

c v n CURRÍCULUM VITAE NORMALIZADO



GLORIA OLASO GONZALEZ

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**GLORIA OLASO GONZALEZ**

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Current professional situation**Employing entity:** Universitat de València**Department:** FACULTAT MEDICINA I ODONTOLOGIA (LIC. MEDICINA), FISIOLÓGIA**Professional category:** AYUDANTE DR.**Start date:** 24/09/2016**Type of contract:** Temporary employment contract**Dedication regime:** Full time**Primary (UNESCO code):** 241106 - Exercise physiology**Secondary (UNESCO code):** 241010 - Human physiology**Tertiary (UNESCO code):** 221022 - Photochemistry**Performed tasks:** FILL THE INFORMATION ABOUT PRESENT PROFESSIONAL OCUPATION IN YOUR TEXT'S CURRICULA TAB**Previous positions and activities**

	Employing entity	Professional category	Start date
1	Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia	Profesor Asociado P06 Departamento de Fisiología.	01/09/2015
2	Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia	Profesor Asociado P3 Departamento de Fisiología.	01/08/2015
3	Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia	Profesor Asociado P06EXT Departamento de Fisiología.	01/02/2015
4		Profesor Asociado P03 Departamento de Fisiología.	14/10/2014

	Employing entity	Professional category	Start date
	Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia		
5	Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia	Profesor Asociado P03 Departamento de Fisiología.	28/10/2013
6	Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia	Investigador Doctor Senior	01/08/2013
7	Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia	Profesor Asociado P06 Departamento de Fisiología.	21/02/2013
8	Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia	Técnico Superior de Investigación	04/04/2012
9	DEPARTAMENTO DE FISIOLÓGIA, FACULTAD DE MEDICINA Y ODONTOLOGÍA, UNIVERSITAT DE VALÈNCIA	PERSONAL LABORAL EVENTUAL, TÉCNICO SUPERIOR DE INVESTIGACIÓN, GRUPO A	07/02/2009
10	INSTITUTO DE CIENCIA MOLECULAR-UNIVERSITAT DE VALÈNCIA	PERSONAL LABORAL EVENTUAL, TÉCNICO SUPERIOR DE INVESTIGACIÓN, GRUPO A	10/04/2008
11	INSTITUTO DE CIENCIA MOLECULAR-UNIVERSITAT DE VALÈNCIA	CONTRATADO LABORAL EVENTUAL, INVESTIGADOR EN FORMACIÓN, GRUPO A	04/02/2006
12	DEPARTAMENTO DE QUÍMICA FÍSICA-FACULTAD DE QUÍMICA	BECARIO DE INVESTIGACIÓN MEC FPU, GRUPO A	21/01/2004

- 1** **Employing entity:** Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia
Professional category: Profesor Asociado P06 Departamento de Fisiología.
Start date: 01/09/2015 **Duration:** 1 year
- 2** **Employing entity:** Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia
Professional category: Profesor Asociado P3 Departamento de Fisiología.
Start date: 01/08/2015 **Duration:** 1 month
- 3** **Employing entity:** Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia
Professional category: Profesor Asociado P06EXT Departamento de Fisiología.
Start date: 01/02/2015 **Duration:** 6 months
- 4** **Employing entity:** Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia
Professional category: Profesor Asociado P03 Departamento de Fisiología.
Start date: 14/10/2014 **Duration:** 3 months - 18 days
- 5** **Employing entity:** Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia
Professional category: Profesor Asociado P03 Departamento de Fisiología.
Start date: 28/10/2013 **Duration:** 3 months - 10 days



- 6** **Employing entity:** Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia
Professional category: Investigador Doctor Senior
Start date: 01/08/2013 **Duration:** 3 years - 1 month - 15 days
- 7** **Employing entity:** Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia
Professional category: Profesor Asociado P06 Departamento de Fisiología.
Start date: 21/02/2013 **Duration:** 5 months - 5 days
- 8** **Employing entity:** Departamento de Fisiología. Facultad de Medicina y Odontología. Universidad de Valencia
Professional category: Técnico Superior de Investigación
Start date: 04/04/2012 **Duration:** 1 year - 1 month - 22 days
- 9** **Employing entity:** DEPARTAMENTO DE FISIOLÓGIA, FACULTAD DE MEDICINA Y ODONTOLOGÍA, UNIVERSITAT DE VALÈNCIA
Professional category: PERSONAL LABORAL EVENTUAL, TÉCNICO SUPERIOR DE INVESTIGACIÓN, GRUPO A
Start date: 07/02/2009 **Duration:** 3 years
- 10** **Employing entity:** INSTITUTO DE CIENCIA MOLECULAR-UNIVERSITAT DE VALÈNCIA
Professional category: PERSONAL LABORAL EVENTUAL, TÉCNICO SUPERIOR DE INVESTIGACIÓN, GRUPO A
Start date: 10/04/2008 **Duration:** 4 months - 22 days
- 11** **Employing entity:** INSTITUTO DE CIENCIA MOLECULAR-UNIVERSITAT DE VALÈNCIA
Professional category: CONTRATADO LABORAL EVENTUAL, INVESTIGADOR EN FORMACIÓN, GRUPO A
Start date: 04/02/2006 **Duration:** 1 year - 11 months - 28 days
- 12** **Employing entity:** DEPARTAMENTO DE QUÍMICA FÍSICA-FACULTAD DE QUÍMICA
Professional category: BECARIO DE INVESTIGACIÓN MEC FPU, GRUPO A
Start date: 21/01/2004 **Duration:** 2 years - 4 months - 11 days



Education

University education

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

- 1 University degree:** Diploma / Degree / Activities
Name of qualification: Licenciada en Ciencia y Tecnología de los Alimentos
City degree awarding entity: Spain
Degree awarding entity: Facultad de Farmacia - Universitat de València
Date of qualification: 06/03/2007
- 2 University degree:** Diploma / Degree / Activities
Name of qualification: Diploma de Estudios Avanzados (DEA)
City degree awarding entity: Spain
Degree awarding entity: Instituto de Ciencia Molecular (ICMol) - Universitat de València
Date of qualification: 11/10/2005
- 3 University degree:** Diploma / Degree / Activities
Name of qualification: Premio Extraordinario de Licenciatura en Química Curso 2002/2003
City degree awarding entity: Spain
Degree awarding entity: Universitat de València
Date of qualification: 27/01/2004
- 4 University degree:** Diploma / Degree / Activities
Name of qualification: Licenciada en Química
City degree awarding entity: Spain
Degree awarding entity: Universitat de València
Date of qualification: 25/07/2003

Doctorates

Doctorate programme: Doctora en Química
Degree awarding entity: Instituto de Ciencia Molecular (ICMol) - Universitat de València
City degree awarding entity: Spain
Date of degree: 06/11/2009

Type of entity: University Research Institute

Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
Catalan	C2	C2	C2	C2	C2
English	B2	B2	B2	B2	B2
Italian	B2	B2	B2	B2	B2
German	A1	A1	A1	A1	A1

Teaching experience

Experience supervising doctoral thesis and/or final year projects

- 1 Project title:** La dieta vegetariana y su efecto protector frente al cáncer. Revisión bibliográfica.
Type of project: Final Degree work
Entity: Universidad Católica de Valencia UCV
City of entity: Spain
Student: Paula Ara Sánchez
Obtained qualification: Excellent
Date of reading: 2017
- 2 Project title:** Epilepsia infantil y dieta cetogénica. Caracterización metabólica y de estrés oxidativo.
Type of project: Working Master or third cycle over 12 credits
Entity: Universitat de València
City of entity: Spain
Student: Julián Castelló Vercher
Obtained qualification: Excellent
Date of reading: 2017
- 3 Project title:** Efectos de las dietas bajas en hidratos de carbono a largo plazo: una revisión sistemática
Type of project: Final Degree work
Entity: Universidad Católica de Valencia
City of entity: Spain
Student: José Luis Barrachina
Date of reading: 2016
- 4 Project title:** Alimentación y Calidad de Vida en la Enfermedad Inflamatoria Intestinal
Type of project: Final Degree work
Entity: Universidad Católica de Valencia
City of entity: Spain
Student: Rosa Isabel Grau
Date of reading: 2016
- 5 Project title:** Caracterización de la relación entre el consumo de carne roja y/o procesada y la incidencia de cáncer. Revisión bibliográfica.
Type of project: Final Degree work
Entity: Universidad Católica de Valencia UCV



City of entity: Spain
Student: Nuldy Zuleny Rodriguez Muñoz
Obtained qualification: Excellent
Date of reading: 2016

- 6** **Project title:** ESTUDIO DE LOS HÁBITOS ALIMENTARIOS DE ESCOLARES DE LA CIUDAD DE VALENCIA: INFLUENCIA DE LA FAMILIA
Type of project: Doctoral thesis
Entity: Universidad Católica de Valencia
City of entity: Spain
Student: Encarnación Alba Tamarit
Obtained qualification: Excellent Cum Laude
Date of reading: 2015
- 7** **Project title:** EL PAPEL DE LA MUJER EN LA MEDICINA. SU HISTORIA
Type of project: Working Master or third cycle over 12 credits
Entity: Universidad Católica de Valencia
City of entity: Spain
Student: María José Antolino Martínez
Date of reading: 2015
- 8** **Project title:** Efectos del ejercicio físico y la administración de alopurinol sobre biomarcadores musculares y cardiovasculares. El ejercicio físico como promotor de longevidad
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: Fabian Sanchis Gomar
Obtained qualification: Excellent Cum Laude
Date of reading: 2014
- 9** **Project title:** LA INHIBICIÓN DE LAS E3 UBIQUITIN-LIGASAS, A TRAVÉS DE NF-κB Y p38, PREVIENE LA ATROFIA MUSCULAR. UTILIDAD DE LA INDOMETACINA Y EL ALOPURINOL
Type of project: Doctoral thesis
Entity: Valencia
City of entity: Spain
Student: Beatriz Ferrando
Obtained qualification: Excellent Cum Laude and Honors
Date of reading: 2014
European doctorate: Yes
- 10** **Project title:** El papel del ejercicio físico en la inducción de BDNF y sus vías de señalización en el sistema nervioso central. Aplicación neurobiológica en modelos sanos y terapéutica en la enfermedad de Alzheimer.
Type of project: Doctoral thesis
Entity: Universitat de València
City of entity: Spain
Student: Helios Pareja Galeano
Obtained qualification: Excellent Cum Laude
Date of reading: 2014
European doctorate: Yes



- 11** **Project title:** Políticas públicas y programas de salud para la mujer en situación de violencia. Estudio comparativo España-Brasil.
Type of project: Working Master or third cycle over 12 credits
Entity: Universidad Católica de Valencia
City of entity: Spain
Student: Mar Pastor Bravo
Date of reading: 2014
- 12** **Project title:** Los bisfosfonatos: una revisión sistemática aplicada a la ortodoncia.
Type of project: Working Master or third cycle over 12 credits
Entity: Universidad Católica de Valencia
City of entity: Spain
Student: M^a Teresa Cama Bonet
Date of reading: 2014

Participation in innovative teaching projects

Project title: Concurso SEMIENVEJECER: el concurso de los seminarios de Fisiología del envejecimiento
Type of participation: Team member
Time of working relationship: For an undetermined time
Name of the main researcher: Consuelo Borrás, Gloria Olaso
Number of participants: 3
Amount awarded: 425 €
Funding entity: Universitat de València **Type of entity:** University
Participating entity/entities: Universitat de València **Type of entity:** University
Type of call: Competitive
Start-End date: 01/09/2016 - 30/06/2017 **Duration:** 10 months

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:** ENVEJECIMIENTO CEREBRAL: PROTECCION CONTRA EL DAÑO ASOCIADO AL MISMO Y SU APLICACION A LA ENFERMEDAD DE ALZHEIMER.
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): José Viña
Nº of researchers: 12
Funding entity or bodies: MINECO. Ministerio de Economía y Competitividad **Type of entity:** **Ministeris
City funding entity: Spain
Code according to the funding entity: SAF2016-75508-R



Start-End date: 01/01/2017 - 31/12/2020 **Duration:** 4 years
Participating entity/entities: Universitat de València
Total amount: 140.000 €

2 **Name of the project:** CIBER EN EL ÁREA DE ENVEJECIMIENTO Y FRAGILIDAD (CB16/10/00435). Programa 'Mecanismos básicos, clínicos y ambientales asociados al desarrollo de la fragilidad'.

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

City of entity: Unknown

Name principal investigator (PI, Co-PI....): José Viña

Nº of researchers: 12

Funding entity or bodies:

ISCIII, Redes de Investigación Cooperativa

Type of entity: **Altres organismes

City funding entity: Spain

Code according to the funding entity: CIBERFES

Start-End date: 01/01/2017 - 31/12/2020 **Duration:** 4 years

Participating entity/entities: Universitat de València

Total amount: 70.000 €

3 **Name of the project:** Managing Frailty. A comprehensive approach to promote a disability-free advanced age in Europe: the ADVANTAGE initiative.

Entity where project took place: Fundacion Investigación Hospital Clinic de Valencia. Instituto de Investigación Sanitaria INCLIVA. Universidad de Valencia **Type of entity:** **Altres organismes

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Jose Viña

Funding entity or bodies:

Comisión Europea

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: 724099

Start-End date: 2017 - 2019 **Duration:** 2 years - 1 day

Participating entity/entities: Fundacion Investigación Hospital Clinic de Valencia. Instituto de Investigación Sanitaria INCLIVA. Universidad de Valencia

Total amount: 170.000 €

4 **Name of the project:** Utility ofOMIC-based biomarkers in characterization older individuals at risk for frailty, its progression to disability and general consequences to health and well-being. The FRAILOMIC initiative.

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

City of entity: Valencia, Spain

Name principal investigator (PI, Co-PI....): Leocadio Rodriguez-Mañas

Funding entity or bodies:

Unió Europea

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: FRAILOMIC-HEALTH.2012.2.1

Start-End date: 01/01/2013 - 01/01/2018 **Duration:** 5 years - 1 day

Participating entity/entities: Universidad de Valencia

Total amount: 600.000 €



- 5** **Name of the project:** A multidisciplinary project to advance in basic mechanisms, diagnosis, prediction, and prevention of cardiac damage in reperfused acute myocardial infarction
Entity where project took place: Fundacion Investigación Hospital Clinic de Valencia. Instituto de Investigación Sanitaria INCLIVA. Universidad de Valencia
Type of entity: **Altres organismes
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Vicente Bodí Peris
Nº of researchers: 34
Funding entity or bodies: ISCIII, Redes de Investigación Cooperativa
Type of entity: **Altres organismes
City funding entity: Spain
Code according to the funding entity: PIE15/00013
Start-End date: 2015 - 2018
Duration: 3 years - 1 day
Participating entity/entities: Fundacion Investigación Hospital Clinic de Valencia. Instituto de Investigación Sanitaria INCLIVA. Universidad de Valencia
Total amount: 589.050 €
- 6** **Name of the project:** Señalización por radicales libres de oxígeno en células madre: importancia en medicina regenerativa
Entity where project took place: Universitat de València
Type of entity: **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): José Viña
Nº of researchers: 10
Funding entity or bodies: Conselleria d'Educació
Type of entity: **Altres organismes
City funding entity: Unknown
Code according to the funding entity: PROMETEOII/2014/056
Start-End date: 01/12/2014 - 01/12/2017
Duration: 3 years - 1 day
Participating entity/entities: Universitat de València
Total amount: 192.000 €
- 7** **Name of the project:** IDENTIFICACION DE BIOMARCADORES DE FRAGILIDAD Y DE ESTRATEGIAS PARA SU PREVENCIÓN Y TRATAMIENTO. CENTENARIOS COMO UN MODELO DE ENVEJECIMIENTO SALUDABLE
Entity where project took place: Universitat de València
Type of entity: **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): José Viña
Nº of researchers: 9
Funding entity or bodies: Ministerio de Economía y Competitividad
Type of entity: **Ministeris
City funding entity: Spain
Code according to the funding entity: SAF2013-44663-R
Start-End date: 01/01/2014 - 31/12/2016
Duration: 3 years
Participating entity/entities: Universitat de València
Total amount: 217.800 €



- 8** **Name of the project:** RED TEMÁTICA EN FRAGILIDAD Y ENVEJECIMIENTO (RETICEF)
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Valencia, Spain
Name principal investigator (PI, Co-PI....): José Viña
Funding entity or bodies: ISCIII, Redes de Investigación Cooperativa **Type of entity:** **Altres organismes
City funding entity: Spain
Code according to the funding entity: ISCIII2012-RED-43-029
Start-End date: 01/01/2013 - 31/12/2016 **Duration:** 4 years
Participating entity/entities: Universidad de Valencia
Total amount: 219.133,92 €
- 9** **Name of the project:** Perfiles metabólicos para la detección temprana de la fragilidad en ancianos
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Consuelo Borrás Blasco
Nº of researchers: 8
Funding entity or bodies: Conselleria de Sanitat. Generalitat Valenciana **Type of entity:** **Altres organismes
City funding entity: Unknown
Code according to the funding entity: CS2015-APM-03
Start-End date: 01/01/2015 - 31/12/2015 **Duration:** 1 year
Participating entity/entities: Universitat de València
Total amount: 12.086,96 €
- 10** **Name of the project:** Ejercicio físico controlado como intervención en el tratamiento de la fragilidad en el anciano y en la prevención de la dependencia. Bases moleculares
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Mari Carmen Gomez Cabrera
Nº of researchers: 5
Funding entity or bodies: Fundacion Investigación Hospital Clinic de Valencia. Instituto de Investigación Sanitaria INCLIVA. Universidad de Valencia **Type of entity:** **Altres organismes
City funding entity: Unknown
Start-End date: 31/12/2014 - 31/12/2015 **Duration:** 1 year - 1 day
Participating entity/entities: Universitat de València
Total amount: 3.500 €
- 11** **Name of the project:** Efecto de la administración de genisteína y/o bexaroteno para el tratamiento de la enfermedad de Alzheimer en el modelo de ratón transgénico APP/PS1
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Consuelo Borrás Blasco
Nº of researchers: 5

**Funding entity or bodies:**

Fundacion Investigación Hospital Clinic de Valencia. **Type of entity:** **Altres organismes
 Instituto de Investigación Sanitaria INCLIVA.
 Universidad de Valencia

City funding entity: Unknown

Start-End date: 31/12/2014 - 31/12/2015

Duration: 1 year - 1 day

Participating entity/entities: Universitat de València

Total amount: 3.500 €

- 12 Name of the project:** Bases de la Reactividad y Función Molecular en Fotobiología y Nanotecnología: Desarrollos Metodológicos y Químico-Cuánticos y Aplicaciones

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

City of entity: Unknown

Name principal investigator (PI, Co-PI....): MANUELA MERCHÁN

Funding entity or bodies:

Ministerio de Ciencia y Tecnología, Dirección General de Investigación **Type of entity:** **Altres organismes

City funding entity: Unknown

Code according to the funding entity: CTQ2010-14892

Start-End date: 01/01/2011 - 31/12/2014

Duration: 4 years

Participating entity/entities: Universitat de València

Total amount: 148.717,29 €

- 13 Name of the project:** Frailty Operative Definition-Consensus Conference (FOD-CC)

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

City of entity: Valencia, Spain

Name principal investigator (PI, Co-PI....): Leocadio Rodríguez Mañas

Funding entity or bodies:

Unió Europea

Type of entity: **Altres organismes

City funding entity: Unknown

Code according to the funding entity: HEALTH-F2-2010-261270

Start-End date: 01/11/2010 - 30/04/2012

Duration: 1 year - 6 months

Participating entity/entities: Universidad de Valencia

Total amount: 78.110 €

- 14 Name of the project:** Utilización de células madre de origen dental para enriquecimiento del biomaterial fosfato tricálcico como matriz para regeneración ósea en cirugía previa a la colocación de implantes dentales.

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

City of entity: Unknown

Name principal investigator (PI, Co-PI....): JOSÉ VIÑA

Funding entity or bodies:

Ministerio de Ciencia y Tecnología, Dirección General de Investigación **Type of entity:** **Altres organismes

City funding entity: Unknown

Code according to the funding entity: TRA2009-0109

Start-End date: 2010 - 2011

Duration: 1 year - 1 day



Participating entity/entities: Universitat de València
Total amount: 45.000 €

15 Name of the project: Fotobiología molecular química-cuántica: energética y dinámica de reacción en el estado excitado

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

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Manuela Merchán

Funding entity or bodies:

Generalitat Valenciana. Conselleria d'Educació i Ciència **Type of entity:** **Altres organismes

City funding entity: Unknown

Code according to the funding entity: GVACOMP2010-126

Start-End date: 01/01/2010 - 31/12/2010 **Duration:** 1 year

Participating entity/entities: Universitat de València

Total amount: 8.000 €

16 Name of the project: Fotobiología molecular químico-cuántica: energética y dinámica de reacción en el estado excitado

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

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Luis Serrano Andrés

Funding entity or bodies:

Ministerio de Ciencia y Tecnología, Dirección General de Investigación **Type of entity:** **Altres organismes

City funding entity: Unknown

Code according to the funding entity: CTQ2007-61260

Start-End date: 01/10/2007 - 30/09/2010 **Duration:** 3 years

Participating entity/entities: Universitat de València

Total amount: 197.000 €

17 Name of the project: FOTOBIOLOGÍA QUÍMICO CUÁNTICA EN EL ESTADO EXCITADO: FOTOFÍSICA Y FOTOQUÍMICA DE BIOMOLÉCULAS (BIOQEX)

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

City of entity: Unknown

Name principal investigator (PI, Co-PI....): Manuela Merchán

Nº of researchers: 10

Funding entity or bodies:

Ministerio de Educación y Ciencia. Dirección General de Investigación Científica y Técnica **Type of entity:** **Altres organismes

City funding entity: Unknown

Code according to the funding entity: CTQ2004-01739

Start-End date: 31/12/2004 - 12/05/2008 **Duration:** 3 years - 4 months - 12 days

Participating entity/entities: Universitat de València

Total amount: 82.800 €



- 18** **Name of the project:** Computació científica en la red (grid) de la UV
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Raül Crespo
Nº of researchers: 9
Funding entity or bodies: Universitat de València **Type of entity:** **Universitats
City funding entity: Unknown
Code according to the funding entity: GRUPOS03/115
Start-End date: 02/12/2003 - 31/12/2005 **Duration:** 2 years - 30 days
Participating entity/entities: Universitat de València
Total amount: 77.741,93 €
- 19** **Name of the project:** Química Cuántica del Estado Excitado: Daño y Reparación Inducidas en Biomoléculas
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Luis Serrano Andrés
Funding entity or bodies: Generalitat Valenciana. Conselleria d'Educació i Ciència **Type of entity:** **Altres organismes
City funding entity: Unknown
Start-End date: 2004 - 2005 **Duration:** 1 year - 1 day
Participating entity/entities: Universitat de València
Total amount: 28.000 €
- 20** **Name of the project:** Development of Grid Environment for Interactive Applications
Entity where project took place: Universitat de València **Type of entity:** **Universitats
City of entity: Unknown
Name principal investigator (PI, Co-PI....): Michael Turala (responsable europeo)
Nº of researchers: 120
Funding entity or bodies: Universitat de València **Type of entity:** **Universitats
City funding entity: Unknown
Start-End date: 2003 - 2004 **Duration:** 1 year - 1 day
Participating entity/entities: Universitat de València
Total amount: 6.699.952 €

Scientific and technological activities

Scientific production

Publications, scientific and technical documents

- 1** Egea J; Fabregat I; Frapart YM; Ghezzi P; Görlach A; Kietzmann T; Kubaichuk K; Knaus UG; Lopez MG; Olaso-Gonzalez G; Petry A; Schulz R; Vina J; Winyard P; Abbas K; Ademowo OS; Afonso CB; Andreadou I; Antelmann H; Antunes F; Aslan M; Bachschmid MM; Barbosa RM; Belousov V; Berndt C; Bernlohr D; Bertrán E; Bindoli A; Bottari SP; Brito PM; Carrara G; Casas AI; Chatzi A; Chondrogianni N; Conrad M; Cooke MS; Costa JG; Cuadrado A; My-Chan Dang P; De Smet B; Debelec-Butuner B; Dias IHK; Dunn JD; Edson AJ; El Assar M; El-Benna J; Ferdinandy P; Fernandes AS; Fladmark KE; Förstermann U; Giniatullin R; Giricz Z; Görbe A; Griffiths H; Hampl V; Hanf A; Herget J; Hernansanz-Agustín P; Hillion M; Huang J; Ilikay S; Jansen-Dürr P; Jaquet V; Joles JA; Kalyanaraman B; Kaminsky D; Karbaschi M; Kleanthous M; Klotz LO; Korac B; Korkmaz KS; Koziel R; Kračun D; Krause KH; Křen V; Krieg T; Laranjinha J; Lazou A; Li H; Martínez-Ruiz A; Matsui R; McBean GJ; Meredith SP; Messens J; Miguel V; Mikhed Y; Milisav I; Milković L; Miranda-Vizuete A; Mojović M; Monsalve M; Mouthuy PA; Mulvey J; Münzel T; Muzykantov V; Nguyen ITN; Oelze M; Oliveira NG; Palmeira CM; Papaevgeniou N; Pavičević A; Pedre B; Peyrot F; Phylactides M; Pircalaboru GG; Pitt AR; Poulsen HE; Prieto I; Rigobello MP; Robledinos-Antón N; Rodríguez-Mañas L; Rolo AP; Rousset F; Ruskovska T; Saraiva N; Sasson S; Schröder K; Semen K; Seredenina T; Shakirzyanova A; Smith GL; Soldati T; Sousa BC; Spickett CM; Stancic A; Stasia MJ; Steinbrenner H; Stepanić V; Steven S; Tokatlidis K; Tuncay E; Turan B; Ursini F; Vacek J; Vajnerova O; Valentová K; Van Breusegem F; Varisli L; Veal EA; Yalçın AS; Yelisyeyeva O; Žarković N; Zatloukalová M; Zielonka J; Touyz RM; Papapetropoulos A; Grune T; Lamas S; Schmidt HHHW; Di Lisa F; Daiber A. European contribution to the study of ROS: A summary of the findings and prospects for the future from the COST action BM1203 (EU-ROS).918404 - Redox Biology. 13, pp. 94 - 162. (Holland): Elsevier, 2017. ISSN 2213-2317
DOI: <https://doi.org/10.1016/j.redox.2017.05.007>
Type of production: Scientific paper **Format:** Journal
- 2** Gomez-Cabrera MC; Garcia-Valles R; Rodriguez-Mañas L; Garcia-Garcia FJ; Olaso-Gonzalez G; Salvador-Pascual A; Tarazona-Santabalbina FJ; Viña J. A New Frailty Score for Experimental Animals Based on the Clinical Phenotype: Inactivity as a Model of Frailty.909030 - Journals of Gerontology Series A-Biological Sciences and Medical Sciences. 72 - 7, pp. 885 - 891. (United States of America): 2017. Available on-line at: <<https://academic.oup.com/biomedgerontology/article-abstract/72/7/885/2926172?redirectedFrom=fulltext>>. ISSN 1079-5006
DOI: <https://doi.org/10.1093/gerona/glw337>
Type of production: Scientific paper **Format:** Journal
- 3** Llana-Belloch S; Priego Quesada JI; Pérez-Soriano P; Lucas-Cuevas AG; Salvador-Pascual A; Olaso-González G; Moliner-Martinez Y; Verdú-Andres J; Campins-Falco P; Gómez-Cabrera MC. Disinfection by-products effect on swimmers oxidative stress and respiratory damage. 914066 - European Journal Of Sport Science. 16 - 5, pp. 609 - 617. (United Kingdom): 2016. Available on-line at: <<http://www.tandfonline.com/doi/abs/10.1080/17461391.2015.1080306?journalCode=tejs20>>. ISSN 1746-1391
DOI: <https://doi.org/10.1080/17461391.2015.1080306>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 10
Impact source: ISI **Category:** SPORT SCIENCES
Impact index in year of publication: 1.785 **Journal in the top 25%:** Yes
Position of publication: 15 **No. of journals in the cat.:** 81

- 4** Gambini J; Gimeno-Mallench L; Inglés M; Olaso G; Abdelaziz KM; Avellana JA; Belenguer Á; Cruz R; Mas-Bargues C; Borrás C; Viña J. Identification of single nucleotide polymorphisms in centenarians. 001623 - Revista Española de Geriátría y Gerontología. 51 - 3, pp. 146 - 149. (Spain): 2016. ISSN 0211-139X
DOI: <https://doi.org/10.1016/j.regg.2015.09.006>
Type of production: Scientific paper **Format:** Journal
- 5** Viña J; Tarazona-Santabalbina FJ; Pérez-Ros P; Martínez-Arnau FM, Borrás C; Olaso-Gonzalez G; Salvador-Pascual A; Gomez-Cabrera MC. Biology of frailty. Modulation of aging genes and its importance to prevent age-associated loss of function. 902321 - Molecular Aspects of Medicine. 50, pp. 88 - 108. (United Kingdom): 2016. ISSN 0098-2997
DOI: <https://doi.org/10.1016/j.mam.2016.04.005>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 8
Impact source: ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY
Impact index in year of publication: 5.686 **Journal in the top 25%:** Yes
Position of publication: 41 **No. of journals in the cat.:** 290
Impact source: ISI **Category:** MEDICINE, RESEARCH & EXPERIMENTAL
Impact index in year of publication: 5.686 **Journal in the top 25%:** Yes
Position of publication: 12 **No. of journals in the cat.:** 128
- 6** Gambini J; Inglés M; Olaso G; Lopez-Grueso R; Bonet-Costa V; Gimeno-Mallench L; Mas-Bargues C; Abdelaziz KM; Gomez-Cabrera MC; Vina J; Borrás C. Properties of resveratrol: In vitro and in vivo studies about metabolism, bioavailability, and biological effects in animal models and humans. 915105 - Oxidative Medicine And Cellular Longevity. 2015:837042, (United States of America): 2015. ISSN 1942-0900
DOI: <https://doi.org/10.1155/2015/837042>
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** CELL BIOLOGY
Impact index in year of publication: 4.492 **Journal in the top 25%:** No
Position of publication: 53 **No. of journals in the cat.:** 187
- 7** Inglés M; Gambini J; Carnicero JA; García-García FJ; Rodríguez-Mañas L; Olaso-González G; Dromant M; Borrás C; Viña J. Oxidative Stress Is Related to Frailty, Not to Age or Sex, in a Geriatric Population: Lipid and Protein Oxidation as Biomarkers of Frailty. 901779 - Journal of the American Geriatrics Society. 62 - 7, pp. 1324 - 1328. (United States of America): Wiley, 2014. ISSN 0002-8614
DOI: <https://doi.org/10.1111/jgs.12876>
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** GERIATRICS & GERONTOLOGY
Impact index in year of publication: 4.572 **Journal in the top 25%:** Yes
Position of publication: 6 **No. of journals in the cat.:** 50
Impact source: ISI **Category:** GERONTOLOGY
Impact index in year of publication: 4.572 **Journal in the top 25%:** Yes
Position of publication: 2 **No. of journals in the cat.:** 32
- 8** Ferrando B; Olaso-Gonzalez G; Sebastia V; Viosca E; Gomez-Cabrera MC; Viña J. Allopurinol and its role in the treatment of sarcopenia. 001623 - Revista Española de Geriátría y Gerontología. (Spain): 2014. ISSN 0211-139X
DOI: <https://doi.org/10.1016/j.regg.2014.05.001>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6



- 9** Monleon D; Garcia-Valles R; Morales JM; Brioché T; Olaso-Gonzalez G; Lopez-Grueso R; Gomez-Cabrera MC; Vina J. Metabolomic analysis of long term spontaneous exercise in mice suggests increased lipolysis and altered glucose metabolism when animals are at rest. 903421 - Journal of Applied Physiology. (United States of America): 2014. ISSN 8750-7587
DOI: <https://doi.org/10.1152/jappphysiol.00585.2014>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 9
Impact source: ISI **Category:** PHYSIOLOGY
Impact index in year of publication: 3.056 **Journal in the top 25%:** No
Position of publication: 26 **No. of journals in the cat.:** 83
Impact source: ISI **Category:** SPORT SCIENCES
Impact index in year of publication: 3.056 **Journal in the top 25%:** Yes
Position of publication: 8 **No. of journals in the cat.:** 81
- 10** Alba Tamarit, E; Vallada Regalado, E; Olaso González, G; Moreno Gálvez, A; Gandía Balaguer, A. Estudio de los lugares donde realizan la comida principal, comida de mediodía, los niños en edad escolar de un colegio valenciano. 916276 - Revista Espanola de Nutricion Comunitaria-Spanish Journal Of Community Nutrition. (Spain): 2014. ISSN 1135-3074
Type of production: Scientific paper **Format:** Journal
- 11** Viña J; Borrás C; Sanchis-Gomar F; Martínez-Bello VE; Olaso-Gonzalez G; Gambini J; Ingles M; Gomez-Cabrera MC. Pharmacological Properties of Physical Exercise in the Elderly. 909840 - Current Pharmaceutical Design. 20 - 18, pp. 3019 - 3029. (Holland): 2014. ISSN 1381-6128
Type of production: Scientific paper **Format:** Journal
Total no. authors: 8 **Category:** PHARMACOLOGY & PHARMACY
Impact source: ISI **Journal in the top 25%:** Yes
Impact index in year of publication: 3.288 **No. of journals in the cat.:** 255
Position of publication: 63
- 12** Rebeca Garcia-Valles; Mari Carmen Gomez-Cabrera; Leocadio Rodriguez-Mañas; Francisco J Garcia-Garcia; Ana Diaz; Inma Noguera; Gloria Olaso-Gonzalez; Jose Viña. Life-long spontaneous exercise does not prolong lifespan but improves health span in mice. 313088 - Longevity & Healthspan. 2(1), pp. 2 - 14. (United Kingdom): BioMed Central, 2013. ISSN 2046-2395
DOI: <https://doi.org/10.1186/2046-2395-2-14>
Handle: <http://roderic.uv.es/handle/10550/44474>
Type of production: Scientific paper **Format:** Journal
Total no. authors: 8
- 13** Gambini J; López-Grueso R; Olaso-González G; Inglés M; Abdelazid K; El Alami M; Bonet-Costa V; Borrás C; Viña J. Resveratrol: distribution, properties and perspectives. 001623 - Revista Española de Geriatria y Gerontología. 48 - 2, pp. 79 - 88. (Spain): 2013. ISSN 0211-139X
DOI: <https://doi.org/10.1016/j.regg.2012.04.007>
Type of production: Scientific paper **Format:** Journal
- 14** Alba Tamarit, E; Gandía Balaguer, A; Olaso González, G; Vallada Regalado, E; Garzón Farinós, M^a F. Consumo de frutas, verduras y hortalizas en un grupo de niños valencianos de edad escolar. 000315 - Nutrición Clínica, dietética hospitalaria. (Spain): 2012. ISSN 0211-6057
Type of production: Scientific paper **Format:** Journal



- 15** Badia MC; Lloret A; Giraldo E; Dasí F; Olaso G; Alonso MD; Viña J. Lymphocytes from young healthy persons carrying the ApoE4 allele overexpress stress-related proteins involved in the pathophysiology of Alzheimer's disease.913424 - Journal Of Alzheimers Disease. (Holland): los Press, 2012. ISSN 1387-2877
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** NEUROSCIENCES
Impact index in year of publication: 4.174 **Journal in the top 25%:** No
Position of publication: 64 **No. of journals in the cat.:** 252
- 16** Derbre F; Ferrando B; Gomez-Cabrera MC; Sanchis-Gomar F; Martinez-Bello VE; Olaso-Gonzalez G; Diaz A; Gratas-Delamarche A; Cerda M; Viña J. Inhibition of xanthine oxidase by allopurinol prevents skeletal muscle atrophy: Role of p38 MAPKinase and E3 ubiquitin ligases.915133 - Plos One. 7 - 10, (United States of America): 2012. ISSN 1932-6203
DOI: <https://doi.org/10.1371/journal.pone.0046668>.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 10 **Category:** MULTIDISCIPLINARY SCIENCES
Impact source: ISI **Journal in the top 25%:** Yes
Impact index in year of publication: 3.73 **No. of journals in the cat.:** 56
Position of publication: 7
- 17** Martinez-Bello VE; Sanchis-Gomar F; Martinez-Bello D; Olaso-Gonzalez G; Gomez-Cabrera MC; Viña J. Vitamin C supplementation does not improve hypoxia-induced erythropoiesis.912735 - High Altitude Medicine & Biology. 13 - 4, pp. 269 - 274. (United States of America): 2012. ISSN 1527-0297
DOI: <https://doi.org/10.1089/ham.2012.1028>.
Type of production: Scientific paper **Format:** Journal
Total no. authors: 6 **Category:** BIOPHYSICS
Impact source: ISI **Journal in the top 25%:** No
Impact index in year of publication: 2.122 **No. of journals in the cat.:** 72
Position of publication: 45
Impact source: ISI **Category:** SPORT SCIENCES
Impact index in year of publication: 2.122 **Journal in the top 25%:** No
Position of publication: 21 **No. of journals in the cat.:** 84
Impact source: ISI **Category:** PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH (SCIENCE ED.)
Impact index in year of publication: 2.122 **Journal in the top 25%:** No
Position of publication: 51 **No. of journals in the cat.:** 161
- 18** J. Vina; A. Lloret; E. Giraldo; G. Olaso. Antioxidant vitamin supplementation in Alzheimer's disease: is it useful?. 312867 - The International Fruit and Vegetable Alliance Scientific Newsletter. 68, pp. 1 - 2. International Fruit and Vegetables Alliance, 2012.
Type of production: Scientific paper **Format:** Journal
- 19** G. Olaso-González; K. Mohamed; M. El Alami M; V. Bonet; J. Gambini; C. Borrás; J. Vina. A diet soya does not increase life span. 902717 - Annals of Nutrition and Metabolism. (Switzerland): Karger, 2011. ISSN 0250-6807
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** ENDOCRINOLOGY & METABOLISM
Impact index in year of publication: 2.26 **Journal in the top 25%:** No
Position of publication: 69 **No. of journals in the cat.:** 122
Impact source: ISI **Category:** NUTRITION & DIETETICS



Impact index in year of publication: 2.26
Position of publication: 33

Journal in the top 25%: No
No. of journals in the cat.: 73

- 20** Sanchis-Gomar F; Martínez-Bello VE; Olaso-González G; Gómez-Cabrera MC; Viña J. Different types of storage devices for blood transportation in the anti-doping field. 902300 - Clinical Biochemistry. 44 - 16, pp. 1361. (Canada): Elsevier, 2011. ISSN 0009-9120

Type of production: Scientific paper
Total no. authors: 5

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.08
Position of publication: 11

Category: MEDICAL LABORATORY TECHNOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 32

- 21** R. González-Luque; G. Olaso-González; M. Merchán; P.B. Coto; L. Serrano-Andrés; M. Garavelli. On the role of the triplet state in the CIS/TRANS isomerization of Rhodopsin: A CASPT2//CASSCF study of a model Chromophore. 900829 - International Journal of Quantum Chemistry. 111, pp. 3431 - 3437. (United States of America): 2011. ISSN 0020-7608

Type of production: Scientific paper

Format: Journal

Impact source: ISI
Impact index in year of publication: 1.36
Position of publication: 92

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 129

Impact source: ISI
Impact index in year of publication: 1.36
Position of publication: 25

Category: MATHEMATICS, INTERDISCIPLINARY APPLICATIONS
Journal in the top 25%: No
No. of journals in the cat.: 92

Impact source: ISI
Impact index in year of publication: 1.36
Position of publication: 24

Category: PHYSICS, ATOMIC, MOLECULAR & CHEMICAL
Journal in the top 25%: No
No. of journals in the cat.: 33

- 22** Sanchis-Gomar F; Olaso-Gonzalez G; Corella D; Gomez-Cabrera MC; Vina J. Increased average longevity among the 'Tour de France' cyclists. 906195 - International Journal of Sports Medicine. 32 - 8, pp. 644 - 647. (Germany): 2011. ISSN 0172-4622

Type of production: Scientific paper
Impact source: ISI
Impact index in year of publication: 2.43
Position of publication: 14

Format: Journal
Category: SPORT SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 84

- 23** Vladimir Essau Martinez-Bello; Fabian Sanchis-Gomar; Ana Lucia Nascimento; Federico V. Pallardo; Sandra Ibañez-Sania; Gloria Olaso-Gonzalez; Jose Antonio Calbet; Mari Carmen Gomez-Cabrera; Jose Viña. Living at high altitude in combination with sealevel sprint training increases hematological parameters but does not improve performance in rats. 910603 - European Journal of Applied Physiology. 111 - 6, pp. 1147 - 1156. (Germany): 2011. ISSN 1439-6319

Type of production: Scientific paper
Total no. authors: 9
Impact source: ISI
Impact index in year of publication: 2.15
Position of publication: 37

Format: Journal
Category: PHYSIOLOGY
Journal in the top 25%: No
No. of journals in the cat.: 78

Impact source: ISI

Category: SPORT SCIENCES



Impact index in year of publication: 2.15
Position of publication: 18

Journal in the top 25%: Yes
No. of journals in the cat.: 84

- 24** D. Roca-Sanjuán; G. Olaso-González; P. B. Coto; M. Merchán; L. Serrano-Andrés. Modeling Hole Transfer in DNA II. Molecular Basis of Charge Transport in the DNA chain.909714 - Theoretical Chemistry Accounts. 126 - 3-4, pp. 177 - 183. (Germany): 2010. ISSN 1432-881X

Type of production: Scientific paper
Total no. authors: 5

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.903
Position of publication: 43

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 125

- 25** G. Olaso-González; M. Merchán; L. Serrano-Andrés. The Role of Adenine Excimers in the Photophysics of Oligonucleotides.900665 - Journal of the American Chemical Society. 131, pp. 4368 - 4377. (United States of America): American Chemical Society, 2009. ISSN 0002-7863

Type of production: Scientific paper
Total no. authors: 3

Format: Journal

Impact source: ISI
Impact index in year of publication: 8.58
Position of publication: 7

Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 140

- 26** G. Tomasello; G. Olaso-González; P. Altoè; M. Stenta; L. Serrano-Andrés; M. Merchán; G. Orlandi; A. Bottoni; M. Garavelli. Electrostatic Control of the Photoisomerization Efficiency and Optical Properties in Visual Pigments: on the Role of Counterion Quenching. Photophysics of Oligonucleotides.900665 - Journal of the American Chemical Society. 131, pp. 5172 - 5186. (United States of America): American Chemical Society, 2009. ISSN 0002-7863

Type of production: Scientific paper
Total no. authors: 9

Format: Journal

Impact source: ISI
Impact index in year of publication: 8.58
Position of publication: 7

Category: CHEMISTRY, MULTIDISCIPLINARY
Journal in the top 25%: Yes
No. of journals in the cat.: 140

- 27** J. J. Serrano-Pérez; G. Olaso-González; M. Merchán; L. Serrano-Andrés. Singlet Oxygen Generation in PUVA Therapy Studied using Electronic Structure Calculations.903310 - Chemical Physics. 360, pp. 85 - 96. (Holland): 2009. ISSN 0301-0104

Type of production: Scientific paper
Total no. authors: 4

Format: Journal

Impact source: ISI
Impact index in year of publication: 2.277
Position of publication: 52

Category: CHEMISTRY, PHYSICAL
Journal in the top 25%: No
No. of journals in the cat.: 121

Impact source: ISI

Category: PHYSICS, ATOMIC, MOLECULAR & CHEMICAL

Impact index in year of publication: 2.277
Position of publication: 13

Journal in the top 25%: No
No. of journals in the cat.: 33

- 28** D. Roca-Sanjuán; G. Olaso-González; I. González-Ramírez; L. Serrano-Andrés; M. Merchán. Molecular Basis of DNA Photodimerization: Intrinsic Production of Cyclobutane Cytosine Dimers. 900665 - Journal of the American Chemical Society. 130, pp. 10768 - 10779. (United States of America): American Chemical Society, 2008. ISSN 0002-7863

Type of production: Scientific paper

Format: Journal



Total no. authors: 5

Impact source: ISI

Impact index in year of publication: 8.091

Position of publication: 7

Category: CHEMISTRY, MULTIDISCIPLINARY

Journal in the top 25%: Yes

No. of journals in the cat.: 125

- 29** Daniel Roca-Sanjuán; Gloria Olaso-González; Mercedes Rubio; Pedro B. Coto; Manuela Merchán; Nicolás Ferré; Valdemir Ludwig; Luis Serrano-Andrés. DNA nucleobase properties and photoreactivity: Modeling environmental effects. 900676 - Pure and Applied Chemistry. 81 - 4, pp. 743 - 754. (United Kingdom): 2008. ISSN 0033-4545

Type of production: Scientific paper

Format: Journal

Total no. authors: 8

Impact source: ISI

Category: CHEMISTRY, MULTIDISCIPLINARY

Impact index in year of publication: 2.237

Journal in the top 25%: No

Position of publication: 37

No. of journals in the cat.: 125

- 30** G. Olaso-González; M. Merchán; L. Serrano-Andrés. Toward an Understanding of Ultrafast Electron Transfer in Photosynthesis.908216 - Photosynthesis Research. 91, pp. 199. (Holland): 2007. ISSN 0166-8595

Type of production: Scientific paper

Format: Journal

Total no. authors: 3

Impact source: ISI

Category: PLANT SCIENCES

Impact index in year of publication: 2.139

Journal in the top 25%: Yes

Position of publication: 35

No. of journals in the cat.: 152

- 31** G. Olaso-González; G. Tomasello; P. Altoè; M. Stenta; L. Serrano-Andrés; M. Merchán; M. Garavelli. Toward an Understanding of the Spectral Tuning in Rhodopsin.907417 - AIP Conference Proceedings. 963, pp. 710 - 712. (United States of America): 2007. ISSN 0094-243X

Type of production: Scientific paper

Format: Journal

Total no. authors: 7

- 32** G. Olaso-González; M. Merchán; L. Serrano-Andrés. Ultrafast Electron Transfer in Photosynthesis: Reduced Pheophytin and Quinone Interaction Mediated by Conical Intersections.907417 - AIP Conference Proceedings. 963, pp. 706 - 709. (United States of America): 2007. ISSN 0094-243X

Type of production: Scientific paper

Format: Journal

Total no. authors: 3

- 33** G. Tomasello; P. Altoe; G. Olaso-González; M. Garavelli; G. Orlandi. 'Retinal Photoisomerization in Rhodopsin: Electrostatic and Steric Catalysis'.907417 - AIP Conference Proceedings. 963, pp. 727 - 730. (United States of America): 2007. ISSN 0094-243X

Type of production: Scientific paper

Format: Journal

Total no. authors: 5

- 34** L. Serrano-Andrés; M. Merchán; D. Roca-Sanjuán; G. Olaso-González; M. Rubio. Bioexcimers as Precursors of Charge Transfer and Reactivity in Photobiology.907417 - AIP Conference Proceedings. 963, pp. 526 - 532. (United States of America): 2007. ISSN 0094-243X

Type of production: Scientific paper

Format: Journal

Total no. authors: 5

- 35** G. Olaso-González; M. Merchán; L. Serrano-Andrés. Ultrafast Electron Transfer in Photosynthesis: Reduced Pheophytin and Quinone Interaction Mediated by Conical Intersections.909613 - Journal of Physical Chemistry B. 110, pp. 24734 - 24739. (United States of America): 2006. ISSN 1520-6106

Type of production: Scientific paper

Format: Journal

Position of signature: 1

Total no. authors: 3

Impact source: ISI

Impact index in year of publication: 4.115

Position of publication: 17

Category: CHEMISTRY, PHYSICAL

Journal in the top 25%: Yes

No. of journals in the cat.: 108

- 36** G. Olaso-González; D. Roca-Sanjuán; L. Serrano-Andrés; M. Merchán. Toward the Understanding of DNA Fluorescence: The Singlet Excimer of Cytosine.903314 - Journal of Chemical Physics. 125, (United States of America): American Institute of Physics, 2006. ISSN 0021-9606
Type of production: Scientific paper **Format:** Journal
Position of signature: 1
Total no. authors: 4
Impact source: ISI **Category:** PHYSICS, ATOMIC, MOLECULAR & CHEMICAL
Impact index in year of publication: 3.166 **Journal in the top 25%:** Yes
Position of publication: 3 **No. of journals in the cat.:** 31
- 37** José Viña; Gloria Olaso. Ageing is normal: Physiology of ageing and its modulation by Physical Activity. Giornale della Accademia di Medicina di Torino 2013. (Italy): 2013.
Type of production: Book chapter **Format:** Book
- 38** J. Viña; MC. Gómez-Cabrera; C. Borrás; G. Olaso-González. ¿Qué es mejor para promocionar las defensas antioxidantes, regular los propios genes antioxidantes o suplementar la dieta?. 'Inmunonutrición. En la salud y en la enfermedad'. pp. 15 - 20. Madrid(Spain): Editorial Médica Panamericana, 2011. ISBN 978-84-9835-402-7
Type of production: Book chapter **Format:** Book
- 39** J. Viña; G. Olaso-González. Efectos beneficiosos de la alimentación con complementos con soja sobre los genes de longevidad.¿Educación sanitaria e Interrogantes para la oficina de farmacia?. pp. 15 - 20. (Spain): Pascual editor, 2011. ISBN 978-84-7867-063-5
Type of production: Book chapter **Format:** Book
- 40** G. Olaso-González; J. Viña. ¿Fisiología de la Piel?. Dermatología Pediátrica. pp. 15 - 20. (Spain): Editorial Médica Panamericana, 2011.
Type of production: Book chapter **Format:** Book
- 41** Gloria Olaso-González; Mari Carmen Gómez-Cabrera; Consuelo Borrás; José Viña. ¿Genética y envejecimiento?. Año Gerontológico 2011.pp. 15 - 20. (Spain): Editorial Glosa, 2011.
Type of production: Book chapter **Format:** Book
- 42** L. Serrano-Andrés; D. Roca-Sanjuán; G. Olaso-González. Recent Trends in Computational Photochemistry.'Photochemistry'. Series: Specialist Periodical Reports. pp. 11 - 37. (Spain): Royal Society of Chemistry, 2010.
Type of production: Book chapter **Format:** Book
- 43** Toward an understanding of ultrafast electron transfer in photosynthesis.Photosynthesis. Energy from the Sun.pp. 4 - 10. (Spain): Springer International, 2008.
Type of production: Book chapter **Format:** Book
- 44** G. Olaso-González. Estudio teórico de procesos fotoinducidos en sistemas biológicos.pp. 1 - 473. (Spain): Universitat de València, 2009.
Type of production: Scientific book or monograph



- 45** José Viña; Gloria Olaso. Exercisi físic i alimentació saludable per a l'envelliment actiu.001183 - Viure en Salut (GeneralitatValenciana). 99, pp. 4 - 5. (Spain): 2014. ISSN 1888-6833
Type of production: News articles **Format:** Journal
- 46** García-Giménez JL; Olaso G; Hake SB; Bönisch C; Wiedemann SM; Markovic J; Dasi F; Gimeno A; Pérez-Quilis C; Palacios O; Capdevila M; Viña J; Pallardó FV.Histone H3 Glutathionylation in Proliferating Mammalian Cells Destabilizes Nucleosomal Structure.912657 - Antioxidants & Redox Signaling. (United States of America): 2013. ISSN 1523-0864
DOI: <https://doi.org/10.1089/ars.2012.5021>
Type of production: News articles **Format:** Journal
Total no. authors: 13
Impact source: ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY
Impact index in year of publication: 7.667 **Journal in the top 25%:** Yes
Position of publication: 27 **No. of journals in the cat.:** 291
Impact source: ISI **Category:** ENDOCRINOLOGY & METABOLISM
Impact index in year of publication: 7.667 **Journal in the top 25%:** Yes
Position of publication: 9 **No. of journals in the cat.:** 123
- 47** Olaso-Gonzalez G; Ferrando B; Derbre F; Salvador-Pascual A; Cabo H; Pareja-Galeano H; Sabater-Pastor F; Gomez-Cabrera MC; Vina J.Redox regulation of E3 ubiquitin ligases and their role in skeletal muscle atrophy.904150 - Free Radical Biology and Medicine. 75 - Supplement 1, (United States of America): 2014. Available on-line at: <<http://www.ncbi.nlm.nih.gov/pubmed/26461377>>. ISSN 0891-5849
DOI: <https://doi.org/10.1016/j.freeradbiomed.2014.10.799>.
Type of production: Other publications in journals **Format:** Journal
Total no. authors: 9
Impact source: ISI **Category:** BIOCHEMISTRY & MOLECULAR BIOLOGY
Impact index in year of publication: 5.736 **Journal in the top 25%:** Yes
Position of publication: 40 **No. of journals in the cat.:** 290
Impact source: ISI **Category:** ENDOCRINOLOGY & METABOLISM
Impact index in year of publication: 5.736 **Journal in the top 25%:** Yes
Position of publication: 16 **No. of journals in the cat.:** 128

Works submitted to national or international conferences

- 1** **Title of the work:** CENTENARIANS OVEREXPRESS YAMANAKA FACTORS
Name of the conference: Oxidative Stress & Disease. Gordon Research Conference. The Redox Biology of Age-Related Diseases
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: CALIFORNIA, United States of America
Date of event: 2015
End date: 2015
 Viña J; Inglés M; Mas-Bargues C; Olaso G; Abdelaziz KM; Serna E; Mañas L; Avellana JA; Belenguer A; Pes G; Pes S; Gambini J; Borrás.

- 2** **Title of the work:** A Multicomponent Exercise Intervention That Reverses Frailty And Improves Cognition, Emotional, And Social Networking In The Community-Dwelling Frail Elderly. A Randomized Clinical Trial.
Name of the conference: VIIth International Congress on Stress Response in Biology and Medicine. Stress and Health
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Huangshan, China
Date of event: 2015
End date: 2015
Mari Carmen Gomez-Cabrera; Andrea Salvador-Pascual; Gloria Olaso-Gonzalez; Helena Cabo; Konstantina Tsaparas; Jose Viña.
- 3** **Title of the work:** Perfil metabólico del estrés oxidativo en una población anciana
Name of the conference: XXXVIII Congreso de la Sociedad Española de Bioquímica y Biología Molecular (SEBBM)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2015
End date: 2015
Pellin-Carcelen A; Olaso-Gonzalez G; Morales JM; Dromant M; Inglés M; Gracia-Garcia FJ; Rodriguez-Mañas L; Borrás C; XMonleon Salvado D; Viña J.
- 4** **Title of the work:** Resveratrol induces PTEN-mediated antioxidant gene expression in MCF-7 cells
Name of the conference: Oxygen Club of California World Congress 2015 - Oxidants and Antioxidants in Biology
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2015
End date: 2015
Inglés M; Mas-Bargues C; Gimeno-Mallench L; Dromant M; Olaso G; Borrás C; Viña J.
- 5** **Title of the work:** Role of E3 ubiquitin ligases in the muscle atrophy induced by hindlimb unloading. Benefits of pharmacological treatment
Name of the conference: X MEETING of the Spanish Group for Research on Free Radicals (GEIRLI) ¿SYMPOSIUM ON OXIDATIVE STRESS AND REDOX SIGNALING IN BIOLOGY AND MEDICINE¿
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 2014
End date: 2014
Organising entity: 8345 - GEIRLI Grupo Español de Investigación en Radicales Libres **Type of entity:** **Acadèmies Científiques
Ferrando B.; Puchades C.; Olaso-González G.; Cerdá-Nicolás M.; Gómez-Cabrera M.C.; Viña J.
- 6** **Title of the work:** Redox regulation of E3 ubiquitin ligases and their role in skeletal muscle atrophy
Name of the conference: SFRR-E Meeting. Free radicals: insights in signaling and adaptive homeostasis
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Paris, France
Date of event: 2014



End date: 2014

Organising entity: 3357 - Society for Free Radical Research Europe

Olaso-Gonzalez Gloria; Ferrando Beatriz; Derbre Frederic; Salvador-Pascual Andrea; Cabo Helena; Pareja-Galeano Helios; Sabater-Pastor Frederic; Gomez Cabrera Mari Carmen; Vina Jose.

- 7** **Title of the work:** Disinfection by-products in indoor swimming pools: study of their influence on swimmers oxidative stress and respiratory damage.

Name of the conference: THIRD INTERNATIONAL CONFERENCE ON CELLULAR ENVIRONMENTAL STRESSORS IN BIOLOGY AND MEDICINE: FOCUS ON REDOX REACTIONS

Type of event: Conference

Geographical area: International

Type of participation: 'Participatory - poster

City of event: Ferrara, Italy

Date of event: 2014

End date: 2014

Gloria Olaso-González; Andrea Salvador; Helena Cabo; Frederic Sabater; Helios Pareja-Galeano; Beatriz Ferrando; Mari Carmen Gómez-Cabrera; Jose Vina.

- 8** **Title of the work:** Study of the influence of disinfection by-products in indoor pools on oxidative stress and lung damage in swimmers.

Name of the conference: X MEETING of the Spanish Group for Research on Free Radicals (GEIRLI) ¿SYMPOSIUM ON OXIDATIVE STRESS AND REDOX SIGNALING IN BIOLOGY AND MEDICINE¿

Type of event: Conference

Geographical area: International

Type of participation: 'Participatory - poster

City of event: Valencia, Spain

Date of event: 2014

End date: 2014

Organising entity: 8345 - GEIRLI Grupo Español de Investigación en Radicales Libres

Type of entity: **Acadèemies Científiques

Salvador-Pascual A; Cabo H; Sabater-Pastor F; Ferrando B; Pareja-Galeano H; Olaso-Gonzalez; Gomez-Cabrera MC; Vina J.

- 9** **Title of the work:** The role of liver in Alzheimer¿s disease

Name of the conference: X Meeting of the Spanish Group of Research on Free Radicals

Type of event: Conference

Geographical area: International

Type of participation: 'Participatory - poster

City of event: Valencia, Spain

Date of event: 2014

End date: 2014

Bonet-Costa V; Abdelaziz KM; Mas-Bargues C; Dromant M; Inglés M; Gimeno-Mallench L; Olaso G; Gambini J; Borrás C; Viña J.

- 10** **Title of the work:** Disinfection by-products in indoor swimming pools: study of their influence on swimmers oxidative stress and respiratory damage.

Name of the conference: SFRR- Europe/IUBMB Advanced School: 'Biochemical basis of healthy aging'.

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Spetses, Greece

Date of event: 2014

End date: 2014

Salvador-Pascual A; Cabo H; Sabater-Pastor F; Ferrando B; Pareja-Galeano H; Olaso-González G; Gómez-Cabrera MC; Viña J.



- 11 Title of the work:** Effect on performance of endurance training combined with pioglitazone treatment. Study of the skeletal muscle adaptations
Name of the conference: 18th Annual Congress of the European College of Sport Science
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Barcelona, Spain
Date of event: 2013
End date: 2013
Martínez V.; Pareja-Galeano, H.; Olaso-Gonzalez, G.; Viña, J.; Gómez-Cabrera, M.C. "Book of Abstracts".
- 12 Title of the work:** Growth of dental pulp stem cells at 21% O₂ or 3% O₂
Name of the conference: Redox signaling and oxidative stress in health and disease
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - poster
City of event: Valencia, Spain
Date of event: 2012
End date: 2012
El Alami M.; Viña J.A.; Abdelaziz K.M.; Bonet-Costa V.; López Grueso R.; Olaso G.; Inglés M.; Dromant M.; Edo R.; Borrás C.; Gambini J.; Peñarrocha M.; Viña J.
- 13 Title of the work:** ¿Brain glucose consumption in an Alzheimer¿s disease animal model determined by positron emission tomography. Controversial results¿
Name of the conference: Redox signaling and oxidative stress in health and disease
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - poster
City of event: Valencia, Spain
Date of event: 2012
End date: 2012
Bonet-Costa V.; López-Grueso R.; Inglés M.; El Alami M.; Abdelaziz K.M.; Dromant M.; Olaso G.; Gambini J.; Borrás C.; Viña J.
- 14 Title of the work:** ¿Soy isoflavones up-regulate the expression of antioxidant genes but does not increase life span¿
Name of the conference: Redox signaling and oxidative stress in health and disease
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - poster
City of event: Valencia, Spain
Date of event: 2012
End date: 2012
Abdelaziz K.M.; Jové M.; Bonet-Costa V.; López-Grueso R.; Edo R.; El Alami M.; Dromant M.; Inglés M.; Olaso G.; Escrivá C.; Gambini J.; Borrás C.; Viña J.
- 15 Title of the work:** ¿Effect on longevity genes by red consumption in nuns¿
Name of the conference: Federation of European Physiological Societies Congress
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - poster
City of event: Santiago de Compostela, Spain
Date of event: 2012
End date: 2012
J Gambini; M Inglés; M El Alami; V Bonet ¿Costa; KM Abdelaziz; M Dromant; G Olaso; R López-Grueso; R Edo; C Borrás; J Viña.



- 16** **Title of the work:** ¿Identification of plasma biomarkers of frailty in humans¿.
Name of the conference: Federation of European Physiological Societies Congress
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Santiago de Compostela, Spain
Date of event: 2012
End date: 2012
M Inglés; KM Abdelaziz; V Bonet ¿Costa; M El Alami; M Dromant; R López-Grueso; R Edó; G Olaso; J Gambini; C Borrás; J García-García; J Viña.
- 17** **Title of the work:** ¿Is resveratrol an antioxidant at nutritional concentrations?¿
Name of the conference: SFRR-E / IUBMB Advanced School. Dietary factors and redox signaling
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Spetses, Greece
Date of event: 2012
End date: 2012
Marta Inglés; Vicent Bonet; Kheira Mohammed; Mariya El Alami; Mar Dromant; Rubén Edo; Raúl López; Gloria Olaso; Juan Gambini; Consuelo Borrás; Jose Viña.
- 18** **Title of the work:** ¿Consumo de glucosa cerebral ligada a un modelo de la enfermedad de Alzheimer¿
Name of the conference: Congreso Sociedad Española de Medicina Geriátrica (SEMEG)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Toledo, Spain
Date of event: 2012
End date: 2012
V. Bonet-Costa; R López-Grueso; M. El Alami; M. Inglés; M. Dromant; K. Abdelaziz; G. Olaso; J. Gambini; C. Borrás; J. Viña.
- 19** **Title of the work:** ¿Efecto de las distintas intervenciones nutricionales en la longevidad de la mosca Drosophila Melanogaster¿
Name of the conference: Congreso Sociedad Española de Medicina Geriátrica (SEMEG)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Toledo, Spain
Date of event: 2012
End date: 2012
G. Olaso; J. Gambini; M. Inglés; K.M. Abdelaziz; M. El Alami; V. Bonet-Costa; M. Dromant; C. Escrivà; C. Borrás; J. Viña.
- 20** **Title of the work:** ¿El consumo moderado de vino tinto induce la expresión de genes de longevidad en humanos¿
Name of the conference: Congreso Sociedad Española de Medicina Geriátrica (SEMEG)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Toledo, Spain
Date of event: 2012
End date: 2012
J. Gambini; V. Bonet-Costa; M. Inglés; M. El Alami; K.M. Abdelaziz; M. Dromant; R. Edo; G. Olaso; C. Borrás; J. Viña.



- 21** **Title of the work:** ¿Marcadores plasmáticos de fragilidad relacionados con daño oxidativo y deterioro cognitivo¿
Name of the conference: Congreso Sociedad Española de Medicina Geriátrica (SEMEG)
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Toledo, Spain
Date of event: 2012
End date: 2012
M. Inglés; M. Dromant; M. El Alami; G. Olaso; K.M. Abdelaziz; V. Bonet-Costa; J. Gambini; C.Borrás; J. Viña.
- 22** **Title of the work:** ¿Higher oxidative stress in human dental pulp stem cells cultured at 21% O₂ compared to 5% O₂¿
Name of the conference: Society for free Radical Research International
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Londres, United Kingdom
Date of event: 2012
End date: 2012
M. El Alami; J.A. Viña; K.M. Abdelaziz; V. Bonet-Costa; R. López-Grueso; G.Olaso; M. Inglés; M. Dromant; R. Edó; C.Borrás; J. Gambini; R.C. Siows; J.Chapple; G.E. Mann; M. Peñarrocha; J. Viña.
- 23** **Title of the work:** Inhibition of xanthine oxidase by allopurinol prevents skeletal muscle atrophy. Role of MAP Kinases and E3 ubiquitin ligases
Name of the conference: International Symposium Redox Signaling and Oxidative Stress in Health and Disease 2012
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Valencia, Spain
Date of event: 2012
End date: 2012
Ferrando B.; Derbre F.; Puchades C.; Martínez-Bello V.E.; Sanchis-Gomar F.; Olaso-González G.; Sebastia V.; Díaz A.; Gratas-Delamarche A.; Cerdá- Nicolás M.; Gómez-Cabrera M.C.; Viña J."Book of Abstracts".
- 24** **Title of the work:** Beneficios de la administración de alopurinol en la pérdida de masa Muscular causada por inmovilización
Name of the conference: V Reunión Nacional de la Sociedad Española de Medicina Geriátrica
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Toledo, Spain
Date of event: 2012
End date: 2012
G. Olaso; B. Ferrando; F. Derbre; M.C. Gómez; R. García; V.E. Martínez; F. Sanchís; H. Pareja; T. Brioché; J. Viña.
- 25** **Title of the work:** El ejercicio espontáneo no alarga la vida pero previene la fragilidad en ratones
Name of the conference: V Reunión Nacional de la Sociedad Española de Medicina Geriátrica
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Toledo, Spain
Date of event: 2012
End date: 2012



R. García; L. Rodríguez; F.J. García; A. Díaz; I. Noguera; F. Sanchís; V.E. Martínez; G. Olaso; M.C. Gómez; J. Viña.

- 26** **Title of the work:** EL EJERCICIO ESPONTÁNEO NO ALARGA LA VIDA PERO PREVIENE LA FRAGILIDAD EN RATONES
Name of the conference: 5ª Reunión Nacional de la Sociedad Española de Medicina Geriátrica (SEMEG). 4ª Reunión de la Red Temática de Investigación Cooperativa en Envejecimiento y Fragilidad (RETICEF).
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Toledo, Spain
Date of event: 2012
End date: 2012
R.Garcia; L.Rodriguez; F.J.Garcia; A.Diaz; I.Noguera; F.Sanchis; V.E.Martinez; G.Olaso; M.C.Gomez; J.Viña.
- 27** **Title of the work:** BENEFICIOS DE LA ADMINISTRACIÓN DE ALOPURINOL EN LA PÉRDIDA DE MASA MUSCULAR CAUSADA POR INMOVILIZACIÓN
Name of the conference: 5ª Reunión Nacional de la Sociedad Española de Medicina Geriátrica (SEMEG). 4ª Reunión de la Red Temática de Investigación Cooperativa en Envejecimiento y Fragilidad (RETICEF).
Type of event: Conference
Type of participation: 'Participatory - poster
City of event: Toledo, Spain
Date of event: 2012
End date: 2012
G. Olaso; B. Ferrando; F. Derbre; M.C. Gómez; R. García; V.E. Martínez; F. Sanchís; H. Pareja; T. Brioché; J. Viña.
- 28** **Title of the work:** Inhibition of xanthine oxidase by allopurinol prevents skeletal muscle atrophy. Role of MAPKinases and E3 ubiquitin ligases
Name of the conference: INTERNATIONAL SYMPOSIUM ON REDOX SIGNALING AND OXIDATIVE STRESS IN HEALTH AND DISEASE. IV Spanish and Portuguese Free Radical Meeting. Spanish Group of Research on Free Radicals (GEIRLI) and the Portuguese Free Radical Group.
Type of event: Conference **Geographical area:** International
Type of participation: Participatory - oral communication
City of event: Valencia, Spain
Date of event: 2012
End date: 2012
B Ferrando; F Derbre; C Puchades; VE Martinez-Bello; F Sanchis-Gomar; G Olaso-Gonzalez, V Sebastia; A Diaz; A Gratas-Delamarche; M Cerda; MC Gomez-Cabrera; J Viña.
- 29** **Title of the work:** On the role of the triplet state in the cis/trans isomerization of rodopsin
Name of the conference: World Association of Theoretical and Computational Chemists (WATOC-2011)
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Santiago de Compostela, Spain
Date of event: 2011
End date: 2011
R. González-Luque; G. Olaso-González; V. Pérez-Mondejar; M. Merchán; P.B.Coto; L. Serrano-Andrés; M. Garavelli.



- 30** **Title of the work:** Moderate ethanol consumption increases life span in *Drosophila melanogaster*
Name of the conference: 2nd World Congress on Targeting Mitochondria - Strategies, Innovations and Clinical Applications
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Berlin, Germany
Date of event: 2011
End date: 2011
Gambini J; Machado NG; Edo R; López-Gruoso R; Bonet-Costa V; Abdelaziz KM; El Alami M; Inglés M; Dromant M; Olaso G; Borrás C; Viña J.
- 31** **Title of the work:** Nutritional modulation of sirtuin expression is mediated by redox changes
Name of the conference: 2nd World Congress on Targeting Mitochondria - Strategies, Innovations and Clinical Applications
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Berlin, Germany
Date of event: 2011
End date: 2011
Gambini J; Machado NG; Inglés M; López-Gruoso R; Bonet-Costa V; Abdelaziz KM; El Alami M; Edo R; Dromant M; Olaso G; Borrás C; Oliveira PJ; Viña J.
- 32** **Title of the work:** Age associated low mitochondrial biogenesis may be explained by lack of response of PGC-1 α to exercise.
Name of the conference: SFRR-Europe 2011 Meeting
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Estambul, Turkey
Date of event: 2011
End date: 2011
MC Gomez-Cabrera; F Derbre; VE Martinez-Bello; F Sanchis-Gomar; R Garcia-Valles; S Ibañez-Sania; T Brioché1; B Ferrando; G Olaso-Gonzalez; H Pareja-Galeano; A Gratas-Delamarche; J Viña.
- 33** **Title of the work:** Study of the effect of exercise training on ozone toxicity in mice
Name of the conference: Environmental stressors in biology and medicine
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Sienna, Italy
Date of event: 2011
End date: 2011
Ibanez-Sania S; Gomez-Cabrera MC; Sanchis-Gomar F; Martinez-Bello VE; Diaz A; Olaso-Gonzalez G; Gardi C; Valacchi G; Vina J.
- 34** **Title of the work:** Survival of the fittest: Participation in the "Tour de France" significantly increases longevity.
Name of the conference: Congreso Europeo de Geriatria 2011/Congress of the EUGMS/Congress of the SEGG/Congress of the SAGG
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Málaga, Spain
Date of event: 2011
End date: 2011



M. C. Gómez Cabrera; F. Sanchis Gomar; G. Olaso González; D. Corella; H. Pareja-Galeano; S. Ibañez-Sania; J. Viña .

- 35** **Title of the work:** Non-Adiabatic Photoreactivity in π -Stacked Pyrimidine Dimers
Name of the conference: Excited States and Non-Adiabatic Processes in Complex Systems. Theoretical Approaches
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Girona, Spain
Date of event: 2011
End date: 2011
D. Roca-Sanjuán; J. J. Serrano-Pérez; G. Olaso-González; I. González-Ramírez; P. B. Coto; T. Climent; V. Sauri; A. Giussani; J. Segarra; J. P. Gobbo; M. Rubio; V. Pérez; R. González-Luque; L. Serrano-Andrés; M. Merchán.
- 36** **Title of the work:** Plasma malondialdehyde as a marker of frailty in humans
Name of the conference: Nutrition, oxygen biology and medicine
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: París, France
Date of event: 2011
End date: 2011
Inglés M.; Dromant M.; Olaso G.; El Alami M.; Abdelaziz KM.; López-Grueso R.; Bonet-Costa V.; Escriva C.; Edo R.; Borrás C.; Gambini J.; Viña J.
- 37** **Title of the work:** The effect of soy consumption on longevity of OF- 1 male mice
Name of the conference: Nutrition, oxygen biology and medicine
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: París, France
Date of event: 2011
End date: 2011
Abdelaziz KM.; Lopez-Grueso R.; Edo R.; El Alami M.; Dromant M.; Bonet-Costa V.; Inglés M.; Olaso G.; Escriva C.; Gambini J.; Borrás C.; Vina J.
- 38** **Title of the work:** Growth of dental pulp stem cells at 3% and 21% O₂
Name of the conference: Nutrition, oxygen biology and medicine
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: París, France
Date of event: 2011
End date: 2011
El Alami M.; Viña JA.; Inglés M.; Dromant M.; Bonet- Costa V.; Abdelaziz KM.; Olaso G.; Edo R.; Escriva C.; López grueso R.; Borrás C.; Gambini J; Peñarrocha M; Viña J.
- 39** **Title of the work:** Moderate ethanol increases life span in drosophila melanogaster
Name of the conference: Nutrition, oxygen biology and medicine
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: París, France
Date of event: 2011
End date: 2011



Gambini J; Edo R; López-Gruoso R; Bonet-Costa V; Edo R; Abdelaziz KM; El Alami M; Inglés M; Dromant M; Olaso G; Esclva C; Borrás C; Viña J.

- 40** **Title of the work:** Estrogen Replacement Therapy (ERT) requires a "critical time" for its beneficial effects
Name of the conference: Nutrition, oxygen biology and medicine
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: París, France
Date of event: 2011
End date: 2011
López-Gruoso R; Bonet-Costa V; Edo R; Abdelaziz KM; El Alami M; Inglés M; Dromant M; Olaso G; Esclva C; Gambini J; Borrás C; Viña J.
- 41** **Title of the work:** Oxidative stress in a model of Alzheimer's Disease. Paradoxical results
Name of the conference: Nutrition, oxygen biology and medicine
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: París, France
Date of event: 2011
End date: 2011
Bonet-Costa V; López-Gruoso R; Edo R; Abdelaziz KM; El Alami M; Inglés M; Dromant M; Olaso G; Esclva C; Gambini J; Borrás C; Viña J.
- 42** **Title of the work:** Oxidative damage is related to frailty in terms of malondialdehyde and protein oxidation in plasma
Name of the conference: Society of free radicals research (SFRR)- Europe 2011 meeting
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Estambul, Turkey
Date of event: 2011
End date: 2011
Inglés M.; Dromant M.; Olaso G.; El Alami M.; Abdelaziz KM.; López-Gruoso R.; Bonet-Costa V.; Esclva C.; Edo R.; Gambini J.; Borrás C.; Viña J.
- 43** **Title of the work:** Nutritional modulation of sirtuin expression is mediated by redox changes
Name of the conference: 2nd world congress on targeting mitochondria 2011
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Berlín, Germany
Date of event: 2011
End date: 2011
Gambini J; Machado NG; Inglés M; López-Gruoso R; Bonet-Costa V; Abdelaziz KM; El Alami M; Edo R; Dromant M; Olaso G; Borrás C; Oliveira PJ; Viña J.
- 44** **Title of the work:** Moderate ethanol consumption increases life span in drosophila melanogaster
Name of the conference: 2nd world congress on targeting mitochondria 2011
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Berlín, Germany
Date of event: 2011
End date: 2011



Gambini J; Machado NG; Edo R; López-Gruoso R; Bonet-Costa V; Abdelaziz KM; El Alami M; Inglés M; Dromant M; Olaso G; Borrás C; Viña J.

45 Title of the work: Regulation of the p53 protein levels by aerobic training. Protective effect of exercise on paraquat-induced toxicity.

Name of the conference: Second international conference on environmental stressors in biology and medicine.

Type of event: Conference

Geographical area: International

Type of participation: Participatory - poster

City of event: Sienna, Italy

Date of event: 2011

End date: 2011

Gomez-Cabrera MC; Ibanez-Sania S; Sanchis-Gomar F; Martinez-Bello VE; Diaz A; Olaso-Gonzalez G; Ferrando B; Brioché T; Pareja-Galeano H; Garcia-Valles R; Vina J.

46 Title of the work: The Photochemistry of DNA: photoexcited DNA base pairs and the nature of the excimer/exciple states

Type of event: Conference

Geographical area: International

Type of participation: Participatory - poster

City of event: Spain

Date of event: 2010

End date: 2010

Angelo Giussani; Daniel Roca-Sanjuán; Gloria Olaso-González; Juan José Serrano-Pérez; Manuela Merchán; Luis Serrano-Andrés.

47 Title of the work: Survival of the fittest-Participation in the Tour of France significantly enhances longevity.

Name of the conference: VI Congreso Internacional de la Asociación Española de Ciencias del Deporte

Type of event: Conference

Geographical area: International

Type of participation: Participatory - oral communication

City of event: Elche, Spain

Date of event: 2010

End date: 2010

Organising entity: 6212 - Universidad Miguel Hernández de Elche (España)

F Sanchis-Gomar; G Olaso-Gonzalez; D Corella; VE Martinez-Bello; R García-Valles; S Ibañez-Sania; B Ferrando; H Pareja-Galeano; E García-López; V Sebastián; MC Gomez-Cabrera; J Viña."Libro de abstracts".

48 Title of the work: Molecular Basis of DNA Photochemistry from Multiconfigurational Quantum Chemistry

Name of the conference: 13th ICQC: International Conference in Quantum Chemistry

Type of event: Conference

Geographical area: International

Type of participation: Participatory - poster

City of event: Helsinki, Finland

Date of event: 2009

End date: 2009

L. Serrano-Andrés; M. Merchán; R. González-Luque; M. Rubio; P. B. Coto; T. Climent; J. J. Serrano-Pérez; D. Roca-Sanjuán; G. Olaso-González; I. González-Ramírez; V. Saurí; A. Giussani.

49 Title of the work: Identification and Physiological regulation of new longevity-associated genes

Name of the conference: 13th Joint Meeting Signal Transduction Receptors, Mediators and Genes

Type of event: Conference

Geographical area: International

Type of participation: Participatory - invited/keynote talk

City of event: Weimar, Germany

Date of event: 2009



End date: 2009

Viña J; Gómez-Cabrera C; Borrás C; Gambini J; Olaso G.

- 50** **Title of the work:** In Quest of an Efficient and Accurate Modelling of the Photochemistry of Biological Photoreceptors: A QM/MM Approach
Name of the conference: World Association of Theoretical and Computational Chemists WATOC 08
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Sydney, Australia
Date of event: 2008
End date: 2008
P. B. Coto; I. González-Ramírez; G. Olaso-González; D. Roca-Sanjuán; J. J. Serrano-Pérez; M. Merchán.
- 51** **Title of the work:** Excimer and Photodimerization of Pyrimidine Nucleobases in DNA
Name of the conference: IBBI08- Isolated Biomolecules and Biomolecular Interactions
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Valladolid, Spain
Date of event: 2008
End date: 2008
Gloria Olaso-González; Daniel Roca-Sanjuán; Israel González-Ramírez; T. Climent; Luis Serrano-Andrés; Manuela Merchán.
- 52** **Title of the work:** Modeling reactivity in DNA: charge transfer and transport
Name of the conference: IBBI08- Isolated Biomolecules and Biomolecular Interactions
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Valladolid, Spain
Date of event: 2008
End date: 2008
Daniel Roca-Sanjuán; Pedro B. Coto; Gloria Olaso-González; Luis Serrano-Andrés; Manuela Merchán.
- 53** **Title of the work:** Modeling Reactivity in DNA: Charge Transfer and Transport
Name of the conference: IBBI08 International Conference in Isolated Biomolecules and Biomolecular Interactions
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Spain
Date of event: 2008
End date: 2008
Daniel Roca-Sanjuán; P. B. Coto; G. Olaso-González; L. Serrano-Andrés; M. Merchán.
- 54** **Title of the work:** Excimer and Photodimerization of Pyrimidine Nucleobases in DNA
Name of the conference: IBBI08 International Conference in Isolated Biomolecules and Biomolecular Interactions
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Spain
Date of event: 2008
End date: 2008
G. Olaso-González; D. Roca-Sanjuán; I. González-Ramírez; T. Climent; L. Serrano-Andrés; M. Merchán.



- 55** **Title of the work:** Photostability and Photoreactivity in Biomolecules: Quantum Chemistry of Nucleic Acid Base Monomers and Dimers
Name of the conference: RADAM07, 4th Meeting COST Action P9 on Radiation Damage
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Dublin, Ireland
Date of event: 2007
End date: 2007
Luis Serrano-Andrés; Manuela Merchán; Remedios González-Luque; Mercedes Rubio; Teresa Climent; Juan José Serrano-Pérez; Daniel Roca-Sanjuán; Gloria Olaso-González; Israel González-Ramírez.
- 56** **Title of the work:** BIOEXCIMERS AS PRECURSORS OF CHARGE TRANSFER AND REACTIVITY IN PHOTOBIOLOGY
Name of the conference: 234th ACS National Meeting: Excited Electronic States in Chemistry and Biology: Theory and Experiment
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Boston, United States of America
Date of event: 2007
End date: 2007
Manuela Merchán; Luis Serrano-Andrés; Mercedes Rubio; Daniel Roca-Sanjuán; Gloria Olaso-González; Israel González-Ramírez.
- 57** **Title of the work:** Ultrafast Electron Transfer in Photosynthesis: Reduced Pheophytin and Quinone Interaction Mediated by Conical Intersections
Name of the conference: International Conference of Computational Methods in Sciences and Engineering, ICCMSE 2007 Modeling Complex Molecular and Biomaterial Systems
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Corfu, Greece
Date of event: 2007
End date: 2007
G. Olaso-González; M. Merchán; L. Serrano-Andrés.
- 58** **Title of the work:** Toward an Understanding of the Spectral Tuning in Rhodopsin
Name of the conference: International Conference of Computational Methods in Sciences and Engineering, ICCMSE 2007 Modeling Complex Molecular and Biomaterial Systems
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Corfu, Greece
Date of event: 2007
End date: 2007
G. Olaso-González; G. Tomasello; P. Altoè; M. Stenta; L. Serrano-Andrés; M. Merchán; M. Garavelli.
- 59** **Title of the work:** Ultrafast Electron Transfer in Photosynthesis: Reduced Pheophytin and Quinone Interaction Mediated by Conical Intersections
Name of the conference: 14th International Congress of Photosynthesis
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Glasgow, United Kingdom
Date of event: 2007



End date: 2007

G. Olaso-González; M. Merchán; L. Serrano-Andrés.

- 60** **Title of the work:** Retinal photoisomerization in rhodopsin: Electrostatic and steric catalysis
Name of the conference: International Conference of Computational Methods in Sciences and Engineering, ICCMSE 2007 Modeling Complex Molecular and Biomaterial Systems
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Corfu, Greece
Date of event: 2007
End date: 2007
G. Tomasello; G. Olaso-González; P. Altoe; M; Stenta; G. Orlandi. M. Garavelli.
- 61** **Title of the work:** Toward an Understanding of Ultrafast Electron Transfer in Photosynthesis
Name of the conference: Electronic Structure: Principles and Applications, ESPA2006
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Santiago de Compostela, Spain
Date of event: 2006
End date: 2006
G. Olaso-González; M. Merchán; L. Serrano-Andrés.
- 62** **Title of the work:** Conformational Effects on the UV Absorption Spectrum of Decamethyl-n-tetrasilane
Name of the conference: XIth International Congress of Quantum Chemistry
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Bonn, Federal Republic of Germany
Date of event: 2003
End date: 2003
R. Crespo; G. Olaso; J.J. Serrano; M.C. Piqueras; J. Michl.
- 63** **Title of the work:** Electronic Excited States of Disilanes
Name of the conference: XIth International Congress of Quantum Chemistry
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Bonn, Federal Republic of Germany
Date of event: 2003
End date: 2003
M.C. Piqueras; J.J. Serrano; G. Olaso; R. Crespo; J. Michl.
- 64** **Title of the work:** Theoretical Analysis of Electronic Excited States in Peralkyldisilanes and Related Propellanes
Name of the conference: 2nd European Organosilicon Days
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Munich, Federal Republic of Germany
Date of event: 2003
End date: 2003
M.C. Piqueras; G. Olaso; R. Crespo; J. Michl.



- 65** **Title of the work:** Electronic Structure and Conformation in Decamethyl-n-tetrasilane. A Theoretical Investigation
Name of the conference: 2nd European Organosilicon Days
Type of event: Conference **Geographical area:** International
Type of participation: 'Participatory - poster
City of event: Munich, Federal Republic of Germany
Date of event: 2003
End date: 2003
R. Crespo; G. Olaso; M.C. Piqueras; J. Michl.

Other achievements

Stays in public or private R&D centres

- 1** **Entity:** Dipartimento di Chimica G. Ciamician Universita' degli Studi di Bologna
City of entity: BOLOGNA, Italy
Start date: 2007 **Duration:** 4 months
Goals of the stay: **Doctorand
Provable tasks: Colaboración con el grupo del Dr. Marco Garavelli, en la que se aplico la metodología COBRAMM al estudio de la influencia que el entorno proteico puede ejercer en la fotoisomerización de la base de Schiff del 11-cis-retinal en los pigmentos visuales.
- 2** **Entity:** Dipartimento di Chimica G. Ciamician Universita' degli Studi di Bologna
City of entity: BOLOGNA, Italy
Start date: 2006 **Duration:** 15 days
Goals of the stay: **Doctorand
Provable tasks: Colaboración con el grupo del Dr. Marco Garavelli, en la que se puso a punto una nueva interfaz QM/MM desarrollada en dicho grupo (COBRAMM). Aplicación de esta metodología en el estudio teórico del proceso de fotoisomerización de la Rodopsina.

Prizes, mentions and distinctions

Description: Premio Medalla García Blanco a la Investigación Biomédica 2010

Summary of other achievements

- 1** **Description of the achievement:** Research lines: Dieta cetogènica i neuroprotecció; 01/05/2016 --
Conferral date: 01/05/2016
- 2** **Description of the achievement:** Research lines: Estudio de sistemas biológicos fotoinducidos mediante metodologia químico cuántica.; 01/01/2004 -- 01/01/2010
Accrediting entity: Instituto de Ciencia Molecular (ICMOL)
Conferral date: 01/01/2004



- 3** **Description of the achievement:** Research sections (six-year): Reconocimiento de dos sexenios de investigación por el AVAP

- 4** **Description of the achievement:** Teaching sections (five-year): Reconocimiento de un quinquenio de docencia

- 5** **Description of the achievement:** Acreditación del AVAP para ejercer como profesor ayudante doctor.