaction of the inactivating peptide of the Shaker B K⁺ channel with lipid vesicles.
Name of the conference: V Congreso Hispano Portugués de Bioquímica.
Type of event: Conference
Type of participation: Participatory - poster
City of event: Salamanca, Castilla y León, Spain
Date of event: 27/09/1994
End date: 30/09/1994
Organising entity: Sociedad Española de Bioquímica y Biología Molecular.
Type of entity: Associations and Groups
Publication in conference proceedings: Yes
J.M. González Ros; E. Gil; A. Fernández Carvajal; G.J. Fernández Ballester; J.A. Encinar.
- 3 Title of the work:** Nicotinic acetylcholine receptor properties are modulated by surrounding lipids - An in vivo study
Name of the conference: 12th International Symposium on Cholinergic Mechanisms
City of event: Alicante,
Organising entity: Univ Miguel Hernandez; Caja Ahorros Mediterraneo; Ayuntamiento Alicante; Patronato Municipal Turismo Playas Alicante; Soc Espanola Bioquim Biol Mole; Soc Biofis Espana; Soc Espanola Neurociencia; Int
Type of contribution: Scientific paper
Morales, Andres; de Juan, Emilio; Fernandez-Carvajal, Asia M.; Martinez-Pinna, Jose; Poveda, Juan Antonio; Encinar, Jose A.; Ivorra, Isabel; Gonzalez-Ros, Jose Manuel. "JOURNAL OF MOLECULAR NEUROSCIENCE". 30 - 1-2, pp. 5 - 6. 01/01/2006. ISSN 0895-8696, ISSN 1559-1166



R&D management and participation in scientific committees

Organization of R&D activities

- 1** **Title of the activity:** Neurosciences and Structural Biology. New travel Mates for a long Trip.
Type of activity: Curso **Geographical area:** Non EU International
City of event: Soria, Castilla y León, Spain
Convening entity: Fundación Duques de Soria **Type of entity:** Foundation
City convening entity: Soria, Castilla y León, Spain
Type of participation: Organiser
Start-End date: 14/07/2008 - 18/07/2008 **Duration:** 5 days
- 2** **Title of the activity:** II REUNION DE ESTABILIDAD, PLEGAMIENTO E INTERACCION DE PROTEINAS
Type of activity: Congreso **Geographical area:** National
City of event: Elche, Comunitat Valenciana, Spain
Convening entity: Universidad Miguel Hernández de Elche **Type of entity:** University
City convening entity: Elche, Comunitat Valenciana, Spain
Type of participation: Organiser
Start-End date: 08/03/2007 - 09/03/2007 **Duration:** 2 days
- 3** **Title of the activity:** XXIX CONGRESO DE LA SEBBM
Type of activity: Congreso **Geographical area:** National
City of event: Elche, Comunitat Valenciana, Spain
Convening entity: SEBBM **Type of entity:** Associations and Groups
City convening entity: Elche, Comunitat Valenciana, Spain
Type of participation: Organiser
Start-End date: 07/09/2006 - 10/09/2006 **Duration:** 4 days
- 4** **Title of the activity:** XII International Symposium on Cholinergic Mechanisms (ISCM)
Type of activity: Congreso **Geographical area:** European Union
City of event: Elche, Comunitat Valenciana, Spain
Convening entity: Universidad Miguel Hernández de Elche **Type of entity:** University
City convening entity: Elche, Comunitat Valenciana, Spain
Type of participation: Organiser
Start-End date: 01/10/2005 - 10/09/2006 **Duration:** 4 days
- 5** **Title of the activity:** III Reunión de la Red Temática Nacional sobre Plegamiento, Estabilidad e Ingeniería de Proteínas.
Type of activity: Congreso **Geographical area:** National
City of event: Guardamar del Segura, Comunitat Valenciana, Spain
Convening entity: Universidad Miguel Hernández de Elche **Type of entity:** University
City convening entity: Elche, Comunitat Valenciana, Spain
Type of participation: Organiser
Start-End date: 07/11/1999 - 09/11/1999 **Duration:** 2 days



Other achievements

Stays in public or private R&D centres

- 1** **Entity:** European Molecular Biology Laboratory in Heidelberg. **Type of entity:** Public Research Body
Faculty, institute or centre: EMBL
City of entity: Heidelberg, Germany
Start-End date: 01/04/2004 - 30/09/2006
Name of programme: PENELOPE
Goals of the stay: Post-doctoral
Provable tasks: Project 1: Development and implementation of the web site for ADAN database for protein modular domains implied in protein-protein interactions. Project 2: Computational design of competitive inhibitors and modulators in the superfamily of protein MAPK, CDK, PKA and AURORA kinases.
- 2** **Entity:** Institute de Biologie Physico-Chimique, CNRS **Type of entity:** University Research Institute
City of entity: Paris, Île de France, France
Start-End date: 01/11/2000 - 31/10/2001
Name of programme: EUROPEAN COMMUNITY RESEARCH TRAINING NETWORK.
Goals of the stay: Post-doctoral
Provable tasks: Sphingolipids synthesis and organization: vital role in membrane traffic and Signalling.
- 3** **Entity:** Department of Cell Biology and Histology del Academisch Medisch Centrum.-Universidad de Amsterdam. **Type of entity:** R&D Centre
City of entity: Amsterdam, Holland
Start-End date: 31/10/2000 - 31/10/2000
Name of programme: EUROPEAN COMMUNITY RESEARCH TRAINING NETWORK.
Goals of the stay: Post-doctoral
Provable tasks: Estudiar las posibles funciones de los transportadores de múltiples drogas en la translocación de lípidos a través de la bicapa de la membrana celular.

Obtained grants and scholarships

- 1** **Name of the grant:** Becas Predoctorales en España. Promoción General del Conocimiento. Programa de Formación de Profesorado Universitario y Personal Investigador.
City awarding entity: Alicante, Comunitat Valenciana, Spain
Aims: Pre-doctoral
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
Conferral date: 18/02/1994
End date: 30/09/1997
Entity where activity was carried out: Universidad de Alicante
Faculty, institute or centre: Facultad de Medicina. Instituto de Neurociencias de Alicante.
- 2** **Name of the grant:** Beca para realizar estudios de quinto curso de la Licenciatura en Ciencias Biológicas.
City awarding entity: Salamanca, Castilla y León, Spain
Aims: Pre-doctoral
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA



Amount of the grant: 2.806,73 €

Conferral date: 1991

End date: 1992

Entity where activity was carried out: Universidad de Salamanca

Faculty, institute or centre: Facultad de Biología

- 3** **Name of the grant:** Beca para realizar estudios de cuarto curso de la Licenciatura en Ciencias Biológicas.
City awarding entity: Salamanca, Castilla y León, Spain
Aims: Pre-doctoral
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
Amount of the grant: 2.656,47 €
Conferral date: 1990
End date: 1991
Entity where activity was carried out: Universidad de Salamanca
Faculty, institute or centre: Facultad de Biología
- 4** **Name of the grant:** Beca para realizar estudios de tercer curso de la Licenciatura en Ciencias Biológicas.
City awarding entity: Salamanca, Castilla y León, Spain
Aims: Pre-doctoral
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
Amount of the grant: 2.494,2 €
Conferral date: 1989
End date: 1990
Entity where activity was carried out: Universidad de Salamanca
Faculty, institute or centre: Facultad de Biología
- 5** **Name of the grant:** Beca para realizar estudios de segundo curso de la Licenciatura en Ciencias Biológicas.
City awarding entity: Salamanca, Castilla y León, Spain
Aims: Pre-doctoral
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
Amount of the grant: 2.253,8 €
Conferral date: 1988
End date: 1989
Entity where activity was carried out: Universidad de Salamanca
Faculty, institute or centre: Facultad de Biología
- 6** **Name of the grant:** Beca para realizar estudios de primer curso de la Licenciatura en Ciencias Biológicas.
City awarding entity: Salamanca, Castilla y León, Spain
Aims: Pre-doctoral
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
Amount of the grant: 1.923,24 €
Conferral date: 1987
End date: 1988
Entity where activity was carried out: Universidad de Salamanca
Faculty, institute or centre: Facultad de Biología



Prizes, mentions and distinctions

- 1** **Description:** Premio UMH 2016 a la competitividad investigadora.
Awarding entity: Universidad Miguel Hernández de Elche **Type of entity:** University
City awarding entity: Elche, Comunitat Valenciana, Spain
Conferral date: 22/11/2017
Recognition linked: Diploma acreditativo
- 2** **Description:** Premio UMH 2015 a la competitividad investigadora.
Awarding entity: Universidad Miguel Hernández de Elche **Type of entity:** University
City awarding entity: Elche, Comunitat Valenciana, Spain
Conferral date: 28/09/2016
Recognition linked: Diploma acreditativo
- 3** **Description:** Premio UMH 2014 a la competitividad investigadora.
Awarding entity: Universidad Miguel Hernández de Elche **Type of entity:** University
City awarding entity: Elche, Comunitat Valenciana, Spain
Conferral date: 04/09/2015
Recognition linked: Diploma acreditativo
- 4** **Description:** Premio Extraordinario del Programa de Doctorado de Neurociencias
Awarding entity: Universidad Miguel Hernández de Elche **Type of entity:** University
City awarding entity: Elche, Comunitat Valenciana, Spain
Conferral date: 26/01/2001
Recognition linked: Inclusión del premio en el Título de Doctor en Ciencias por la Universidad Miguel Hernández de Elche.

Obtained accreditations/recognitions

- 1** **Description:** Tramo de investigación (2006-2011): tercer sexenio.
Accrediting entity: Comisión Nacional Evaluadora de la Actividad Investigadora **Type of entity:** State agency
City accrediting entity: Madrid, Madrid, Comunidad de, Spain
Nº of recognized periods: 1
Date of reception: 06/06/2012 **Date of recognition:** 06/06/2012
- 2** **Description:** Tramo de investigación (1994-1999): primer sexenio.
Accrediting entity: Comisión Nacional Evaluadora de la Actividad Investigadora **Type of entity:** State agency
City accrediting entity: Madrid, Madrid, Comunidad de, Spain
Nº of recognized periods: 2
Date of reception: 13/10/2010 **Date of recognition:** 13/10/2010



- 3** **Description:** Tramo de investigación (2000-2005): segundo sexenio.
Accrediting entity: Comisión Nacional Evaluadora de la Actividad Investigadora **Type of entity:** State agency
City accrediting entity: Madrid, Madrid, Comunidad de, Spain
Nº of recognized periods: 2
Date of reception: 13/10/2010 **Date of recognition:** 13/10/2010
- 4** **Description:** Acreditación al cuerpo de Profesor Titular de Universidad
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** Estatal
City accrediting entity: Madrid, Madrid, Comunidad de, Spain
Date of recognition: 16/03/2009
- 5** **Description:** Acreditación al cuerpo de Profesor Contratado Doctor. Ref. R-2003-406
Accrediting entity: Agencia Nacional de Evaluación de la Calidad y Acreditación **Type of entity:** Estatal
City accrediting entity: Madrid, Madrid, Comunidad de, Spain
Date of recognition: 18/05/2003
- 6** **Description:** Acreditación a los cuerpos de Profesor Contratado Doctor, Profesor Ayudante Doctor, Profesor Colaborador y Profesor de Universidad Privada.
Accrediting entity: Comisión Valenciana de Acreditación y Evaluación de la Calidad del Sistema Universitario Valenciano.
City accrediting entity: Valencia, Comunitat Valenciana, Spain
Date of recognition: 09/05/2003