



Luis González Candelas

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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.



Luis González Candelas

Surname(s): **González Candelas**
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Current professional situation

Employing entity: Consejo Superior de Investigaciones Científicas
Type of entity: State agency
Department: Dpto Ciencia de los Alimentos, Instituto de Agroquímica y Tecnología de Alimentos
Professional category: Investigador Científico
Start date: 09/06/2009
Type of contract: Civil servant
Dedication regime: Full time
Primary (UNESCO code): 241406 - Fungí; 241501 - Molecular biology of micro-organisms; 310800 - Phytopathology; 330991 - Conservation postrecoleccion
Secondary (UNESCO code): 241502 - Molecular biology of plants; 320605 - Food pathogens
Tertiary (UNESCO code): 241501 - Molecular biology of micro-organisms
Performed tasks: Bases moleculares de los factores de patogenicidad y viruencia en hongos fitopatógenos de frutos y alterantes de alimentos Bases moleculares de la respuesta de defensa de frutos al ataque por patógenos e inducción de resistencia
Identify key words: Genomics; Microbiology; Phytopathology

Previous positions and activities

	Employing entity	Professional category	Start date
1	Consejo Superior de Investigaciones Científicas	Científico Titular	01/05/1996
2	Consejo Superior de Investigaciones Científicas	investigador contratado	01/10/1992
3	Ohio State University	Postdoc	01/10/1990
4	Consejo Superior de Investigaciones Científicas	becario predoctoral	01/01/1987

1 **Employing entity:** Consejo Superior de Investigaciones Científicas
Type of entity: State agency
Professional category: Científico Titular
Start-End date: 01/05/1996 - 08/06/2009
Duration: 13 years - 1 month - 8 days



- 2** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Professional category: investigador contratado **Educational Management (Yes/No):** No
Start-End date: 01/10/1992 - 30/04/1996 **Duration:** 3 years - 7 months
Type of contract: Temporary employment contract
- 3** **Employing entity:** Ohio State University **Type of entity:** University Research Institute
Department: Ohio State Biotechnology Center
City employing entity: Columbus, United States of America
Professional category: Postdoc
Start-End date: 01/10/1990 - 30/09/1992 **Duration:** 24 months
Type of contract: Grant-assisted student (pre or post-doctoral, others)
Performed tasks: Caracterización molecular de las pectinas de Fusarium solani f. sp. pisi
- 4** **Employing entity:** Consejo Superior de Investigaciones Científicas **Type of entity:** State agency
Professional category: becario predoctoral
Start-End date: 01/01/1987 - 30/09/1990 **Duration:** 3 years - 9 months



Education

University education

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

University degree: Higher degree

Name of qualification: Licenciado en Biología Especialidad Bioquímica

Degree awarding entity: Universitat de València **Type of entity:** University

Date of qualification: 30/07/1985

Doctorates

Doctorate programme: Biología

Degree awarding entity: Universitat de València **Type of entity:** University

Date of degree: 28/05/1990

Thesis title: Clonación y caracterización de dos genes de Bacillus polymyxa que codifican β -glucosidasas

Thesis director: Agusti Flors Bonet

Thesis co-director: Julio Polaina Moina

Obtained qualification: cum laude

Language skills

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

Teaching experience

General teaching experience

- Type of teaching:** Official teaching

Name of the course: Técnicas Instrumentales Analíticas y Separativas

Type of programme: Bachelor's degree

University degree: Licenciado en Ciencias Biológicas

Start date: 01/10/2008 **End date:** 30/08/2012

Type of hours/ ECTS credits: Credits

Hours/ECTS credits: 27,6

Entity: Universitat de València **Type of entity:** University

Faculty, institute or centre: Facultad de Ciencias Biológicas

Department: Microbiología y Ecología



2 **Name of the course:** Microbiología
University degree: Licenciado en Ciencias Biológicas
Start date: 2009 **End date:** 2012
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 4
Entity: Universitat de València **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Biológicas
Department: Microbiología y Ecología

3 **Name of the course:** Introducción a la Microbiología
University degree: Ingeniero Químico
Start date: 2008 **End date:** 2009
Type of hours/ ECTS credits: Credits
Hours/ECTS credits: 0,75
Entity: Universitat de València **Type of entity:** University
Faculty, institute or centre: Facultad de Ciencias Biológicas

Experience supervising doctoral thesis and/or final year projects

1 **Project title:** Genómica funcional en el hongo *Penicillium digitatum* para estudiar genes implicados en patogenicidad sobre frutos cítricos
Type of project: Minor thesis
Entity: Universitat de València **Type of entity:** University
Student: Victor Silva Alejandro
Date of reading: 19/12/2017

2 **Project title:** Estudio del factor de transcripción PrtT que regula la síntesis de proteasas en la virulencia de *Penicillium digitatum* sobre frutos cítricos
Type of project: Minor thesis
Co-director of thesis: Ana Rosa Ballester Frutos
Entity: Universitat de València **Type of entity:** University
Student: Beatriz de la Fuente Miguel
Obtained qualification: Sobresaliente
Date of reading: 16/12/2013

3 **Project title:** Estudio de los factores de patogenicidad/virulencia de *Penicillium digitatum* sobre frutos cítricos
Type of project: Doctoral thesis
Entity: Universidad Politécnica de Valencia **Type of entity:** University
Student: Mario López Pérez
Obtained qualification: Sobresaliente cum laude
Date of reading: 15/11/2013

4 **Project title:** Análisis de expresión génica mediante RT-PCR cuantitativa en la interacción entre el hongo *Penicillium expansum* y la manzana (*Malus domestica*)
Type of project: Minor thesis
Co-director of thesis: Ana Rosa Ballester Frutos
Entity: Universitat de València **Type of entity:** University
Student: Cristina Selma Lázaro
Obtained qualification: Sobresaliente
Date of reading: 18/12/2012



- 5** **Project title:** Identificación de genes implicados en la producción de ocratoxina A en *Aspergillus carbonarius* / Tesis doctoral presentada por Ana Crespo Sempere
Type of project: Doctoral thesis
Co-director of thesis: Pedro Vicente Martínez Culebras
Entity: Universitat de València **Type of entity:** University
Student: Ana Crespo Sempere
Obtained qualification: Sobresaliente cum laude
Date of reading: 20/01/2012
- 6** **Project title:** Caracterización de la ruta de síntesis de flavonoides en frutos cítricos
Type of project: Minor thesis
Entity: Universitat de València **Type of entity:** University
Student: David Soriano Castell
Obtained qualification: Sobresaliente
Date of reading: 12/2010
- 7** **Project title:** Cambios de expresión génica asociados a la respuesta de los frutos cítricos frente a la infección por hongos del género *Penicillium*
Type of project: Doctoral thesis
Co-director of thesis: Jose Francisco Marcos López
Entity: Universidad Politécnica de Valencia **Type of entity:** University
Student: Santiago Alamar Cort
Obtained qualification: Sobresaliente cum laude
Date of reading: 06/03/2009
- 8** **Project title:** Aislamiento y caracterización de genes implicados en la tolerancia de los frutos cítricos al frío y estudio de su posible relación con otras situaciones de interés en la postcosecha
Type of project: Doctoral thesis
Co-director of thesis: M^a Teresa Lafuente Rodríguez
Entity: Universidad Politécnica de Valencia **Type of entity:** University
Student: Beatriz Establés Ortiz
Obtained qualification: sobresaliente cum laude
Date of reading: 28/07/2008
- 9** **Project title:** Resistencia frente a la infección por *Penicillium digitatum* durante la postcosecha de los frutos cítricos: bases moleculares y metabolismo de fenilpropanoides
Type of project: Doctoral thesis
Co-director of thesis: M^a Teresa Lafuente Rodríguez
Entity: Universitat de València **Type of entity:** University
Student: Ana Rosa Ballester Frutos
Obtained qualification: sobresaliente cum laude
Date of reading: 23/11/2007
- 10** **Project title:** Respuestas fisiológicas y moleculares de frutos cítricos frente a la infección por *Penicillium digitatum*
Type of project: End of course project
Co-director of thesis: M^a Teresa Lafuente Rodríguez
Entity: Universidad Politécnica de Valencia **Type of entity:** University
Student: Ana Rosa Ballester Frutos
Obtained qualification: 10
Date of reading: 2001



- 11** **Project title:** Tratamientos físico-químicos en el control de Penicillium en manzanas y cítricos
Type of project: End of course project
Co-director of thesis: M^ª Teresa Lafuente Rodríguez
Entity: Universidad Politécnica de Valencia **Type of entity:** University
Student: Juan Luis de la Rosa Castinger
Obtained qualification: 7
Date of reading: 1999
- 12** **Project title:** Construcción de levaduras y hongos recombinantes que expresan enzimas hidrolíticas implicadas en la liberación de aromas del vino
Type of project: Doctoral thesis
Co-director of thesis: Daniel Ramón Vidal
Entity: Universitat de València **Type of entity:** University
Student: Paloma Sánchez Torres
Obtained qualification: Apto cum laude
Date of reading: 1996

Scientific and technological experience

Research and development groups/teams

Name of the group: Fisiología y Biotecnología Postcosecha
Aims of the group: Investigación en Postcosecha
Type of collaboration: Co-authorship of projects and their development
Affiliation entity: Instituto de Agroquímica y Tecnología de Alimentos **Type of entity:** State agency
Start date: 01/05/1996

Scientific or technological activities

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

- 1** **Name of the project:** Mecanismos de patogenicidad y de resistencia a la infección en la interacción fruto cítrico-Penicillium digitatum
Type of project: Research and development, including transfer
Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Luis González Candelas; María Teresa Lafuente Rodríguez
Nº of researchers: 2
Funding entity or bodies: Ministerio de Ciencia, Innovación y Universidades
Code according to the funding entity: AGL2017-88120-R
Start-End date: 01/01/2018 - 31/12/2020
Total amount: 145.200 €



- 2** **Name of the project:** Red nacional sobre las micotoxinas y hongos toxigénicos y sus procesos de descontaminación
Name principal investigator (PI, Co-PI....): Jordi Mañes Vinuesa; Misericordia Jiménez Escamilla; Vicente Sanchís Almenar; M. del Mar Rodríguez Jovita; Agustín Ariño Moneva; Luis González Candelas; Francisco Javier Cabañes Saenz; Ana MARía García Campaña; Elena González Peñas; Covadonga Vázquez Estévez
Nº of researchers: 10
Funding entity or bodies:
Ministerio de Ciencia, Innovación y Universidades (AGL2017-90787-REDT)
Start-End date: 01/01/2018 - 31/12/2019
Total amount: 17.000 €
- 3** **Name of the project:** Infección de frutos cítricos por *Penicillium digitatum*: del estudio de los mecanismos de patogenicidad y defensa al desarrollo de nuevos sistemas de control
Type of project: Research and development, including transfer
Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos **Type of entity:** State agency
City of entity: Paterna, Valencian Community, Spain
Name principal investigator (PI, Co-PI....): Luis González Candelas; Maria Teresa Lafuente Rodríguez
Nº of researchers: 2
Funding entity or bodies:
Ministerio de Economía y Competitividad **Type of entity:** Public Research Body
Code according to the funding entity: AGL2014-55802-R
Start-End date: 01/01/2015 - 30/06/2018
Total amount: 217.800 €
- 4** **Name of the project:** Biotecnología, fisiología y patología postcosecha de frutos
Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): L. González-Candelas
Nº of researchers: 5
Funding entity or bodies:
Conselleria de Cultura Educació i Esport **Type of entity:** GVA
City funding entity: Valencia, Valencian Community, Spain
Type of participation: Co-ordinator
Code according to the funding entity: PROMETEOII/2014/027
Start-End date: 01/01/2014 - 31/12/2017
Total amount: 75.000 €
Dedication regime: Full time
- 5** **Name of the project:** Red nacional sobre las micotoxinas y hongos toxigénicos y sus procesos de descontaminación
Name principal investigator (PI, Co-PI....): Jordi Mañes Vinuesa; Agustín Ariño Moneva; Alberto Cepeda Sáez; Covadonga Vázquez Estévez; Vicente Sanchís Almenar; M. del Mar Rodríguez Jovita; Luis González Candelas; Misericordia Jiménez Escamilla; Adela López de Cerain Salsamendi
Nº of researchers: 9
Funding entity or bodies:
Ministerio de Economía y Competitividad (AGL2014-52648-REDT)
Start-End date: 01/11/2014 - 31/10/2016
Total amount: 27.000 €



- 6** **Name of the project:** Caracterización de los mecanismos de virulencia y defensa en la interacción hongo-fruto como herramienta para el control de *Penicillium* patógenos de cítricos y de manzanas
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Luis González Candelas
Nº of researchers: 3
Funding entity or bodies: Ministerio Ciencia e Innovación (AGL2011- 30519-C03-01)
Type of participation: Co-ordinator
Code according to the funding entity: AGL2011- 30519-C03-01
Start-End date: 01/01/2012 - 31/12/2014 **Duration:** 3 years
Participating entity/entities: IATA-CSIC
Total amount: 193.600 €
Dedication regime: Full time
- 7** **Name of the project:** Nuevas aproximaciones fisiológicas y biotecnológicas en postcosecha de frutos
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Luis González Candelas
Nº of researchers: 5
Funding entity or bodies: Conselleria d'Educació. Generalitat Valenciana (PROMETEO/2010/010)
Type of participation: Co-ordinator
Code according to the funding entity: PROMETEO/2010/010
Start-End date: 01/01/2010 - 31/12/2013 **Duration:** 4 years
Participating entity/entities: IATA-CSIC
Total amount: 191.130 €
- 8** **Name of the project:** Nuevos Ingredientes de Alimentos Funcionales para Mejorar la Salud (FUN-C-FOOD)
Degree of contribution: Researcher
Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Francisco Tomás Barberán
Nº of researchers: 130
Funding entity or bodies: MEC. Programa Consolider-Ingenio 2010 (Ref. CSD2007-00063)
Type of participation: Others
Start-End date: 25/10/2007 - 2013 **Duration:** 4 years - 2 months - 7 days
Participating entity/entities: 17 grupos pertenecientes al CSIC; distintas Universidades y hospitales españoles
Total amount: 5.797.000 €
- 9** **Name of the project:** Una aproximación genómica a la caracterización de las enfermedades postcosecha de cítricos y manzanas causadas por *P. digitatum* y *P. expansum* respectivamente.
Degree of contribution: Coordinator of total project, network or consortium
Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos **Type of entity:** State agency
Name principal investigator (PI, Co-PI....): Luis González Candelas



Nº of researchers: 4

Funding entity or bodies:

Ministerio Ciencia e Innovación (AGL2008-04828-C03-02)

Type of participation: Co-ordinator

Code according to the funding entity: AGL2008-04828-C03-02

Start-End date: 01/01/2009 - 31/12/2011

Duration: 3 years

Participating entity/entities: IATA-CSIC

Total amount: 205.700 €

10 Name of the project: Estudio molecular de los factores de patogenicidad/virulencia de *Penicillium digitatum*

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

Entity where project took place: Instituto de

Type of entity: State agency

Agroquímica y Tecnología de Alimentos

Name principal investigator (PI, Co-PI....): Luis González Candelas

Nº of researchers: 2

Funding entity or bodies:

MEC. (AGL2005-04921-C02-01)

Type of participation: Co-ordinator

Code according to the funding entity: AGL2005-04921-C02-01

Start-End date: 31/12/2005 - 31/12/2008

Duration: 3 years

Participating entity/entities: IATA-CSIC

Total amount: 107.100 €

11 Name of the project: Estrategias alternativas de control de podredumbres de frutos cítricos

Entity where project took place: Instituto de

Type of entity: State agency

Agroquímica y Tecnología de Alimentos

Name principal investigator (PI, Co-PI....): Luis González Candelas

Nº of researchers: 2

Funding entity or bodies:

CSIC. Proyecto Intramural Especial 2004 7 0E 149

Start-End date: 01/01/2005 - 31/12/2005

Duration: 1 year

Participating entity/entities: IATA-CSIC

Total amount: 35.400 €

12 Name of the project: Estudio molecular de los factores de patogenicidad/virulencia de *Penicillium digitatum*

Entity where project took place: Instituto de

Type of entity: State agency

Agroquímica y Tecnología de Alimentos

Name principal investigator (PI, Co-PI....): Luis González Candelas

Nº of researchers: 2

Funding entity or bodies:

MEC. Financiación puente (AGL2004-03051-C02-02 / AGR)

Start date: 12/2004

Duration: 1 year

Participating entity/entities: IATA-CSIC

Total amount: 11.500 €

13 Name of the project: Ayuda para grupos de I+D+i radicados en la

Entity where project took place: Instituto de

Type of entity: State agency

Agroquímica y Tecnología de Alimentos

Name principal investigator (PI, Co-PI....): M^a Teresa Lafuente Rodríguez



Nº of researchers: 4

Funding entity or bodies:

Generalitat Valenciana (AVCiT-GRUPOS03/008)

Start date: 2003

Duration: 4 years

Participating entity/entities: IATA-CSIC

Total amount: 65.815 €

- 14 Name of the project:** Estudio de las respuestas de los frutos cítricos a las bajas temperaturas y a la infección por *Penicillium* mediante genómica funcional

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos

Type of entity: State agency

Name principal investigator (PI, Co-PI....): Lorenzo Zacarías García

Nº of researchers: 4

Funding entity or bodies:

CICYT. Acción Estratégica de Genómica y Proteómica (GEN2001-4885-C05-04)

Start date: 12/2002

Duration: 3 years

Participating entity/entities: IBMCP (UPV-CSIC) e IATA-CSIC; Instituto Valenciano de Investigaciones Agrarias

Total amount: 110.400 €

- 15 Name of the project:** Resistencia a alteraciones fisiológicas y patológicas durante la postcosecha de los frutos cítricos: bases moleculares y metabolismo de los fenilpropanoides

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos

Type of entity: State agency

Name principal investigator (PI, Co-PI....): M^a Teresa Lafuente Rodríguez

Nº of researchers: 3

Funding entity or bodies:

CICYT (AGL2002-01727)

Start date: 12/2002

Duration: 3 years

Participating entity/entities: IATA-CSIC

Total amount: 121.900 €

- 16 Name of the project:** Podredumbres durante la post-cosecha de frutos cítricos. Caracterización de respuestas fisiológicas y moleculares de frutos frente a la infección por *Penicillium*. Efecto de tratamientos físico-químicos de control

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos

Type of entity: State agency

Name principal investigator (PI, Co-PI....): José F. Marcos López

Nº of researchers: 4

Funding entity or bodies:

CICYT (AGL2000-1443)

Start date: 12/2000

Duration: 3 years

Participating entity/entities: IATA-CSIC

Total amount: 94.238,7 €

- 17 Name of the project:** Desarrollo de sistemas basados en levaduras de biocontrol para la protección integrada contra podredumbres de la post-cosecha de frutos cítricos

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos

Type of entity: State agency

Name principal investigator (PI, Co-PI....): Luis González Candelas



Nº of researchers: 2

Funding entity or bodies:

Conselleria de Agricultura, Pesca y Alimentación de la Generalitat Valenciana (GV-CAPA00-16)

Start date: 08/2000

Duration: 4 years

Participating entity/entities: IATA-CSIC

Total amount: 116.355,94 €

18 Name of the project: Estudio y aplicación de marcadores moleculares asociados al almacenamiento a bajas temperaturas de frutos cítricos

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos

Type of entity: State agency

Name principal investigator (PI, Co-PI....): Antonio Granell Richart

Nº of researchers: 2

Funding entity or bodies:

CICYT (ALI99-0954-C03-03)

Start date: 12/1999

Duration: 3 years

Participating entity/entities: IBMCP e IATA; Instituto del Frío ; todos ellos pertenecientes al CSIC

Total amount: 70.005,9 €

19 Name of the project: Controlling Mediterranean fruit fly and citrus fruit quality by postharvest heat treatments

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos

Type of entity: State agency

Name principal investigator (PI, Co-PI....): M^a Teresa Lafuente Rodríguez

Nº of researchers: 5

Funding entity or bodies:

Unión Europea (FAIR CT98-4096)

Start date: 02/1999

Duration: 3 years - 6 months

Participating entity/entities: ANECOOP; IATA e IBMCP del CSIC; Volcani Center

Total amount: 221.773,47 €

20 Name of the project: Actividades enzimáticas extracelulares de las levaduras no Saccharomyces y su relación con la calidad del vino

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos

Type of entity: State agency

Name principal investigator (PI, Co-PI....): Dr. Agustí Flors Bonet

Nº of researchers: 2

Funding entity or bodies:

CICYT (ALI97-0361)

Start date: 08/1997

Duration: 2 years

Participating entity/entities: IATA-CSIC

21 Name of the project: Implicación de enzimas del metabolismo de fenilpropanoides y del estrés oxidativo en la respuesta de frutos a la infección por hongos del género Penicillium

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos

Type of entity: State agency

Name principal investigator (PI, Co-PI....): Luis González Candelas

Nº of researchers: 3

Funding entity or bodies:

CICYT (ALI97-0846-C02-02)



Start date: 08/1997 **Duration:** 3 years
Participating entity/entities: IATA-CSIC y U. de Valencia
Total amount: 57.120,19 €

22 Name of the project: Caracterización genética y fisiológica de los mecanismos de infección de *Penicillium expansum* en frutos

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos **Type of entity:** State agency

Name principal investigator (PI, Co-PI....): Dr. Lorenzo Zacarías García

Funding entity or bodies:

CENTRO DE ACUSTICA APLICADA Y EVALUACION NO DESTRUCTIVA **Type of entity:** Associations and Groups

Conselleria de Cultura Educación y Ciencia de la Generalitat Valenciana (GV-D-AG-011-153-96)

Start date: 01/1997 **Duration:** 3 years
Participating entity/entities: IATA-CSIC y U. de Valencia
Total amount: 47.761 €

23 Name of the project: Obtención de levaduras antagonistas de agentes de podredumbre en postcosecha

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos **Type of entity:** State agency

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

Nº of researchers: 2

Funding entity or bodies:

Dirección General de Enseñanza Superior del M.E.C. (HI1996-0085)

Start date: 01/1997 **Duration:** 1 year
Participating entity/entities: IATA-CSIC y Universita di Torino
Total amount: 1.562 €

24 Name of the project: Uso de enzimas y levaduras vínicas mejoradas genéticamente en la mejora de la calidad del vino

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos **Type of entity:** State agency

Name principal investigator (PI, Co-PI....): Dr. Daniel Ramón Vidal

Nº of researchers: 5

Funding entity or bodies:

CICYT (ALI93-0809)

Start date: 10/1993 **Duration:** 3 years
Participating entity/entities: IATA-CSIC

25 Name of the project: Aislamiento y caracterización de un gen de un hongo filamentoso que codifica para una endoglucanasa de interés en la industria cervecera

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos **Type of entity:** State agency

Name principal investigator (PI, Co-PI....): Dr. Daniel Ramón Vidal

Nº of researchers: 4

Funding entity or bodies:

CICYT (ALI90-0842)

Start date: 10/1992 **Duration:** 1 year
Participating entity/entities: IATA-CSIC



26 Name of the project: Biochemistry and Molecular Biology of polymeric defense barriers in Plants.

Entity where project took place: Ohio State Biotechnology Center

City of entity: Columbus, United States of America

Name principal investigator (PI, Co-PI....): Dr. Papachan E. Kolattukudy

Nº of researchers: 4

Funding entity or bodies:

EEUU (DCB-8819008)

National Science Foundation

Start date: 10/1990

Duration: 2 years

Participating entity/entities: Ohio State University

27 Name of the project: Desarrollo de nuevas cepas de levadura cervecera por manipulación genética y estudio de la cinética de fermentación y calidad de la cerveza.

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos

Name principal investigator (PI, Co-PI....): José Vicente Carbonell Talón

Nº of researchers: 6

Funding entity or bodies:

CICYT (ALI88-0168)

Start date: 01/1989

Duration: 3 years

Participating entity/entities: IATA-CSIC

28 Name of the project: Nuevas alternativa a la producción de celulasas

Entity where project took place: Instituto de Agroquímica y Tecnología de Alimentos

Name principal investigator (PI, Co-PI....): Agustí Flors Bonet

Nº of researchers: 5

Funding entity or bodies:

CAICYT (PBT/85-0010-C02-01)

Start date: 01/1986

Duration: 3 years

Participating entity/entities: IATA-CSIC

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

1 Name of the project: Estudio in vivo de la actividad de compuestos antifúngicos

Type of project: Research and development, including transfer

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

Name principal investigator (PI, Co-PI....): Luis González Candelas

Nº of researchers: 1

Funding entity or bodies:

Decco Worldwide Post-Harvest Holdings BV

Type of entity: Business

City funding entity: Holland

Start date: 18/04/2018

Duration: 17 days

Total amount: 1.800 €

2 Name of the project: Estudio in vivo de la actividad de compuestos antifúngicos

Type of project: Research and development, including transfer

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

Name principal investigator (PI, Co-PI....): Luis González Candelas



Nº of researchers: 1

Funding entity or bodies:

Decco Worldwide Post-Harvest Holdings BV

Type of entity: Business

City funding entity: Holland

Start date: 26/01/2018

Duration: 15 days

Total amount: 1.980 €

3 Name of the project: Estudio in vitro de la actividad de compuestos antifúngicos

Type of project: Research and development, including transfer

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

Nº of researchers: 1

Participating entity/entities: Instituto de Agroquímica y Tecnología de Alimentos

Funding entity or bodies:

Decco Worldwide Post-Harvest Holdings BV

Type of entity: Business

City funding entity: Holland

Start date: 28/07/2017

Duration: 1 year

Total amount: 9.450 €

4 Name of the project: Ensayo de eficacia de un producto comercial contra *Penicillium digitatum* en madarinas Clemenules

Type of project: Research and development, including transfer

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

Name principal investigator (PI, Co-PI....): Luis González Candelas

Nº of researchers: 1

Participating entity/entities: Instituto de Agroquímica y Tecnología de Alimentos

Funding entity or bodies:

SANICITRUS S.L.

Start date: 19/11/2015

Duration: 1 month - 12 days

Total amount: 779,8 €

5 Name of the project: Desarrollo de formulaciones para mejorar la incorporación de sorbato potásico en ceras de recubrimientos

Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services

Degree of contribution: Researcher

Name principal investigator (PI, Co-PI....): María Desamparados López Rubio; María José Fabra Rovira; Luis González Candelas

Nº of researchers: 3

Participating entity/entities: Instituto de Agroquímica y Tecnología de Alimentos

Funding entity or bodies:

SANICITRUS S.L.

Start date: 18/11/2015

Duration: 4 months

Total amount: 2.420 €

6 Name of the project: CONTRATO DE LICENCIA EXCLUSIVA DE KNOW HOW "Compuesto capaz de evitar el desarrollo de las podredumbres postcosecha"

Type of project: Research and development, including transfer

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

Name principal investigator (PI, Co-PI....): Luis González Candelas



Nº of researchers: 1

Funding entity or bodies:

SANICITRUS S.L.

Type of entity: Business

Start date: 17/11/2015

Duration: 1 year - 1 month

Total amount: 3.630 €

7 Name of the project: Determinación de residuos de un compuesto antifúngico en frutos cítricos

Type of project: Research and development, including transfer

Name principal investigator (PI, Co-PI....): Luis González Candelas

Nº of researchers: 1

Funding entity or bodies:

SANICITRUS S.L.

Type of entity: Business

Start date: 17/11/2015

Duration: 1 year - 1 month

Total amount: 3.630 €

8 Name of the project: Inoculación de frutos cítricos con *Penicillium digitatum*, *P. Italicum* y *Geotrichum*

Type of project: Research and development, including transfer

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

Name principal investigator (PI, Co-PI....): Luis González Candelas

Nº of researchers: 1

Participating entity/entities: Instituto de Agroquímica y Tecnología de Alimentos

Funding entity or bodies:

García Ballester S.L.

Type of entity: Business

Start date: 15/11/2015

Duration: 2 days

Total amount: 578,84 €

9 Name of the project: Identificación de cuatro hongos

Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services

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

Name principal investigator (PI, Co-PI....): Luis González Candelas

Nº of researchers: 1

Funding entity or bodies:

SANICITRUS S.L.

Type of entity: Business

Start date: 04/06/2015

Duration: 23 days

Total amount: 770,79 €

10 Name of the project: Optimización de tratamientos postcosecha

Type of project: Research and development, including transfer

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

Name principal investigator (PI, Co-PI....): Luis González Candelas

Nº of researchers: 1

Funding entity or bodies:

SANICITRUS S.L.

Type of entity: Business

Start date: 01/06/2015

Duration: 2 years

Total amount: 7.260 €



- 11 Name of the project:** Ensayo de eficacia de un producto comercial contra *Penicillium digitatum* en cítricos
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): Luis González Candelas
Nº of researchers: 1
Participating entity/entities: Instituto de Agroquímica y Tecnología de Alimentos
Funding entity or bodies:
SANICITRUS S.L. **Type of entity:** Business
Start date: 15/04/2015 **Duration:** 9 days
Total amount: 579,08 €
- 12 Name of the project:** Identificación de hongos filamentosos en una muestra
Type of project: Demonstration, pilot projects, conceptual formulations and design of processes and services
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): Luis González Candelas
Nº of researchers: 1
Participating entity/entities: Instituto de Agroquímica y Tecnología de Alimentos
Funding entity or bodies:
AMC Innova Juice and Drinks, S.L.
Start date: 02/03/2015 **Duration:** 14 days
Total amount: 157,73 €
- 13 Name of the project:** Determinación de la actividad fungicida de un compuesto frente a cinco hongos patógenos postcosecha de frutos cítricos. II
Degree of contribution: Scientific coordinator
Name principal investigator (PI, Co-PI....): Luis González Candelas
Nº of researchers: 1
Participating entity/entities: Instituto de Agroquímica y Tecnología de Alimentos
Funding entity or bodies:
ASESORAMIENTOS AGROINDUSTRIALES, S.L. **Type of entity:** Business
Start date: 22/04/2014 **Duration:** 1 month
Total amount: 270 €
- 14 Name of the project:** Determinación de la actividad fungicida de un compuesto frente a cinco hongos patógenos postcosecha de frutos cítricos
Degree of contribution: Scientific coordinator
Name principal investigator (PI, Co-PI....): Luis González Candelas
Nº of researchers: 1
Participating entity/entities: Instituto de Agroquímica y Tecnología de Alimentos
Funding entity or bodies:
ASESORAMIENTOS AGROINDUSTRIALES, S.L. **Type of entity:** Business
Start date: 03/02/2014 **Duration:** 1 month
Total amount: 302,5 €
- 15 Name of the project:** Estudio de la termorresistencia de un aislado de *Penicillium auriantogriseum*
Degree of contribution: Coordinator of total project, network or consortium
Name principal investigator (PI, Co-PI....): L. González-Candelas



Nº of researchers: 1

Participating entity/entities: Instituto de Agroquímica y Tecnología de Alimentos

Funding entity or bodies:

Delibreds Europe S. L.

Type of entity: Business

Start date: 01/05/2012

Duration: 1 month

Total amount: 500 €

16 Name of the project: Identificación de especies presentes en muestras de tortitas de trigo. Determinación de la capacidad de crecimiento del microorganismo aislado en presencia de propionato cálcico y sorbato potásico

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

Name principal investigator (PI, Co-PI....): Luis González Candelas

Nº of researchers: 1

Participating entity/entities: Instituto de Agroquímica y Tecnología de Alimentos

Funding entity or bodies:

Delibreds Europe S. L.

Type of entity: Business

Start date: 01/04/2012

Duration: 1 month

Total amount: 400 €

17 Name of the project: Biotecnología aplicada al control de patologías fúngicas en diversos cultivos de interés agronómico en la Comunidad Valenciana.

Degree of contribution: Contrato de Investigación

Name principal investigator (PI, Co-PI....): Luis González Candelas

Nº of researchers: 2

Participating entity/entities: IATA-CSIC

Funding entity or bodies:

BIOPOLIS S. L.

Start date: 01/10/2009

Duration: 3 months

Total amount: 17.400 €

18 Name of the project: Estudio de conservación y comercialización en fresco de nísperos de Callosa d'En Sarriá.

Degree of contribution: Contrato de Investigación

Name principal investigator (PI, Co-PI....): Luis González Candelas

Nº of researchers: 3

Participating entity/entities: IATA-CSIC

Funding entity or bodies:

Cooperativa agraria de Callosa d'En Sarriá Ruchey

Start date: 06/2000

Duration: 1 year

Total amount: 15.026 €

19 Name of the project: Escrutinio y selección de levaduras con actividad de biocontrol en la postcosecha de cítricos.

Degree of contribution: Subvención

Name principal investigator (PI, Co-PI....): Luis González Candelas

Nº of researchers: 2

Participating entity/entities: IATA-CSIC

Funding entity or bodies:

Consellería de Agricultura



Pesca y Alimentación. Generalitat Valenciana

Start date: 01/2000

Duration: 1 year

Total amount: 21.037 €

20 Name of the project: Estudio de conservación y comercialización en fresco de nísperos de Callosa d'En Sarriá.

Degree of contribution: Contrato de Investigación

Name principal investigator (PI, Co-PI...): Lorenzo ZacaríasGarcía

Nº of researchers: 3

Participating entity/entities: IATA-CSIC

Funding entity or bodies:

Cooperativa agraria de Callosa d'En Sarriá Ruchey

Start date: 04/1999

Duration: 1 year

Total amount: 15.026 €

Results

Industrial and intellectual property

Title registered industrial property: Antibioticos antifúngicos de naturaleza peptídica inhibidores de la germinación y el crecimiento de hongos fitopatógenos

Inventors/authors/obtainers: J. F. Marcos; B. López García; L. González-Candelas; E. Pérez-Payá

Nº of application: P2000-01923

Country of inscription: Spain

Date of register: 28/07/2000

Scientific and technological activities

Scientific production

1 H index: 32

Date of application: 28/11/2020

Fuente de Índice H: WOS

2 H index: 35

Date of application: 28/11/2020

Fuente de Índice H: GOOGLE SCHOLAR

3 H index: 34

Date of application: 28/11/2020

Fuente de Índice H: SCOPUS

Publications, scientific and technical documents

- 1** Ballester*, Ana-Rosa; Marcet-Houben*, Marina; Levin, Elena; Sela, Noa; Selma-Lázaro, Cristina; Carmona, Lourdes; Wisniewski, Michael; Droby, Samir; González-Candelas*, Luis; Gabaldón*, Toni. Genome, transcriptome, and functional analyses of *Penicillium expansum* provide new insights into secondary metabolism and pathogenicity. *Mol. Plant-Microbe Interact.* 28, pp. 232 - 248. 2015. Available on-line at: <<http://dx.doi.org/10.1094/MPMI-09-14-0261-FI>>.
- Type of production:** Scientific paper
Position of signature: 9
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
- Corresponding author:** Yes
Impact source: ISI
Impact index in year of publication: 4.145
Position of publication: 18
- Category:** Science Edition - PLANT SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 209
- Source of citations:** SCOPUS
Citations: 62
- Relevant publication:** Yes
- 2** M. López-Pérez; A. R. Ballester; L. González-Candelas*. Identification and functional analysis of *Penicillium digitatum* genes putatively involved in virulence towards citrus fruit. *Mol. Plant Pathol.* 16, pp. 262 - 275. 2015.
- Type of production:** Scientific paper
Corresponding author: Yes
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
- Impact source:** ISI
Impact index in year of publication: 4.335
Position of publication: 16
- Category:** Science Edition - PLANT SCIENCES
Journal in the top 25%: Yes
No. of journals in the cat.: 209
- Source of citations:** SCOPUS
Citations: 20
- Relevant publication:** Yes
- 3** A. R. Ballester; M. T. Lafuente; R. C. H. de Vos; A. G. Bovy; L. González-Candelas*. Citrus phenylpropanoids and defence against pathogens. Part I: Metabolic profiling in elicited fruits. *Food Chem.* 136, pp. 178 - 185. 2013.
- Type of production:** Scientific paper
Corresponding author: Yes
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
- Impact source:** ISI
Impact index in year of publication: 3.259
Position of publication: 10
- Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY
Journal in the top 25%: Yes
No. of journals in the cat.: 122
- Source of citations:** SCOPUS
Citations: 39
- Relevant publication:** Yes
- 4** Ana-Rosa Ballester; Luis González-Candelas. EFE-Mediated Ethylene Synthesis Is the Major Pathway in the Citrus Postharvest Pathogen *Penicillium digitatum* during Fruit Infection. *Journal of Fungi.* 6 - 3, pp. 175 - 175. 09/2020. Available on-line at: <<https://www.mdpi.com/2309-608X/6/3/175>>.
- Type of production:** Scientific paper
Corresponding author: Yes
- Format:** Journal
Degree of contribution: Author or co-author of article in journal with external admissions assessment committee
- 5** Silvia Valente; Agnese Cometto; Edoardo Piombo; Giovanna Roberta Meloni; Ana-Rosa Ballester; Luis González-Candelas; Davide Spadaro. Elaborated regulation of griseofulvin biosynthesis in *{Penicillium} griseofulvum* and its role on conidiation and virulence. *International Journal of Food Microbiology.* 328, pp. 108687

- 108687. 09/2020. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0168160520301811>>. ISSN 0168-1605

Type of production: Scientific paper

Format: Journal

6

Juan C. Díaz Ricci; Luis González-Candelas; Dov B. Prusky; Claudio Moser; Elena Baraldi. Editorial: Interplay Between Fungal Pathogens and Fruit Ripening. *Frontiers in Plant Science*. 11, pp. 275 - 275. 2020. Available on-line at: <https://www.frontiersin.org/articles/10.3389/fpls.2020.00275/full?utm_source=Email_to_authors_&utm_medium=Email&utm_content=T1_11.5e1_author&utm_campaign=Email_publication>. ISSN 1664-462X

Type of production: Scientific paper

Format: Journal

7

María T. Lafuente; Ana-Rosa Ballester; Luis González-Candelas. Involvement of abscisic acid in the resistance of citrus fruit to *Penicillium digitatum* infection. *Postharvest Biology and Technology*. 154, pp. 31 - 40. 08/2019. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0925521419300857>>. ISSN 0925-5214

Type of production: Scientific paper

Format: Journal

8

Josué Delgado; Ana-Rosa Ballester; Félix Núñez; Luis González-Candelas. Evaluation of the activity of the antifungal PgAFP protein and its producer mould against *Penicillium* spp postharvest pathogens of citrus and pome fruits. *Food Microbiology*. 84, pp. 103266 - 103266. 07/2019. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0740002018310712>>. ISSN 0740-0020

Type of production: Scientific paper

Format: Journal

9

Ana-Rosa Ballester; Mario López-Pérez; Beatriz de la Fuente; Luis González-Candelas. Functional and pharmacological analyses of the role of *Penicillium digitatum* proteases on virulence. *Microorganisms*. 7 - 7, pp. 198 - 198. 2019. Available on-line at: <<https://www.mdpi.com/2076-2607/7/7/198>>. ISSN 2076-2607

Type of production: Scientific paper

Format: Journal

10

Isaac Benito-González; Amparo López-Rubio; Antonio Martínez-Abad; Ana-Rosa Ballester; Irene Falcó; Luis González-Candelas; Gloria Sánchez; Jesús Lozano-Sánchez; Isabel Borrás-Linares; Antonio Segura-Carretero; Marta Martínez-Sanz. In-depth characterization of bioactive extracts from *Posidonia oceanica* waste biomass. *Marine Drugs*. 17 - 7, pp. 409 - 409. 2019. Available on-line at: <<https://www.mdpi.com/1660-3397/17/7/409>>. ISSN 1660-3397

Type of production: Scientific paper

Format: Journal

11

Marta de Ramón-Carbonell; Mario López-Pérez; Luis González-Candelas; Paloma Sánchez-Torres. PdMFS1 transporter contributes to *Penicillium digitatum* fungicide resistance and fungal virulence during citrus fruit infection. *Journal of Fungi*. 5 - 4, pp. 100 - 100. 2019. Available on-line at: <<https://www.mdpi.com/2309-608X/5/4/100>>. ISSN 2309-608X

Type of production: Scientific paper

Format: Journal

12

Laura Vilanova; Mario López-Pérez; Ana-Rosa Ballester; Neus Teixidó; Josep Usall; Isabel Lara; Inmaculada Viñas; Rosario Torres; Luis González-Candelas. Differential contribution of the two major polygalacturonases from *Penicillium digitatum* to virulence towards citrus fruit. *International Journal of Food Microbiology*. 282, pp. 16 - 23. 2018. Available on-line at: <<https://www.sciencedirect.com/science/article/pii/S0168160518302964>>. ISSN 0168-1605

Type of production: Scientific paper

Format: Journal

13

Donato Gerin; Luis González-Candelas; Ana-Rosa Ballester; Stefania Pollastro; Rita De Miccolis Angelini; Francesco Faretra. Functional Characterization of the alb1 Orthologue Gene in the Ochratoxigenic Fungus *Aspergillus carbonarius* (AC49 strain). *Toxins*. 10 - 3, pp. 120 - 120. 2018. Available on-line at: <<http://www.mdpi.com/2072-6651/10/3/120>>. ISSN 2072-6651

Type of production: Scientific paper

Format: Journal

- 14** Paloma Sánchez-Torres; Laura Vilanova; Ana Rosa Ballester; Mario López-Pérez; Neus Teixidó; Inmaculada Viñas; Josep Usall; Luis González-Candelas; Rosario Torres. Unravelling the contribution of the *Penicillium expansum* PeSte12 transcription factor to virulence during apple fruit infection. *Food Microbiology*. 69, pp. 123 - 135. 2018. Available on-line at: <<http://www.sciencedirect.com/science/article/pii/S0740002017301491>>. ISSN 0740-0020
Type of production: Scientific paper **Format:** Journal
- 15** Ana-Rosa Ballester; John Norelli; Erik Burchard; Ahmed Abdelfattah; Elena Levin; Luis González-Candelas; Samir Droby; Michael Wisniewski. Transcriptomic Response of Resistant (PI613981–*Malus sieversii*) and Susceptible (“Royal Gala”) Genotypes of Apple to Blue Mold (*Penicillium expansum*) Infection. *Frontiers in Plant Science*. 8, pp. 1981 - 1981. 11/2017. Available on-line at: <<https://www.frontiersin.org/article/10.3389/fpls.2017.01981>>. ISSN 1664-462X
Type of production: Scientific paper **Format:** Journal
- 16** María T. Lafuente; Beatriz Establés-Ortíz; Luis González-Candelas. Insights into the Molecular Events That Regulate Heat-Induced Chilling Tolerance in Citrus Fruits. *Frontiers in Plant Science*. 8, pp. 1113 - 1113. 06/2017. Available on-line at: <<http://journal.frontiersin.org/article/10.3389/fpls.2017.01113>>. ISSN 1664-462X
Type of production: Scientific paper **Format:** Journal
- 17** Elena Levin; Ana Rosa Ballester Frutos; Ginat Raphael; Oleg Feigenberg; Yongsheng Liu; John Norelli; Luis González Candelas; Jing Ma; Christopher Dardick; Michael Wisniewski; Samir Droby. Identification and characterization of LysM effectors in *Penicillium expansum*. *PLOS One*. 12, pp. e0186023. 2017.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
Impact source: ISI **Category:** Science Edition - MULTIDISCIPLINARY SCIENCES
Impact index in year of publication: 2.766 **Journal in the top 25%:** Yes
Position of publication: 15 **No. of journals in the cat.:** 64
Source of citations: SCOPUS **Citations:** 2
- 18** Ana Crespo Sempere; Cristina Selma Lázaro; Jeff D. Palumbo; Luis González Candelas; Pedro Vicente Martínez Culebras. Effect of oxidant stressors and phenolic antioxidants on the ochratoxigenic fungus *Aspergillus carbonarius*. *J. Sci. Food Agric.* 96, pp. 169 - 177. 2016.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
Impact source: ISI **Category:** Effect of oxidant stressors and phenolic antioxidants on the ochratoxigenic fungus *Aspergillus carbonarius*
Impact index in year of publication: 2.463 **Journal in the top 25%:** Yes
Position of publication: 4 **No. of journals in the cat.:** 56
Source of citations: SCOPUS **Citations:** 2
- 19** Houda Banani; Marina Marcet-Houben; Ana Rosa Ballester Frutos; Paola Abbruscato; Luis González-Candelas*; Toni Gabaldón*; Davide Spadaro*. Genome sequencing and secondary metabolism of the postharvest pathogen *Penicillium griseofulvum*. *BMC Genomics*. 17, pp. 19. 2016.
Type of production: Scientific paper **Format:** Journal
Corresponding author: Yes
Impact source: ISI **Category:** BIOTECHNOLOGY & APPLIED MICROBIOLOGY
Impact index in year of publication: 3.729 **Journal in the top 25%:** Yes
Position of publication: 33 **No. of journals in the cat.:** 158

**Source of citations:** SCOPUS**Citations:** 18

- 20** Beatriz Establés Ortiz; Francisco Romero Gascón; Ana Rosa Ballester Frutos; Luis González Candelas; María Teresa Lafuente Rodríguez. Inhibiting ethylene perception with 1-methylcyclopropene triggers molecular responses aimed to cope with cell toxicity and increased respiration in citrus fruits. *Plant Physiol. Biochem.*103, pp. 154 - 166. 2016.

Type of production: Scientific paper**Corresponding author:** No**Impact source:** ISI**Impact index in year of publication:** 2.724**Position of publication:** 49**Source of citations:** SCOPUS**Category:** PLANT SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 211**Citations:** 9

- 21** A. Crespo-Sempere; P. V. Martinez-Culebras; L. Gonzalez-Candelas*. The loss of the inducible *Aspergillus carbonarius* MFS transporter *MfsA* leads to ochratoxin A overproduction. *Int J. Food Microbiol.*181, pp. 1 - 9. 2014.

Type of production: Scientific paper**Corresponding author:** Yes**Impact source:** ISI**Impact index in year of publication:** 3.082**Position of publication:** 12**Source of citations:** SCOPUS**Format:** Journal**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 123**Citations:** 5

- 22** A. Crespo-Sempere; C. Selma-Lázaro; P. V. Martínez-Culebras; L. González-Candelas*. Characterization and disruption of the *cipC* gene in the ochratoxigenic fungus *Aspergillus carbonarius*. *Food Res. Int.*54, pp. 697 - 705. 2013.

Type of production: Scientific paper**Corresponding author:** Yes**Impact source:** ISI**Impact index in year of publication:** 3.005**Position of publication:** 14**Source of citations:** SCOPUS**Format:** Journal**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 123**Citations:** 13

- 23** A. R. Ballester; M. T. Lafuente; L. González-Candelas*. Citrus phenylpropanoids and defence against pathogens. Part II: Gene expression and metabolite accumulation in the response of fruits to *Penicillium digitatum* infection. *Food Chem.* 136, pp. 285 - 291. 2013.

Type of production: Scientific paper**Corresponding author:** Yes**Impact source:** ISI**Impact index in year of publication:** 3.259**Position of publication:** 10**Source of citations:** SCOPUS**Format:** Journal**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 122**Citations:** 26



- 24** T. Zhang; X. Sun; Q. Xu; L. González-Candelas; H. Li*. The pH signaling transcription factor PacC is required for full virulence in *Penicillium digitatum*. *Appl. Microbiol. Biotechnol.* 97, pp. 9087 - 9098. 2013.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
Impact source: ISI **Category:** Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY
Impact index in year of publication: 3.811 **Journal in the top 25%:** Yes
Position of publication: 32 **No. of journals in the cat.:** 165
Source of citations: SCOPUS **Citations:** 35
- 25** L. Vilanova; R. Torres; I. Viñas; L. González-Candelas; J. Usall; S. Fiori; C. Solsona; N. Teixidó*. Wound response in orange as a resistance mechanism against *Penicillium digitatum* (pathogen) and *P. expansum* (non-host pathogen). *Postharvest Biol. Technol.* 136, pp. 285 - 291. 2013.
Type of production: Scientific paper **Format:** Journal
Corresponding author: No
Impact source: ISI **Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY
Impact index in year of publication: 2.628 **Journal in the top 25%:** Yes
Position of publication: 20 **No. of journals in the cat.:** 123
Source of citations: SCOPUS **Citations:** 22
- 26** M. Marcet-Houben†; A. R. Ballester†; B. de la Fuente; E. Harries; J. F. Marcos; L. González-Candelas*; Toni Gabaldón*. Genome sequence of the necrotrophic fungus *Penicillium digitatum*, the main postharvest pathogen of citrus. *BMC Genomics*. 13 - 1, pp. 646 - sin pagina. 2012.
Type of production: Scientific paper **Format:** Journal
Position of signature: 7
Impact source: ISI **Category:** Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY
Impact index in year of publication: 4.397 **Journal in the top 25%:** Yes
Position of publication: 21 **No. of journals in the cat.:** 159
Source of citations: WOS **Citations:** 18
- 27** P. Romero; M. J. Rodrigo; F. Alférez; A. R. Ballester; L. González-Candelas; L. Zacarías; M. T. Lafuente*. Unravelling molecular responses to moderate dehydration in harvested fruit of sweet orange (*Citrus sinensis* L. Osbeck) using a fruit-specific ABA-deficient mutant. *J. Exp. Bot.* 63, pp. 2753 - 2767. 2012.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Science Edition - PLANT SCIENCES
Impact index in year of publication: 5.242 **Journal in the top 25%:** Yes
Position of publication: 11 **No. of journals in the cat.:** 195
Source of citations: WOS **Citations:** 6
- 28** G. Buron-Moles; M. López-Pérez; L. González-Candelas; I. Viñas; N. Teixidó; J. Usall; R. Torres*. Use of GFP? tagged strains of *Penicillium digitatum* and *P. expansum* to study host?pathogen interactions in oranges and apples. *Intnal. J. Food Microbiol.* 160 - 2, pp. 162 - 170. 2012.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY
Impact index in year of publication: 3.425 **Journal in the top 25%:** Yes



Position of publication: 11

No. of journals in the cat.: 123

Source of citations: SCOPUS

Citations: 2

- 29** A. Muñoz*; B. López-García; A. Veyrat; L. González-Candelas; J. F. Marcos. Comparative analysis of the sensitivity to distinct antimicrobials among *Penicillium* spp. causing fruit postharvest decay. *Phytophthol. Mediterr.*50, pp. 392 - 407. 2011.

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - AGRONOMY

Impact index in year of publication: 1.367

Journal in the top 25%: No

Position of publication: 31

No. of journals in the cat.: 80

Source of citations: WOS

Citations: 1

- 30** A. Crespo-Sempere; M. López-Pérez; P.V. Martínez-Culebras; L. González-Candelas*. Development of a green fluorescent tagged strain of *Aspergillus carbonarius* to monitor fungal colonization in grapes. *Intnal. J. Food Microbiol.*148, pp. 135 - 140. 2011.

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - FOOD SCIENCE & TECHNOLOGY

Impact index in year of publication: 3.327

Journal in the top 25%: Yes

Position of publication: 9

No. of journals in the cat.: 128

Source of citations: WOS

Citations: 10

- 31** M. T. Lafuente*; A. R. Ballester; J. Calejero; L. González-Candelas. Effect of high temperature-conditioning treatments on quality, flavonoid composition and vitamin C of cold stored 'Fortune' mandarins. *Food Chemistry.* 128, pp. 1080 - 1086. 2011.

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - FOOD SCIENCE & TECHNOLOGY

Impact index in year of publication: 3.655

Journal in the top 25%: Yes

Position of publication: 6

No. of journals in the cat.: 128

Source of citations: WOS

Citations: 12

- 32** A. R. Ballester; M. T. Lafuente; J. Forment; J. Gadea-Vacas; R. C. H. de Vos; A. G. Bovy; L. González-Candelas*. Transcriptomic profiling of citrus fruit peel tissues reveals fundamental effects of phenylpropanoids and ethylene on induced resistance against *Penicillium digitatum*. *Mol. Plant Pathol.*12, pp. 879 - 897 páginas. 2011.

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - PLANT SCIENCES

Impact index in year of publication: 3.899

Journal in the top 25%: Yes

Position of publication: 20

No. of journals in the cat.: 189

Source of citations: WOS

Citations: 15

- 33** L. González-Candelas*; S. Alamar; P. Sánchez-Torres; L. Zacarías; J. F. Marcos. A transcriptomic approach highlights induction of secondary metabolism in citrus fruit in response to *Penicillium digitatum* infection. *BMC Plant Biology.* 10, pp. 194 - páginas 17. 2010.

Type of production: Scientific paper

Format: Journal

Impact source: ISI

Category: Science Edition - PLANT SCIENCES

Impact index in year of publication: 4.085

Journal in the top 25%: Yes



Position of publication: 17

Source of citations: WOS

No. of journals in the cat.: 187

Citations: 20

- 34** A. R. Ballester; M. T. Lafuente; L. González-Candelas*. Biochemical and molecular characterization of induced resistance against *Penicillium digitatum* in citrus fruit. *Postharvest Biol. Technol.* 56, pp. 31 - 38. 2010.

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 2.256

Position of publication: 23

Source of citations: WOS

Format: Journal

Category: Science Edition - FOOD SCIENCE & TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 125

Citations: 30

- 35** S. M. Sanzani*; L. Schena; A. De Girolamo; A. Ippolito*; L. González-Candelas. Characterization of genes associated to induced resistance against *Penicillium expansum* in apple fruit treated with quercetin. *Postharvest Biol. Technol.* 56, pp. 1 - 11. 2010.

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 2.256

Position of publication: 23

Source of citations: SCOPUS

Format: Journal

Category: Science Edition - FOOD SCIENCE & TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 125

Citations: 13

- 36** J. F. Cajuste; L. González-Candelas; A. Veyrat; F. J. García-Bejío; J. Reig-Armiñana; M. T. Lafuente*. Epicuticular wax content and morphology as related to ethylene and storage performance of 'Navelate' orange fruit. *Postharvest Biol. Technol.* 55, pp. 29 - 35. 2010.

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 2.256

Position of publication: 23

Source of citations: WOS

Format: Journal

Category: Science Edition - FOOD SCIENCE & TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 125

Citations: 19

- 37** A. Crespo-Sempere; L. González-Candelas; P.V. Martínez-Culebras*. Genes differentially expressed by *Aspergillus carbonarius* strains under ochratoxin A producing conditions. *Intnl. J. Food Microbiol.* 142, pp. 170 - 179. 2010.

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 3.143

Position of publication: 7

Source of citations: WOS

Format: Journal

Category: Science Edition - FOOD SCIENCE & TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 125

Citations: 6

- 38** A. R. Ballester; M. T. Lafuente; L. González-Candelas*. Spatial study of the antioxidant enzymes, peroxidase and phenylalanine ammonia-lyase in the citrus fruit-*Penicillium digitatum* interaction. *Postharvest Biol. Technol.* 39, pp. 115 - 124. 2006.

Type of production: Scientific paper

Impact source: ISI

Format: Journal

Impact index in year of publication: 1.892**Position of publication:** 17**Source of citations:** WOS**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 96**Citations:** 42

- 39** J. Forment; J. Gadea; L. Huerta; L. Abizanda; J. Agusti; S. Alamar; E. Alos; F. Andres; A. Berbel; M. A. Blazquez; J. Brumos; M. Cercos; J. M. Colmenero-Flores; A. Conesa; B. Estables; M. Gandia; J. L. Garcia-Martinez; J. Gimeno; A. Gisbert; G. Gomez; L. González-Candelas; A. Granell; J. Guerri; M. T. Lafuente; F. Madueño; J. F. Marcos; F. Martinez; M. A. Martinez-Godoy; S. Miralles; P. Moreno; L. Navarro; V. Pallas; M. A. Perez-Amador; J. Perez-Valle; C. Pons; I. Rodrigo; P. Rodriguez; C. Royo; R. Serrano; G. Soler; F. Tadeo; M. Talon; J. Terol; M. Trenor; L. Vaello; O. Vicente; Ch. Vidal; L. Zacarias; V. Conejero*. Development of a citrus genome-wide EST collection and cDNA microarray as resources for genomic studies. *Plant Mol. Biol.*57, pp. 275 - 291. 2005.

Type of production: Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - PLANT SCIENCES**Impact index in year of publication:** 3.328**Journal in the top 25%:** Yes**Position of publication:** 14**No. of journals in the cat.:** 144**Source of citations:** WOS**Citations:** 92

- 40** J. F. Marcos*; L. González-Candelas; L. Zacarias. Involvement of ethylene biosynthesis and perception in the susceptibility of citrus fruits to *Penicillium digitatum* infection and the accumulation of defense-related mRNAs. *J. Exp. Bot.*56, pp. 2183 - 2193. 2005.

Type of production: Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - PLANT SCIENCES**Impact index in year of publication:** 3.336**Journal in the top 25%:** Yes**Position of publication:** 13**No. of journals in the cat.:** 144**Source of citations:** WOS**Citations:** 35

- 41** J.V. Gil; P. Manzanares; S. Genovés; S. Vallés; L. González-Candelas*. Over-production of the major exoglucanase of *Saccharomyces cerevisiae* leads to an increase in the aroma of wine. *Intnal. J. Food Microbiol.*103, pp. 57 - 68. 2005.

Type of production: Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Impact index in year of publication:** 2.499**Journal in the top 25%:** Yes**Position of publication:** 4**No. of journals in the cat.:** 93**Source of citations:** WOS**Citations:** 22

- 42** A. Veyrat; A. Izquierdo; B. López-García; J. F. Marcos; L. González-Candelas*. Biocontrol de la podredumbre verde de cítricos mediante nuevos aislados de levaduras, solos o en combinación con pequeños péptidos antimicrobianos. *Boletín de la Sociedad Española de Fitopatología.* 48, SEF, 2004.

Type of production: Scientific paper**Format:** Scientific and technical document or report

- 43** B. López-García; A. Veyrat; E. Pérez-Payá; L. González-Candelas; J. F. Marcos*. Comparison of the activity of antifungal hexapeptides and the fungicides thiabendazole and imazalil against postharvest fungal pathogens. *Intnal. J. Food Microbiol.*89, pp. 163 - 170. 2003.

Type of production: Scientific paper**Format:** Journal**Impact source:** ISI

Impact index in year of publication: 2.261**Position of publication:** 2**Source of citations:** WOS**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 94**Citations:** 36

- 44** P. Sánchez-Torres; L. González-Candelas*. Isolation and characterization of genes differentially expressed during the interaction between apple fruit and *Penicillium expansum*. *Mol. Plant Pathol.*4, pp. 447 - 457. 2003.

Type of production: Scientific paper**Impact source:** ISI**Impact index in year of publication:** 2.838**Position of publication:** 17**Source of citations:** WOS**Format:** Journal**Category:** Science Edition - PLANT SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 138**Citations:** 19

- 45** M. Schirra*; G. Delogu; P. Cabras; A. Angioni; G. D'hallewin; A. Veyrat; J. F. Marcos; L. González-Candelas. Complexation of imazalil with β -cyclodextrin, residue uptake, persistence, and activity against *Penicillium* decay in citrus fruit following postharvest dip treatments. *J. Agric. Food Chem.*50, pp. 6790 - 6797. 2002.

Type of production: Scientific paper**Impact source:** ISI**Impact index in year of publication:** 1.915**Position of publication:** 4**Source of citations:** WOS**Format:** Journal**Category:** Science Edition - FOOD SCIENCE & TECHNOLOGY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 94**Citations:** 17

- 46** B. López-García; L. González-Candelas; E. Pérez-Payá; J. F. Marcos*. Identification and characterization of an hexapeptide with activity against phytopathogenic fungi that cause postharvest decay in fruits. *Mol. Plant-Microbe Interact.*13, pp. 837 - 846. 2000.

Type of production: Scientific paper**Impact source:** ISI**Impact index in year of publication:** 3.448**Position of publication:** 10**Source of citations:** WOS**Format:** Journal**Category:** Science Edition - PLANT SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 137**Citations:** 47

- 47** L. M. Rogers; Y.-K. Kim; W. Guo; L. González-Candelas; D. Li; P. E. Kolattukudy*. Requirement for either a host- or pectin-induced pectate lyase for infection of *Pisum sativum* by *Nectria haematococca*. *Proc. Natl. Acad. Sci. USA.* 97, pp. 9813 - 9818. 2000.

Type of production: Scientific paper**Impact source:** ISI**Impact index in year of publication:** 10.789**Position of publication:** 3**Source of citations:** WOS**Format:** Journal**Category:** Science Edition - MULTIDISCIPLINARY SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 49**Citations:** 71

- 48** L. González-Candelas; J. V. Gil; R. M. Lamuela-Raventós; D. Ramón*. The use of transgenic yeasts expressing a gene encoding a glycosyl-hydrolase as a tool to increase resveratrol content in wine. *Int. J. Food Microbiol.*59, pp. 179 - 183. 2000.

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



Impact source: ISI

Impact index in year of publication: 1.848

Position of publication: 5

Source of citations: WOS

Category: Science Edition - FOOD SCIENCE & TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 95

Citations: 40

- 49** M. Gielkens*; L. González-Candelas*; P. Sánchez-Torres; P. van den Vondervoort; L. de Graaff; J. Visser; D. Ramón.. The abfB gene encoding the major ?-L-arabinofuranosidase of *Aspergillus nidulans*: nucleotide sequence, regulation and construction of a disrupted strain. *Microbiology*.145, pp. 735 - 741. 1999.

Type of production: Scientific paper

Position of signature: 1

Impact source: ISI

Impact index in year of publication: 2.700

Position of publication: 18

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Category: Science Edition - MICROBIOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 79

Citations: 45

- 50** P. Sánchez-Torres; L. González-Candelas; D. Ramón*. Construction of *Aspergillus nidulans* strains producing enzymes of potential use in enology. *Biotechnol. Lett.*20, pp. 33 - 35. 1998.

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 0.864

Position of publication: 66

Source of citations: WOS

Format: Journal

Category: Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 123

Citations: 2

- 51** P. Sánchez-Torres; L. González-Candelas; D. Ramón*.. Heterologous expression of a *Candida molischiana* anthocyanin- β -glucosidase in a wine yeast strain. *J. Agric. Food Chem.*46, pp. 354 - 360. 1998.

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 1.434

Position of publication: 11

Source of citations: WOS

Format: Journal

Category: Science Edition - FOOD SCIENCE & TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 90

Citations: 38

- 52** M. Dabauza*; L. González-Candelas; M. Bordas; L. A. Roig; D. Ramón; V. Moreno.. Regeneration and characterization of *Cucumis melo* L. (+) *Cucumis anguria* var *longipes* (Hook fil.) Meeuse somatic hybrids. *Plant Cell Tiss. Organ Cult.*52, pp. 123 - 131. 1998.

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 0.495

Position of publication: 99

Source of citations: WOS

Format: Journal

Category: Science Edition - PLANT SCIENCES

Journal in the top 25%: No

No. of journals in the cat.: 142

Citations: 5

- 53** M. Bordas*; L. González-Candelas; M. Dabauza; D. Ramón; V. Moreno.. Somatic hybridization between an albino *Cucumis melo* L. mutant and *Cucumis myriocarpus* Naud. *Plant Sci.*132, pp. 179 - 190. 1998.

Type of production: Scientific paper

Format: Journal



Impact source: ISI

Impact index in year of publication: 1.155

Position of publication: 47

Source of citations: WOS

Category: Science Edition - PLANT SCIENCES

Journal in the top 25%: No

No. of journals in the cat.: 142

Citations: 7

- 54** Q. Migheli*; L. González-Candelas*; L. Dalessi; A. Camponogara; D. Ramón.. Transformants of *Trichoderma longibrachiatum* overexpressing the β -1,4-endoglucanase gene *egl1* show enhanced biocontrol of *Pythium ultimum* on cucumber. *Phytopathology*. 88, pp. 673 - 677. 1998.

Type of production: Scientific paper

Position of signature: 1

Impact source: ISI

Impact index in year of publication: 2.390

Position of publication: 14

Source of citations: WOS

Format: Journal

Degree of contribution: Author or co-author of article in journal with external admissions assessment committee

Category: Science Edition - PLANT SCIENCES

Journal in the top 25%: Yes

No. of journals in the cat.: 142

Citations: 38

- 55** A. Ganga; L. González-Candelas; D. Ramón; J. A. Pérez-González*.. Glucose-tolerant expression of *Trichoderma longibrachiatum* endoglucanase I, an enzyme suitable for use in wine production. *J. Agric. Food Chem.* 45, pp. 2359 - 2362. 1997.

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 1.502

Position of publication: 5

Source of citations: WOS

Format: Journal

Category: Science Edition - FOOD SCIENCE & TECHNOLOGY

Journal in the top 25%: Yes

No. of journals in the cat.: 87

Citations: 6

- 56** P. Sánchez-Torres; L. González-Candelas; D. Ramón*.. Expression in a wine yeast strain of the *Aspergillus niger* *abfB* gene. *FEMS Microbiol Lett.* 145, pp. 189 - 194. 1996.

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 1.735

Position of publication: 29

Source of citations: WOS

Format: Journal

Category: Science Edition - MICROBIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 65

Citations: 33

- 57** W. Guo; L. González-Candelas; P. E. Kolattukudy*.. Identification of a novel *pelD* gene expressed uniquely in planta by *Fusarium solani* f. sp. *pisi* (*Nectria haematococca*, mating type VI) and characterization of its protein product as an endo-pectate lyase. *Arch. Biochem Biophys.* 332, pp. 305 - 312. 1996.

Type of production: Scientific paper

Impact source: ISI

Impact index in year of publication: 2.844

Position of publication: 69

Source of citations: WOS

Format: Journal

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Journal in the top 25%: No

No. of journals in the cat.: 227

Citations: 36

- 58** D. Ramón*; L. González-Candelas. J. A. Pérez- González; R. González; L. Ventura; P. Sánchez-Torres; S. Vallés; F. Piñaga; M. V. Gallego; M. T. Fernández-Espinar; A. Querol. Aplicaciones de la Biología Molecular en Enología. *Microbiología SEM*. 11, pp. 67 - 74. 1995.

Type of production: Scientific paper
Source of citations: WOS

Format: Journal
Citations: 1

- 59** W. Guo; L. González-Candelas; P. E. Kolattukudy*.. Cloning of a new pectate lyase gene pelC from *Fusarium solani* f. sp. pisi (*Nectria haematococca*, mating type VI) and characterization of the gene product expressed in *Pichia pastoris*. *Arch. Biochem. Biophys.* 323, pp. 352 - 360. 1995.

Type of production: Scientific paper
Impact source: ISI

Format: Journal

Category: Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

Impact index in year of publication: 2.767
Position of publication: 77

Journal in the top 25%: No

No. of journals in the cat.: 217

Source of citations: WOS

Citations: 24

- 60** W. Guo; L. González-Candelas; P. E. Kolattukudy*.. Cloning of a novel constitutively expressed pectate lyase gene pelB from *Fusarium solani* f. sp. pisi (*Nectria haematococca*, mating type VI) and characterization of the gene product expressed in *Pichia pastoris*. *J. Bacteriol.* 177, pp. 7070 - 7077. 1995.

Type of production: Scientific paper
Impact source: ISI

Format: Journal

Category: Science Edition - MICROBIOLOGY

Impact index in year of publication: 3.903
Position of publication: 9

Journal in the top 25%: Yes

No. of journals in the cat.: 64

Source of citations: WOS

Citations: 44

- 61** L. González-Candelas; A. Cortell; D. Ramón*.. Construction of a recombinant wine yeast strain expressing a fungal pectate lyase gene. *FEMS Microbiol. Lett.* 126, pp. 263 - 269. 1995.

Type of production: Scientific paper
Impact source: ISI

Format: Journal

Category: Science Edition - MICROBIOLOGY

Impact index in year of publication: 1.488
Position of publication: 32

Journal in the top 25%: No

No. of journals in the cat.: 64

Source of citations: WOS

Citations: 36

- 62** L. Ventura; L. González-Candelas; J. A. Pérez-González; D. Ramón*.. Molecular cloning and transcriptional analysis of the *Aspergillus terreus* gla1 gene encoding a glucoamylase. *Appl. Environ. Microbiol.* 61, pp. 399 - 402. 1995.

Type of production: Scientific paper
Impact source: ISI

Format: Journal

Category: Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Impact index in year of publication: 3.211
Position of publication: 8

Journal in the top 25%: Yes

No. of journals in the cat.: 65

Source of citations: WOS

Citations: 14

- 63** P. Sánchez-Torres; R. González; J.A. Pérez-González; L. González-Candelas; D. Ramón*.. Development of a transformation system for *Trichoderma longibrachiatum* and its application to construct multicopy transformants for the egl1 gene. *Appl. Microbiol. Biotechnol.* 41, pp. 440 - 446. 1994.

Type of production: Scientific paper
Impact source: ISI

Format: Journal

Category: Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY

Impact index in year of publication: 1.488

Journal in the top 25%: No



Position of publication: 20

No. of journals in the cat.: 60

Source of citations: WOS

Citations: 16

- 64** R. González; J. A. Pérez-González; L. González-Candelas; D. Ramón*. Transcriptional regulation of the *Trichoderma longibrachiatum* *egl1* gene. *FEMS Microbiol. Lett.* 122, pp. 303 - 308. 1994.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Science Edition - MICROBIOLOGY
Impact index in year of publication: 1.597 **Journal in the top 25%:** No
Position of publication: 31 **No. of journals in the cat.:** 61
Source of citations: WOS **Citations:** 8
- 65** L. González-Candelas; P. E. Kolattukudy*. Isolation and analysis of a novel inducible pectate lyase gene from the phytopathogenic fungus *Fusarium solani* f. sp. *pisi* (*Nectria haematococca*, mating population VI). *J. Bacteriol.* 174, pp. 6343 - 6349. 1992.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Science Edition - MICROBIOLOGY
Impact index in year of publication: 3.702 **Journal in the top 25%:** Yes
Position of publication: 6 **No. of journals in the cat.:** 60
Source of citations: WOS **Citations:** 55
- 66** L. González-Candelas; D. Ramón; J. Polaina*. Expression of an endoglucanase gene from *Clostridium cellulolyticum* in *Escherichia coli*. *Gene* 95, pp. 31 - 38. 1990.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Science Edition - GENETICS & HEREDITY
Impact index in year of publication: 3.172 **Journal in the top 25%:** Yes
Position of publication: 12 **No. of journals in the cat.:** 65
Source of citations: WOS **Citations:** 53
- 67** L. González-Candelas; M. C. Aristoy; J. Polaina*; A. Flors.. Sequences and homology analysis of two genes encoding β -glucosidases from *Bacillus polymyxa*. *Appl. Environ. Microbiol.* 55, pp. 3173 - 3177. 1989.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Science Edition - MICROBIOLOGY
Impact index in year of publication: 2.431 **Journal in the top 25%:** Yes
Position of publication: 11 **No. of journals in the cat.:** 67
Source of citations: WOS **Citations:** 34
- 68** G. Pérez-Martínez; L. González-Candelas; J. Polaina*; A. Flors.. Cloning and characterization of two genes from *Bacillus polymyxa* expressing β -glucosidase activity in *Escherichia coli*. *J. Ind. Microbiol.* 3, pp. 365 - 371. 1988.
Type of production: Scientific paper **Format:** Journal
Impact source: ISI **Category:** Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY
Impact index in year of publication: 0.800 **Journal in the top 25%:** No
Position of publication: 18 **No. of journals in the cat.:** 30
Source of citations: WOS **Citations:** 20



- 69** A.-R. Ballester; L. González-Candelas. Laboratorio de patógenos fúngicos postcosecha y alterantes de alimentos ({IATA}-{CSIC}). Sem@foro. 67 - Junio, pp. 20 - 22. 2019.
Type of production: Popular science article **Format:** Journal
- 70** M. López-Pérez; A. R. Ballester; L. González-Candelas*. Disección de factores de patogenicidad del hongo patógeno poscosecha de cítricos *Penicillium digitatum*. Horticultura. 296, pp. 88 - 89. 2011.
Type of production: Popular science article **Format:** Journal
- 71** M. T. Lafuente*; B. Establés-Ortiz; J. F. Cajuste; L. González-Candelas; J. M. Sala.. Efecto protector del etileno frente al 'colapso de la corteza' durante la manipulación postcosecha en naranjas 'Navelina' y 'Navelate'. Levante Agrícola. 47, pp. 206 - 211. 2008.
Type of production: Popular science article **Format:** Journal
- 72** L. Zacarías*; M. T. Lafuente; M. J. Rodrigo; J. F. Marcos; L. González-Candelas. Presente y futuro de la investigación en biotecnología postcosecha de frutos cítricos. Levante Agrícola. 43, pp. 441 - 450. 2004.
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- 73** Luis González-Candelas*; Ana Veyrat; Belén López-García; Jose F. Marcos.. Aplicación de agentes de biocontrol y péptidos antifúngicos como alternativas para el control de las podredumbres de la postre. Levante Agrícola. 355, pp. 145 - 152. 2001.
Collection: de frutos cítricos
Type of production: Popular science article **Format:** Journal
- 74** L. González-Candelas; A-R. Ballester. Molecular insights into the pathogenicity of necrotrophic fungi causing postharvest diseases. Postharvest Pathology of Fresh Horticultural Produce. pp. 375 - 406. CRC Press Taylor & Francis Group, 2020. ISBN 978-1-138-63083-3
Type of production: Book chapter **Format:** Book
Corresponding author: Yes
- 75** Luis González-Candelas; Ana-Rosa Ballester. Molecular {Insights} into the {Pathogenicity} of {Necrotrophic} {Fungi} {Causing} {Postharvest} {Diseases}. pp. 375 - 406. CRC Press, 10/2019. Available on-line at: <<https://www.taylorfrancis.com/books/e/9781315209180/chapters/10.1201/9781315209180-11>>.
Type of production: Book chapter **Format:** Book
- 76** Houda Banani; Marina Marcet-Houben; Ana Rosa Ballester Frutos; Paola Abbruscato; Luis González Candelas; Toni Gabaldón; Davide Spadaro. De novo sequencing and detection of secondary metabolite gene clusters of *Penicillium griseofulvum*. Acta Hortic.1144, pp. 157 - 162. 2016.
Type of production: Book chapter **Format:** Book
Corresponding author: Yes
- 77** An -omics insight into the pathogenicity of *Penicillium digitatum*: an overview. Acta Hortic.1053, pp. 191 - 198. 2014. Available on-line at: <http://www.actahort.org/books/1053/1053_20.htm>.
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Corresponding author: Yes
- 79** L. Vilanova; R. Torres; J. Usall; I. Viñas; N. Teixidó; L. González-Candelas; S. Fiori. Effect of fruit maturity stage of orange on the wound response to *penicillium digitatum* (pathogen) and *P. expansum* (non-host pathogen). Acta Hortic.1053, pp. 177 - 183. 2014. Available on-line at: <http://www.actahort.org/books/1053/1053_18.htm>.



Type of production: Book chapter

Format: Journal

- 80** Ana Rosa Ballester; Marina Marcet-Houben; Elena Levin; Noa Sela; Cristina Selma Lázaro; Lourdes Carmona; Michael Wisniewski; Samir Droby; Luis González Candelas; Toni Gabaldón. Insights into secondary metabolism and pathogenicity of *Penicillium expansum* by genome, transcriptome and functional analysis. *Avances en la Postcosecha de Frutas y Hortalizas*. pp. 417 - 424. Fundación Universidad-Empresa ADEIT, 2014. ISBN 978-84-617-1950-1

Type of production: Book chapter

Format: Book

Corresponding author: Yes

- 81** Paco Romero; Beatriz Establés Ortiz; Fernando Alférez; Luis González Candelas; María Teresa Lafuente Rodríguez. Las fosfolipasas A2 y D como marcadores y sensores de la respuesta al acondicionamiento térmico y el frío en mandarinas Fortune. *Avances en la Postcosecha de Frutas y Hortalizas*. pp. 121 - 125. Fundación Universidad-Empresa ADEIT, 2014. ISBN 978-84-617-1950-1

Type of production: Book chapter

Format: Book

- 82** L. González-Candelas. Interacción fruto-patógeno: las dos caras de una misma moneda. *Avances en Poscosecha de Frutas y Hortalizas*. pp. 367 - 374. EspañaUniversidad de Lleida, 2012. ISBN 978-84-695-4683-3

Type of production: Book chapter

Format: Book

- 83** Simona M. Sanzani*; Leonardo Schena; Annalisa De Girolamo; Franco Nigro; Antonio Ippolito*; Luis González-Candelas. Characterization of differentially expressed transcripts in Quercetin-Treated Apples by Suppression Subtractive Hybridization. *Acta Hort.*877, pp. 1691 - 1695 páginas. 2010.

Type of production: Book chapter

Format: Journal

- 84** M. T. Lafuente*; J. Calejero; A. R. Ballester; L. Zacarías; L. González-Candelas. Effect of heat-conditioning treatments on quality and phenolic composition of 'Fortune' mandarin fruit. *Acta Hort.*877, pp. 1333 - 1340 páginas. 2010.

Type of production: Book chapter

Format: Journal

- 85** L. González-Candelas*; S. Alamar; A. R. Ballester; P. Sánchez-Torres; J. Forment; J. Gadea; M. T. Lacuente; L. Zacarías; J. F. Marcos. Global regulation of genes in citrus fruit in response to the postharvest pathogen *Penicillium digitatum*. *Plant Pathology in the 21st Century*. 2, pp. 57 - 67. NetherlandsSpringer, 2010. ISBN 978-1-4020-8929-9

Type of production: Book chapter

Format: Book

- 86** B. Establés-Ortiz; M. T. Lafuente*; J. Forment; J. Gadea; L. González-Candelas. Transcriptional analysis of ethylene-induced tolerance to non-chilling peel pitting in citrus fruit. *Acta Hort.*839, pp. 555 - 560. 2009.

Type of production: Book chapter

Format: Journal

Source of citations: WOS

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Type of production: Book chapter

Format: Book



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Type of production: Book chapter **Format:** Journal
- 90** L. Zacarías; S. Alamar; B. Establés; C. Royo; C. Pons; A. R. Ballester; J. Forment; J. Gadea; A. Granell; M. T. Lafuente; J. F. Marcos; L. González-Candelas*. Aproximaciones genómicas a la postcosecha de frutos cítricos. *Innovaciones Fisiológicas y Tecnológicas de la Maduración y Post-recolección de Frutas y Hortalizas Frutas y Hortalizas*. pp. 57 - 61. España Valero D. Y Serrano M. Eds., Editorial: CEE Limencop, S.L., 2006. ISBN 84-611-2692-0
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Source of citations: WOS **Citations:** 4
- 96** C. Pons; L. González-Candelas; L. Zacarías; M. T. Lafuente; A. Granell*. Análisis de las bases moleculares de la respuesta a bajas temperaturas en frutos de mandarina 'Fortune' utilizando técnicas de alta capacidad y SSH. *Maduración y Postrecolección de Frutas y Hortalizas*. pp. 65 - 69. Madrid C. Merodio y C. Escribano, eds., 2003.
Collection: de Frutas y Hortalizas
Type of production: Book chapter **Format:** Book
- 97** L. Zacarías*; M. Saladie; M. T. Lafuente; J. F. Marcos; L. González-Candelas. Expresión diferencial de genes de biosíntesis de etileno durante distintas situaciones de estrés en la postcosecha de frutos cítricos. *Maduración y Postrecolección de Frutas y Hortalizas*. pp. 61 - 63. Madrid C. Merodio y C. Escribano, eds, 2003.
Type of production: Book chapter **Format:** Book



- 98** A. R. Ballester; P. Sánchez-Torres; J. F. Marcos; M. T. Lafuente; L. González-Candelas*. Inducción de resistencia en naranjas frente a la infección por *Penicillium digitatum*: análisis bioquímico y molecular. *Maduración y Postrecolección de Frutas y Hortalizas*. pp. 117 - 122. Madrid C. Merodio y C. Escribano, eds., 2003.
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- 99** L. González-Candelas; M. T. Lafuente; L. Zacarías*. Maturation of loquat fruit (*Eriobotrya japonica* Lindl.) under Spanish growing conditions and its postharvest performance. *Options mediterranéennes, Serie A*. 58, pp. 171 - 179. Zaragoza G. Llácer y M.L. Badenes, 2003.
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- 100** P. Sánchez-Torres, M. Maldonado-Vallejo, M. T. Lafuente, L. González-Candelas*. Caracterización bioquímica y molecular del proceso de infección de manzanas por *Penicillium expansum*. *Postrecolección de Frutos y Hortalizas*. :, pp. 209 - 213. 2002.
Type of production: Book chapter
- 101** B. López-García; L. González-Candelas; J. F. Marcos; E. Pérez-Payá*. Identification of a hexapeptide with specific activity against phytopathogenic fungi. *Structural characterization studies. Peptides 2000*. Proceedings of the 26th European Peptide Symposium. pp. 677 - 678. Montpellier (France): Edited by J. Martinez and J.-A. Fehrentz, 2001.
Type of production: Book chapter **Format:** Book
- 102** B. López-García; L. González-Candelas; J. F. Marcos*; E. Pérez-Payá.. Identification of a peptide with specific activity against fungi that cause postharvest decay in fruits. *Acta Hort*. 553, pp. 447 - 448. 2001.
Type of production: Book chapter **Format:** Journal
- 103** D. Ramón*; J. A. Pérez-González; L. González-Candelas; R. González; P. Sánchez-Torres; M. A. Ganga; S. Vallés; A. Querol.. Application of recombinant DNA technology to wine yeast strain to achieve specific outcomes. *Proceedings of the Nineth Australian Wine Industry Research Conference*. pp. 53 - 56. Adelaide Winetitles, 1996.
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- 104** D. Ramón*; J. A. Pérez-González; L. González-Candelas; R. González; S. Vallés; F. Piñaga; A. Querol; P. Sánchez; M. V. Gallego; M. D. Calvo; J. E. Pérez-Ortín. Construction of safe recombinant wine yeast strains. *Safety evaluation of foods*. pp. 25 - 30. Paris OECD Documents, 1996.
Type of production: Book chapter **Format:** Book
- 105** Q. Migheli*; O. Friard; D. Ramón-Vidal; L. González-Candelas.. Hypercellulolytic transformants of *Trichoderma longibrachiatum* are active in reducing *Pythium* damping-off on cucumber. *Advances in Molecular Genetics of Plant-Microbe Interactions*. III, pp. 395 - 398. Boston Kluwer Academic Publisher, 1995.
Type of production: Book chapter **Format:** Book
Source of citations: WOS **Citations:** 2
- 106** P. E. Kolattukudy*; J. Kämper; U. Kämper; L. González-Candelas; W. Guo. Fungus-induced degradation and reinforcement of defensive barriers of plants. *Alteration of host walls by fungi*. pp. 67 - 79. 1994.
Type of production: Book chapter **Format:** Book
- 107** Shiping Tian; Rosario Torres; Ana Rosa Ballester Frutos; Boqiang Li; Laura Vilanova; Luis González Candelas. Molecular aspects in pathogen-fruit interactions: Virulence and resistance. *Postharvest Biol. Technol.* 122, pp. 11 - 21. 2016.
Type of production: Review **Format:** Journal
Corresponding author: Yes
Impact source: ISI **Category:** FOOD SCIENCE & TECHNOLOGY



Impact index in year of publication: 3.248
Position of publication: 14

Source of citations: SCOPUS

Journal in the top 25%: Yes
No. of journals in the cat.: 129

Citations: 13

Works submitted to national or international conferences

- 1** **Title of the work:** Bioactive extracts from *Posidonia oceanica* waste biomass comparison between water-based and organic-solvent extractions
Name of the conference: VIIIth Congress of Students of Food Science and Technology AVECTA2020
City of event: Valencia,
Date of event: 02/2020
I. Benito-González; A. López-Rubio; A. Martínez-Abad; A.R. Ballester; L. Falcó; L. González-Candelas; G. Sánchez; M. Martínez-Sanz. "Libro de Abstracts".
- 2** **Title of the work:** Role of GsfR1 and global regulators on griseofulvin and other secondary metabolites biosynthesis and on growth and virulence of *Penicillium griseofulvum*
Name of the conference: 15th European Conference on Fungal Genetics (ECFG15-2020)
City of event: Roma, Italia,
Date of event: 2020
S. Valente; A. Cometto; G.R. Meloni; E. Piombo; A.-R. Ballester; L. González-Candelas; M.L. Gullino; D. Spadaro.
- 3** **Title of the work:** Characterization of two genes putatively involved in griseofulvin biosynthesis in *Penicillium griseofulvum*
Name of the conference: IV Workshop Red MICOFOOD: Red nacional sobre las micotoxinas y hongos toxigénicos y de sus procesos de descontaminación
City of event: Pamplona,
Date of event: 05/2019
Agenese Cometto; Davide Spadaro Luis González-Candelas Ana-Rosa Ballester. "Libro de Abstracts".
- 4** **Title of the work:** From gene expression to the packinghouse: can metal chelation be a possible alternative treatment to control fruit postharvest diseases?
Name of the conference: Vth International Postharvest Pathology Symposium
City of event: Liège, Belgium
Date of event: 05/2019
Luis González-Candelas; Mario López-Pérez; Beatriz de la Fuente and Ana-Rosa Ballester. "Book of Abstracts".
- 5** **Title of the work:** New insights into griseofulvin biosynthesis by *Penicillium griseofulvum*, an agent of blue mold on apples
Name of the conference: Vth International Postharvest Pathology Symposium
City of event: Liège, Belgium
Date of event: 05/2019
Silvia Valente; Agenese Cometto; Edoardo Piombo; Ana-Rosa Ballester; Maria Lodovica Gullino; Luis González-Candelas and Davide Spadaro. "Book of Abstracts".
- 6** **Title of the work:** Estudio del papel de la homeostasis del hierro en la virulencia de *Penicillium digitatum*
Name of the conference: 14º Congreso Nacional de Micología
City of event: Tarragona,
Date of event: 09/2018



Cristina Selma; Mario López-Pérez; Lourdes Carmona; Ana-Rosa Ballester; Luis González-Candelas. "Librop de Abstracts".

- 7** **Title of the work:** Interacciones moleculares entre patógenos y frutos (pepita y cítricos) en la etapa poscosecha
Name of the conference: ; 4º Congreso Argentino de Fitopatología
City of event: Mendoza, Argentina
Date of event: 04/2017
L. González-Candelas. "Libro de Resúmenes".
- 8** **Title of the work:** Abscisic acid in the susceptibility of citrus fruit to *Penicillium digitatum* infection. Implication in the LED Blue light-induced reduction of postharvest decay
Name of the conference: IV International Postharvest Pathology Symposium
City of event: Skukuza,
Date of event: 2017
M.T. Lafuente; A-R.Ballester; L. González-Candelas. "Book of Abstracts".
- 9** **Title of the work:** Obtention and characterization of a *Penicillium digitatum* non-ethylene producer knockout mutant
Name of the conference: IV International Postharvest Pathology Symposium
City of event: Skukuza,
Date of event: 2017
A-R. Ballester; L. González-Candelas. "Book of Abstracts".
- 10** **Title of the work:** Role of proteases and iron metabolism on the virulence of *Penicillium digitatum*
Name of the conference: IV International Postharvest Pathology Symposium
City of event: Skukuza,
Date of event: 2017
C.Selma; B. de la Fuente; L. Carmona; A-R. Ballester; L. González-Candelas. "Book of Abstracts".
- 11** **Title of the work:** Role of reductive and non-reductive iron assimilation on the virulence of *Penicillium digitatum*
Name of the conference: FEMS2017. 7th Congress of European Microbiologists
City of event: Valencia, Spain
Date of event: 2017
Luis González-Candelas; Cristina Selma; Ana Rosa Ballester. "Book of Abstracts".
- 12** **Title of the work:** Uncovering the role of ethylene produced by *Penicillium digitatum* in the pathogenicity towards citrus fruit
Name of the conference: FEMS2017. 7th Congress of European Microbiologists
City of event: Valencia, Spain
Date of event: 2017
Ana-Rosa Ballester; Luis González-Candelas. "Book of Abstracts".
- 13** **Title of the work:** Genome mining and characterization of secondary metabolites pathways of the postharvest pathogen *Penicillium griseofulvum*
Name of the conference: II Workshop Red Española MICOFOOD
City of event: Cáceres,
Date of event: 09/2016
Houda Banani; Marina Marcet-Houben; Ana-Rosa Ballester; Pamela Abbruscato; Luis González-Candelas; Toni Gabaldón and Davide Spadaro. "Libro de Abstracts".



- 14 Title of the work:** Genome mining and characterization of secondary metabolites pathways of the postharvest pathogen *Penicillium griseofulvum* PG3
Name of the conference: 13th European Conference on Fungal Genetics
City of event: Paris,
Date of event: 2016
H.Banani; D. Spadaro; M. Marcet-Houben; A.-R. Ballester; P. Abbruscato; L. González-Candelas; T. Gabaldón. "Libro de Abstracts".
- 15 Title of the work:** Identification of pathogenicity factors in *Penicillium digitatum* by random transformation with T-DNA.
Name of the conference: VIII International Postharvest Symposium
City of event: Cartagena, Spain
Date of event: 2016
Cristina Selma-Lázaro; Lourdes Carmona-López; Neus Teixidó; Beatriz de la Fuente; Inmaculada Viñas; Josep Usall; Ana Rosa Ballester; Luis González-Candelas. "Book of Abstracts".
- 16 Title of the work:** Potential effector proteins in *Penicillium expansum* and their role in pathogenicity on apple fruit
Name of the conference: VIII International Postharvest Symposium
City of event: Cartagena, Spain
Date of event: 2016
Michael Wisniewski; Samir Droby; Elena Levin; Ginat Rafael; Doreen Schwartz; Oleg Feygenberg; Ana R. Ballester; Luis González-Candelas; John Norelli. "Book of Abstracts".
- 17 Title of the work:** GENOME, TRANSCRIPTOME, AND FUNCTIONAL ANALYSES OF *PENICILLIUM EXPANSUM* PROVIDE NEW INSIGHTS INTO SECONDARY METABOLISM AND PATHOGENICITY
Name of the conference: I Workshop Red Española MICOFOOD
City of event: Valencia,
Date of event: 06/2015
A.R. Ballester; M. Marcet-Houben; E. Levin; N. Sela; C. Selma-Lázaro; L. Carmona; M. Wisniewski; S. Droby; Luis González-Candelas and T. Gabaldón. "Libro de Resúmenes".
- 18 Title of the work:** Ocratoxina A (OTA) en el vino: caracterización de los hongos productores e identificación de genes implicados en la producción de la OTA.
Name of the conference: I Workshop Red Española MICOFOOD
City of event: Valencia,
Date of event: 06/2015
A. Crespo-Sempere; L. González-Candelas; P.V Martínez-Culebras. "Libro de Resúmenes".
- 19 Title of the work:** DE NOVO SEQUENCING AND DETECTION OF SECONDARY METABOLITE GENE CLUSTERS OF *PENICILLIUM GRISEOFULVUM*
Name of the conference: III International Symposium on Postharvest Pathology
City of event: Bari, Italy
Date of event: 2015
Houda Banani; Marina Marcet-Houben; Ana-Rosa Ballester; Pamela Abbruscato; Luis González-Candelas; Toni Gabaldón; Davide Spadaro. "Book of Abstracts".
- 20 Title of the work:** DEVELOPMENT OF A β -RECOMBINASE/SIX-BASED SYSTEM FOR MARKER RECYCLING IN *PENICILLIUM DIGITATUM*
Name of the conference: III International Symposium on Postharvest Pathology
City of event: Bari, Italy
Date of event: 2015



Cristina Selma-Lázaro; Ana-Rosa Ballester; Luis González-Candelas. "Book of Abstracts".

- 21** **Title of the work:** INHIBITORY ACTIVITY OF SARDINIAN PEAR ON PENICILLIUM EXPANSUM PATULIN BIOSYNTHESIS
Name of the conference: III International Symposium on Postharvest Pathology
City of event: Bari, Italy
Date of event: 2015
Loredana Cubaiu; Emanuela Azara; Ana-Rosa Ballester; Gianfranca Ladu; Tullio Venditti; Luis González-Candelas; Guy D'Hallewin. "Book of Abstracts".
- 22** **Title of the work:** OMICS TECHNOLOGIES TO UNRAVEL PATHOGENICITY MECHANISMS IN PENICILLIUM S
Name of the conference: III International Symposium on Postharvest Pathology
City of event: Bari, Italy
Date of event: 2015
Luis González-Candelas. "Book of Abstracts".
- 23** **Title of the work:** ROLE OF EFFECTOR PROTEINS IN PATHOGENICITY OF POSTHARVEST PATHOGENS
Name of the conference: III International Symposium on Postharvest Pathology
City of event: Bari, Italy
Date of event: 2015
Samir Droby; Elena Levin; Dlila Beno; Michael Wisniewski; John Norelli; Ana-Rosa Ballester; Luis Gonzalez-Candelas. "Book of Abstracts".
- 24** **Title of the work:** Desarrollo de un sistema de marcador de resistencia reciclable en *Penicillium digitatum*
Name of the conference: XI Simposio Nacional y VIII Ibérico sobre Maduración y Postcosecha
Type of event: Conference **Geographical area:** Ibérico
Type of participation: 'Participatory - poster
City of event: Valencia, Spain
Date of event: 21/10/2014
End date: 23/10/2014
C. Selma-Lázaro; L. González-Candelas. Available on-line at: <<http://congresos.adeituv.es/postv1c2014/>>.
- 25** **Title of the work:** Insights into secondary metabolism and pathogenicity of *Penicillium expansum* by genome, transcriptome and functional analysis
Name of the conference: XI Simposio Nacional y VIII Ibérico sobre Maduración y Postcosecha
Type of event: Conference **Geographical area:** Ibérico
Type of participation: Participatory - oral communication
City of event: Valencia, Spain
Date of event: 21/10/2014
End date: 23/10/2014
City organizing entity: Valencia, Spain
A.R. Ballester*; M. Marcet-Houben*; E. Levin; N. Sela; C Selma-Lázaro; L. Carmona; M. Wisniewski; S. Droby; L. González-Candelas†; T. Gabaldón‡. Available on-line at: <<http://congresos.adeituv.es/postv1c2014/>>.
- 26** **Title of the work:** Las fosfolipasas A2 y D como marcadores y sensores de la respuesta al acondicionamiento térmico y el frío en mandarinas 'Fortune'
Name of the conference: XI Simposio Nacional y VIII Ibérico sobre Maduración y Postcosecha
Type of event: Conference **Geographical area:** Ibérico
Type of participation: 'Participatory - poster



City of event: Valencia, Spain

Date of event: 21/10/2014

End date: 23/10/2014

P. Romero; B. Establés-Ortiz; F. Alférez; L. González-Candelas; M.T. Lafuente. Available on-line at: <<http://congresos.adeituv.es/postvlc2014/>>.

27 Title of the work: Caracterización de Pest12 (factor de transcripción) de *Penicillium expansum* durante la infección de frutos de manzana

Name of the conference: XVII Congreso de la Sociedad Española de Fitopatología

Type of event: Conference

Geographical area: National

Type of participation: 'Participatory - poster

City of event: Lleida, Spain

Date of event: 07/10/2014

End date: 10/11/2014

Organising entity: SOCIEDAD ESPAÑOLA DE FITOPATOLOGIA

P. Sánchez-Torres; L. Vilanova; R. Torres; N. Teixidó; I. Viñas; A.R. Ballester; L. González-Candelas. Available on-line at: <<http://www.sefilleida2014.es/>>.

28 Title of the work: Identificación de factores de patogenicidad en *Penicillium digitatum* mediante transformación aleatoria con T-DNA

Name of the conference: XVII Congreso de la Sociedad Española de Fitopatología

Type of event: Conference

Geographical area: National

Type of participation: Participatory - oral communication

City of event: Lleida, Spain

Date of event: 07/10/2014

End date: 10/11/2014

Organising entity: SOCIEDAD ESPAÑOLA DE FITOPATOLOGIA

C. Selma-Lázaro; L. Carmona; N. Teixidó; B. de la Fuente; I. Viñas; J. Usall; R. Torres; A.R. Ballester; L. González-Candelas. Available on-line at: <<http://www.sefilleida2014.es/>>.

29 Title of the work: Secondary metabolism clusters and pathogenicity of the apple blue mould fungus *Penicillium expansum*: genome, transcriptome and functional analysis

Name of the conference: XVII Congreso de la Sociedad Española de Fitopatología

Type of event: Conference

Geographical area: National

Type of participation: Participatory - oral communication

City of event: Lleida, Spain

Date of event: 07/10/2014

End date: 10/11/2014

Organising entity: SOCIEDAD ESPAÑOLA DE FITOPATOLOGIA

A.R. Ballester*; M. Marcet-Houben*; E. Levin; N. Sela; C Selma-Lázaro; L. Carmona; M. Wisniewski; S. Droby; L. González-Candelas†; T. Gabaldón†. Available on-line at: <<http://www.sefilleida2014.es/>>.

30 Title of the work: A forward genetics approach for the identification of pathogenicity factors in *Penicillium digitatum*

Name of the conference: 12th European Congress on Fungal Genetics

Type of event: Conference

Geographical area: Non EU International

Type of participation: 'Participatory - poster

Reasons for participation: Review before acceptance

City of event: Sevilla, Spain

Date of event: 23/03/2014

End date: 27/03/2014



Lourdes Carmona; Neus Teixidó; Beatriz de la Fuente; Cristina Selma-Lázaro; Inmaculada Viñas; Josep Usall; Rosario Torres; Ana-Rosa Ballester; Luis González-Candelas. Available on-line at: <http://www.ecfg12.com/cgi.hrb?idexp=EAXQS&main=home>.

- 31 Title of the work:** Development of a recyclable marker selection system for *Penicillium digitatum*
Name of the conference: 12th European Congress on Fungal Genetics
Type of event: Conference **Geographical area:** Non EU International
Type of participation: 'Participatory - poster
City of event: Sevilla, Spain
Date of event: 23/03/2014
End date: 27/03/2014
With external admission assessment committee: No
Cristina Selma-Lázaro; Luis González-Candelas. Available on-line at: <http://www.ecfg12.com/cgi.hrb?idexp=EAXQS&main=home>.
- 32 Title of the work:** An omics insight into *Penicillium digitatum*'s pathogenicity
Name of the conference: 2nd International Symposium on discovery and development of innovative strategies for postharvest disease management
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk **Reasons for participation:** Upon invitation
City of event: Kusadasi, Turkey
Date of event: 28/04/2013
End date: 02/05/2013
Organising entity: ISHS
L. González-Candelas.
- 33 Title of the work:** Effect of maturity stage in orange wound healing process against *P. digitatum* (pathogen) and *P. expansum* (non-host pathogen)
Name of the conference: 2nd International Symposium on discovery and development of innovative strategies for postharvest disease management
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - oral communication
City of event: Kusadasi, Turkey
Date of event: 28/04/2013
End date: 02/05/2013
Organising entity: ISHS
: L. Vilanova; R. Torres; I. Viñas; J. Usall; L. González-Candelas; S. Fiori; N. Teixidó.
- 34 Title of the work:** Genome sequence of the necrotrophic fungus *Penicillium digitatum*, the main postharvest pathogen of citrus
Name of the conference: 2012 International Citriculture Congress
Type of event: Conference **Geographical area:** Non EU International
Type of participation: Participatory - invited/keynote talk
City of event: Valencia,
Date of event: 18/11/2012
End date: 23/11/2012
Ana-Rosa Ballester†; Marina Marcet-Houben†; Beatriz de la Fuente; Eleonora Harries; Jose F. Marcos; and Toni Gabaldón; * Luis González-Candelas*. "Book of Abstracts". 18/11/2012.



- 35** **Title of the work:** Identification and expression analysis of *Penicillium digitatum* genes involved in fungal virulence during citrus fruit infection
Name of the conference: 2012 International Citriculture Congress
Type of participation: 'Participatory - poster
City of event: Valencia,
Date of event: 18/11/2012
End date: 23/11/2012
M. De Ramón-Carbonell; A. R. Ballester; L. González-Candelas; P. Sánchez-Torres. "Book of Abstracts".
- 36** **Title of the work:** RNA-seq and phenylpropanoid metabolism of orange-*Penicillium digitatum* interaction
Name of the conference: 2012 International Citriculture Congress
Type of participation: 'Participatory - poster
City of event: Valencia,
Date of event: 18/11/2012
End date: 23/11/2012
A. R. Ballester; M. Marcet-Houben; T. Gabaldón; M. T. Lafuente; L. González-Candelas. "Book of Abstracts".
- 37** **Title of the work:** Interacción fruto-patógeno: las dos caras de una misma moneda
Name of the conference: X Simposio Nacional y VII Ibérico sobre maduración y postcosecha
Type of event: Conference
Type of participation: Participatory - invited/keynote talk
City of event: Lleida,
Date of event: 01/10/2012
End date: 05/10/2012
L. González-Candelas. "Libro de Abstracts".
- 38** **Title of the work:** Efecto de la cicatrización en naranjas ante la infección por *P. digitatum* (patógeno) y *P. expansum* (no patógeno)
Name of the conference: X Simposio Nacional y VII Ibérico sobre maduración y postcosecha
Type of participation: 'Participatory - poster
City of event: Lleida,
Date of event: 01/10/2012
End date: 05/10/2012
L. Vilanova; R. Torres; I. Viñas; C. Solsona; L. González-Candelas; S. Fiori; N. Teixidó. "Libro de Abstracts".
- 39** **Title of the work:** Transcriptional analysis of apple-*Penicillium expansum* interaction
Name of the conference: X Simposio Nacional y VII Ibérico sobre Mmaduración y postcosecha
Type of participation: Participatory - oral communication
City of event: Lleida,
Date of event: 01/10/2012
End date: 05/10/2012
A. R. Ballester; C. Selma; P. V. Martínez-Culebras; L. González-Candelas. "Libro de Abstracts".
- 40** **Title of the work:** Búsqueda de factores de patogenicidad en *Penicillium digitatum*, el principal patógeno postcosecha de frutos cítricos
Name of the conference: XI Congreso Nacional de Micología
Type of participation: Participatory - invited/keynote talk
City of event: Cádiz,
Date of event: 20/09/2012



End date: 22/10/2012

L. González-Candelas. "Libro de Abstracts".

41 Title of the work: Búsqueda de factores de patogenicidad en hongos del género *Penicillium* patógenos de frutos

Name of the conference: Micelio 2012

Type of participation: Participatory - oral communication

City of event: San Feliu e Guixols, Spain

Date of event: 17/07/2012

End date: 19/07/2012

L. González-Candelas. "Libro de Abstracts".

42 Title of the work: Transcriptomic analysis and phenylpropanoid metabolism of orange-*Penicillium digitatum* interaction

Name of the conference: 5th Indonesian Biotechnological Conference

Type of participation: Participatory - oral communication

City of event: Mataram, Indonesia

Date of event: 04/07/2012

End date: 07/07/2012

A.R. Ballester; M.T. Lafuente; L. González-Candelas. "Book of Abstracts".

43 Title of the work: Induction of resistance in citrus fruit against *Penicillium digitatum* infection and phenylpropanoid metabolism

Name of the conference: 7th International Postharvest Symposium

Type of participation: Participatory - oral communication

City of event: Kuala Lumpur, Malaysia

Date of event: 25/06/2012

End date: 29/06/2012

A. R. Ballester; M. T. Lafuente; R. C. H. de Vos; A. G. Bovy; L. González-Candelas. "Book of Abstracts".

44 Title of the work: Identification and analysis of *Penicillium digitatum* genes putatively involved in pathogenicity towards citrus fruits

Name of the conference: 1th European Congress on Fungal genetics

Type of participation: Participatory - poster

City of event: Marburg,

Date of event: 30/03/2012

End date: 02/04/2012

M. López-Pérez; L. González-Candelas. "Book of Abstracts".

45 Title of the work: Transcriptome of *Penicillium digitatum* During the Infection of Oranges

Name of the conference: 1th European Congress on Fungal genetics

Type of participation: Participatory - poster

City of event: Marburg,

Date of event: 30/03/2012

End date: 02/04/2012

A. R. Ballester; L. González-Candelas. "Book of Abstracts".

46 Title of the work: Metabolic profiling of citrus peel tissues reveals an important role of phenylpropanoids on induced resistance.

Name of the conference: International 1st Annual Conference of COST action FA1006: Plant Engine

Type of participation: Participatory - poster



City of event: Murcia, Spain

Date of event: 17/11/2011

End date: 18/11/2011

A. R. Ballester; M. T. Lafuente; R. de Vos; A. Bovy; L. González-Candelas. "Book of Abstracts".

- 47** **Title of the work:** Understanding chilling tolerance in citrus fruit
Name of the conference: International Workshop on Biology of Fruit Quality
Type of participation: Participatory - invited/keynote talk
City of event: Hangzhou, China
Date of event: 25/10/2011
End date: 29/10/2011
M^a Teresa Lafuente; Beatriz Establés-Ortiz; Luis González-Candelas. "Libro de Abstracts".
- 48** **Title of the work:** Fenilpropanoides y fosfolípidos en la susceptibilidad de los frutos cítricos al 'Colapso de la Corteza': Modo de acción del etileno y 1-metilciclopropeno.
Name of the conference: XIX Reunión de la Sociedad Española de Fisiología Vegetal / XII Congreso Hispano-Luso de Fisiología Vegetal
Type of participation: Participatory - poster
City of event: Castellón de la Plana, Spain
Date of event: 21/06/2011
End date: 24/06/2011
B. Establés-Ortiz; M. T. Lafuente; J. Forment; J. Gadea; L. González-Candelas. "Libro de Abstracts".
- 49** **Title of the work:** Development of genomic tools to dissect pathogenicity factors of the citrus postharvest pathogen *Penicillium digitatum*.
Name of the conference: International International Congress of Postharvest Pathology
Type of participation: Participatory - oral communication
City of event: Lleida, Spain
Date of event: 11/04/2011
End date: 14/04/2011
M. López-Pérez; A. R. Ballester; L. González-Candelas. "Libro de Abstracts".
- 50** **Title of the work:** Enhancement of apple resistance to *Penicillium expansum* and patulin contamination by the phenolic compound quercetin.
Name of the conference: International International Congress of Postharvest Pathology
Type of participation: Participatory - oral communication
City of event: Lleida, Spain
Date of event: 11/04/2011
End date: 14/04/2011
S. M. Sanzani; A. Ippolito; L. Schena; A. De Girolamo; F. Nigro; M. Solfrizzo; L. González-Candelas. "Libro de Abstracts".
- 51** **Title of the work:** Green fluorescent protein transformation of *Aspergillus carbonarius* and the use of this marker in infection studies of grapes.
Name of the conference: International International Congress of Postharvest Pathology
Type of participation: Participatory - poster
City of event: Lleida, Spain
Date of event: 11/04/2011
End date: 14/04/2011
A. Crespo-Sempere; M. López-Pérez; P.V. Martínez-Culebras; L. González-Candelas. "Libro de Abstracts".



- 52** **Title of the work:** Use of green fluorescent protein (GFP) transformation of *Penicillium digitatum* and *P. expansum* to study their infection process in fruit-pathogen interactions
Name of the conference: International International Congress of Postharvest Pathology
Type of participation: 'Participatory - poster
City of event: Lleida, Spain
Date of event: 11/04/2011
End date: 14/04/2011
G. Buron-Moles; M. López-Pérez; L. González-Candelas; I. Viñas; N. Teixidó; L. Vilanova; R. Torres. "Libro de Abstracts".
- 53** **Title of the work:** Caracterización del gen PdMFS1 de *Penicillium digitatum* implicado en resistencia a fungicidas y patogénesis.
Name of the conference: XV Congreso de la Sociedad Española de Fitoaptología
Type of participation: 'Participatory - poster
City of event: Vitoria,
Date of event: 27/09/2010
End date: 01/10/2010
M. de Ramón; M. López; L. González-Candelas; P. Sánchez-Torres. "Libro de Abstracts". 2027.
- 54** **Title of the work:** Empleo de cepas de *Penicillium digitatum* y *Penicillium expansum* marcadas con proteína verde de fluorescencia (GFP) para estudiar su proceso infectivo en naranjas y manzanas.
Name of the conference: XV Congreso de la Sociedad Española de Fitoaptología
Type of participation: 'Participatory - poster
City of event: Vitoria,
Date of event: 27/09/2010
End date: 01/10/2010
G. Buron-Moles; M. López-Pérez; L. González-Candelas; R. Torres; N. Teixidó; L. Vilanova; I. Viñas. "Libro de Abstracts".
- 55** **Title of the work:** pdcyp51b una nueva estero 14?-demetilasa de *Penicillium digitatum* principal responsable de resistencia a dmis.
Name of the conference: XV Congreso Nacional de Fitoaptología
Type of participation: Participatory - oral communication
City of event: Vitoria,
Date of event: 27/09/2010
End date: 01/10/2010
M. de Ramón; M. López; L. González-Candelas; P. Sánchez-Torres. "Libro de Abstracts".
- 56** **Title of the work:** Caracterización de tres genes de *Penicillium digitatum* que codifican pectinasas
Name of the conference: X Congreso Nacional de Micología
Type of participation: 'Participatory - poster
City of event: Sevilla,
Date of event: 22/09/2010
End date: 24/09/2010
M. López-Pérez; L. González-Candelas. "Libro de Abstracts".
- 57** **Title of the work:** Caracterización del factor de transcripción PacC de *Penicillium digitatum* y de su implicación en patogénesis.
Name of the conference: X Congreso Nacional de Micología
Type of participation: 'Participatory - poster
City of event: Sevilla,
Date of event: 22/07/2010



End date: 24/09/2010

M. López-Pérez; L. González-Candelas. "Libro de Abstracts".

- 58** **Title of the work:** Changes of gene expression in citrus fruit in response to infection caused by the postharvest pathogen *Penicillium digitatum*.
Name of the conference: II International Citrus Biotechnology Symposium.
Type of participation: Participatory - oral communication
City of event: Catania, Italy
Date of event: 30/11/2009
End date: 02/12/2009
L. González-Candelas; S. Alamar; P. Sánchez-Torres; J. Forment; J. Gadea; L. Zacarías; J. F. Marcos.
- 59** **Title of the work:** Effect of heat-conditioning treatments on quality and phenolic composition of 'Fortune' mandarin fruit.
Name of the conference: 6th International Postharvest Symposium
Type of participation: 'Participatory - poster
City of event: Antalya, Turkey
Date of event: 08/04/2009
End date: 12/04/2009
M. T. Lacuente; J. Calejero; A. R. Ballester; L. Zacarías; L. González-Candelas. "Abstracts".
- 60** **Title of the work:** Genes differentially expressed in quercetin-treated apples and associated with resistance to blue mould caused by *Penicillium expansum*
Name of the conference: 6th International Postharvest Symposium
Type of participation: 'Participatory - poster
City of event: Antalya, Turkey
Date of event: 08/04/2009
End date: 12/04/2009
Simona M. Sanzani; Leonardo Schena; Annalisa De Girolamo; Franco Nigro; Antonio Ippolito; Luis Gonzalez Candelas. "Abstracts".
- 61** **Title of the work:** Insights into fruit-pathogen interaction from an '-omics' perspective: citrus-*P. digitatum* as a model.
Name of the conference: 6th International Postharvest Symposium
Type of participation: Participatory - invited/keynote talk
City of event: Antalya, Turkey
Date of event: 08/04/2009
End date: 12/04/2009
L. González-Candelas; M. López-Pérez; S. Alamar; A. R. Ballester; P. Sánchez-Torres; J. Forment; J. Gadea; M. T. Lafuente; L. Zacarías; J. F. Marcos. "Abstracts".
- 62** **Title of the work:** Microarray analysis of gene expression profiles in citrus fruit treated with chitosan
Name of the conference: 11th International Citrus Congress (ICC 2008)
Type of participation: Participatory - oral communication
City of event: Wuhan, China
Date of event: 26/10/2008
End date: 30/10/2008
M.C. Trullo; P. Merelo-Cremades; L. Schena.; F. Tadeo; L. González-Candelas; A. Ippolito. "Abstracts".



- 63** **Title of the work:** Molecular tools to dissect the fruit-Penicillium interaction
Name of the conference: COST Action 864 expert meeting: Penicillium expansum – apple pathosystem: exploring new frontiers and summarizing present knowledge..Combining traditional and advanced strategies for plant protection in pome fruit growing
Type of participation: Participatory - oral communication
City of event: Copenhagen, Denmark
Date of event: 16/10/2008
End date: 17/10/2008
L. González-Candelas.
- 64** **Title of the work:** Bases moleculares del efecto del 1-MCP potenciando el colapso de la corteza en naranjas Navelate
Name of the conference: IX Simposio Nacional y VI Ibérico en Maduración y Postcosecha
Type of participation: 'Participatory - poster
City of event: Zaragoza,
Date of event: 23/09/2008
End date: 26/09/2008
B. Establés-Ortiz; M. T. Lafuente; J. Forment; J. Gadea; L. González-Candelas. "Abstracts".
- 65** **Title of the work:** Análisis global de la expresión génica en frutos cítricos en respuesta a la infección por Penicillium digitatum.
Name of the conference: XIV Congreso de la Sociedad Española de Fitopatología
Type of participation: Participatory - oral communication
City of event: Lugo,
Date of event: 15/09/2008
End date: 19/09/2008
L. González-Candelas; S. Alamar; A. R. Ballester; P. Sánchez-Torres; J. Forment; J. Gadea; M. T. Lafuente; L. Zacarías; J. F. Marcos. "Abstracts".
- 66** **Title of the work:** Identificación de genes de Penicillium digitatum implicados en patogenicidad/virulencia sobre frutos cítricos
Name of the conference: XIV Congreso de la Sociedad Española de Fitopatología
Type of participation: 'Participatory - poster
City of event: Lugo,
Date of event: 15/09/2008
End date: 19/09/2008
M. López-Pérez; L. González-Candelas. "Abstracts". 2008.
- 67** **Title of the work:** Transcriptomic analysis of ethylene-induced tolerance to non-chilling peel pitting in citrus fruit
Name of the conference: First International Symposium on Biotechnology of Fruit Species (Biotechfruit 2008)
Type of participation: 'Participatory - poster
City of event: Dresde, Germany
Date of event: 01/09/2008
End date: 05/09/2008
B. Establés-Ortiz; M. T. Lafuente; J. Forment; J. Gadea; L. González-Candelas. "Acta Horticulturae 839:555-560".
- 68** **Title of the work:** Global regulation of genes in citrus fruit in response to the postharvest pathogen Penicillium digitatum
Name of the conference: 9th International Congress of Plant Pathology (ICPP 2008)



Type of participation: Participatory - invited/keynote talk

City of event: Turín, Italy

Date of event: 24/08/2008

End date: 29/08/2008

L. González-Candelas; S. Alamar; A. R. Ballester; P. Sánchez-Torres; J. Forment; J. Gadea; M. T. Lacuente; L. Zacarías; J. F. Marcos. "Abstracts".

69 Title of the work: Identification of *Penicillium digitatum* genes putatively involved in virulence/pathogenicity towards citrus fruit.

Name of the conference: 9th International Congress of Plant Pathology (ICPP 2008)

Type of participation: Participatory - poster

City of event: Turín, Italy

Date of event: 24/08/2008

End date: 29/08/2008

M. López-Pérez; L. González-Candelas. "Abstracts".

70 Title of the work: Transcriptomic and metabolomic analyses of induced resistance in citrus fruit against *Penicillium digitatum*.

Name of the conference: 9th International Congress of Plant Pathology (ICPP 2008)

Type of participation: Participatory - poster

City of event: Turín, Italy

Date of event: 24/08/2008

End date: 29/08/2008

A. R. Ballester; M. T. Lafuente; J. Gadea; J. Forment; L. González-Candelas. "Abstracts".

71 Title of the work: Identification of apple genes differentially expressed in response to quercetin application

Name of the conference: XIV Congresso della Società Italiana di Patologia Vegetale

Type of participation: Participatory - poster

City of event: Perugia, Italy

Date of event: 18/09/2007

End date: 21/09/2007

S.M. Sanzani; A. De Girolamo; L. Schena; M. Solfrizzo; A. Ippolito; L. González-Candelas. "Abstracts".

72 Title of the work: Análisis transcriptómico de las respuestas de defensa de los frutos cítricos a la infección por *Penicillium digitatum*. Implicación del etileno

Name of the conference: V Reunión de la Red Valenciana de Genómica y Proteómica

Type of participation: Participatory - poster

City of event: Valencia,

Date of event: 09/11/2006

End date: 09/11/2006

Santiago Alamar; Jose Gadea; Javier Forment; Lorenzo Zacarías; Luis González Candelas; Jose F. Marcos. "Abstracts".

73 Title of the work: Cambios en la expresión génica asociados a la adquisición de tolerancia al frío en los frutos cítricos

Name of the conference: V Reunión de la Red Valenciana de Genómica y Proteómica

Type of participation: Participatory - poster

City of event: Valencia,

Date of event: 09/11/2006

End date: 09/11/2006

Beatriz Establés-Ortiz; M^a Teresa Lafuente; Javier Forment; José Gadea; Luis González-Candelas. "Abstracts".



- 74** **Title of the work:** Cambios en la expresión génica y metabolismo de fenilpropanoides relacionados con la inducción de resistencia en los frutos cítricos frente a la infección por *Penicillium digitatum*.
Name of the conference: V Reunión de la Red Valenciana de Genómica y Proteómica
Type of participation: 'Participatory - poster
City of event: Valencia,
Date of event: 09/11/2006
End date: 09/11/2006
Ana Rosa Ballester; M^a Teresa Lafuente; José Gadea; Javier Forment; Luis González-Candelas. "Abstracts".
- 75** **Title of the work:** Aproximaciones genómicas a la postcosecha de cítricos
Name of the conference: VIII Simposio Nacional y V Ibérico de Maduración y Post-Recolección
Type of participation: Participatory - oral communication
City of event: Orihuela,
Date of event: 27/09/2006
End date: 30/09/2006
L. Zacarías; S. Alamar; B. Establés; C. Royo.; C. Pons; A. R. Ballester; J. Forment; J. Gadea; A. Granell; M. T. Lafuente; J. F. Marcos; L. González-Candelas. "Innovaciones fisiológicas y tecnológicas de la maduración y post-recolección de frutas y hortalizas. Valero, D y Serrano, eds. pp, 57-61."
- 76** **Title of the work:** Bases moleculares de la tolerancia al frío inducida por el acondicionamiento a altas temperaturas en frutos cítricos.
Name of the conference: VIII Simposio Nacional y V Ibérico de Maduración y Post-Recolección
Type of participation: Participatory - oral communication
City of event: Orihuela,
Date of event: 27/09/2006
End date: 30/09/2006
B. Establés; M. T. Lafuente; J. Forment; J. Gadea; L. González-Candelas. "Innovaciones fisiológicas y tecnológicas de la maduración y post-recolección de frutas y hortalizas. Valero, D y Serrano, eds. pp, 383-386."
- 77** **Title of the work:** Identificación global de genes de frutos cítricos relacionados con la infección postcosecha por *Penicillium digitatum*. Implicación del etileno.
Name of the conference: VIII Simposio Nacional y V Ibérico de Maduración y Post-Recolección
Type of participation: Participatory - oral communication
City of event: Orihuela,
Date of event: 27/09/2006
End date: 30/09/2006
S. Alamar; J. Gadea; J. Forment; L. Zacarías; L. González-Candelas; J. F. Marcos. "Innovaciones fisiológicas y tecnológicas de la maduración y post-recolección de frutas y hortalizas. Valero, D y Serrano, eds. pp, 413-416."
- 78** **Title of the work:** Inducción de resistencia frente a la infección por *Penicillium digitatum* durante la postcosecha de los frutos cítricos: bases moleculares y metabolismo de fenilpropanoides.
Name of the conference: XIII Congreso de la Sociedad Española de Fitopatología
Type of participation: Participatory - oral communication
City of event: Murcia,
Date of event: 18/09/2006
End date: 22/09/2006
A. R. Ballester; M. T. Lafuente; J. Gadea; J. Forment; L. González-Candelas. "Abstracts".



- 79** **Title of the work:** Bases moleculares de la tolerancia al frío inducida por el acondicionamiento a altas temperaturas en frutos cítricos
Name of the conference: VIII Reunión de Biología Molecular de Plantas
Type of participation: 'Participatory - poster
City of event: Pamplona,
Date of event: 28/06/2006
End date: 01/07/2006
B. Establés-Ortiz; M. T. Lafuente; J. Forment; J. Gadea; L. González-Candelas. "Abstracts".
- 80** **Title of the work:** Identificación de genes de cítricos relacionados con la respuesta de de frutos cítricos a la infección por *Penicillium digitatum* mediante micromatrices de cDNA. Implicación del etileno
Name of the conference: VIII Reunión de Biología Molecular de Plantas
Type of participation: 'Participatory - poster
City of event: Pamplona,
Date of event: 28/06/2006
End date: 01/07/2006
S. Alamar; J. Gadea; J. Forment; L. Zacarías; L. González-Candelas; J. F. Marcos. "Abstracts".
- 81** **Title of the work:** Inducción de resistencia en los frutos cítricos frente a la infección por *Penicillium digitatum*: expresión génica y metabolismo de fenilpropanoides.
Name of the conference: VIII Reunión de Biología Molecular de Plantas
Type of participation: 'Participatory - poster
City of event: Pamplona,
Date of event: 28/06/2006
End date: 01/07/2006
A. R. Ballester; M. T. Lafuente; J. Gadea; J. Forment; L. González-Candelas. "Abstracts".
- 82** **Title of the work:** High-throughput approaches to identify genes involved in citrus fruit responses to *Penicillium digitatum* infection
Name of the conference: Symposium on Biotechnology of temperature fruit crops and tropical species.
Type of participation: 'Participatory - poster
City of event: Daytona,
Date of event: 10/10/2005
End date: 14/10/2005
J. F. Marcos; P. Sánchez-Torres; S. Alamar; L. Zacarías; L. González-Candelas. "Abstracts".
- 83** **Title of the work:** Oxidative processes involved in plant-pathogen interaction
Name of the conference: COST Action 924: Postharvest oxidative stress and fruit quality.
Type of participation: Participatory - oral communication
City of event: Lleida,
Date of event: 29/11/2004
End date: 29/11/2004
L. González-Candelas. "Abstracts".
- 84** **Title of the work:** Una aproximación genómica al estudio de las respuestas de los frutos cítricos a estreses bióticos y abióticos durante la postcosecha
Name of the conference: 3ª Reunión de la Red Valenciana de Genómica y Proteómica.
Type of participation: 'Participatory - poster
City of event: Valencia,
Date of event: 28/10/2004
End date: 28/10/2004



L. González-Candelas; P. Sánchez-Torres; S. Alamar; B. Establés; A. R. Ballester; J. Forment; J. F. Marcos; M. T. Lafuente; L. Zacarías. "Abstracts".

- 85** **Title of the work:** Análisis de molecular de la respuesta de los frutos cítricos frente a la infección por *Penicillium digitatum*.
Name of the conference: XII Congreso de la Sociedad Española de Fitopatología.
Type of participation: 'Participatory - poster
City of event: Lloret de Mar, Girona,
Date of event: 26/09/2004
End date: 01/10/2004
P. Sánchez-Torres; J. F. Marcos; L. González-Candelas. "Abstracts".
- 86** **Title of the work:** Biocontrol de la podredumbre verde de cítricos mediante nuevos aislados de levaduras, solos o en combinación con pequeños péptidos antimicrobianos
Name of the conference: XII Congreso de la Sociedad Española de Fitopatología.
Type of participation: 'Participatory - poster
City of event: Lloret de Mar, Girona,
Date of event: 26/09/2004
End date: 01/10/2004
A. Veyrat; B. López-García; J. F. Marcos; L. González-Candelas. "Abstracts".
- 87** **Title of the work:** Implicación del metabolismo de fenilpropanoides en la inducción de resistencia en los frutos cítricos frente a la infección por *Penicillium digitatum*
Name of the conference: XII Congreso de la Sociedad Española de Fitopatología.
Type of participation: Participatory - oral communication
City of event: Lloret de Mar, Girona,
Date of event: 26/09/2004
End date: 01/10/2004
A. R. Ballester; M. T. Lafuente; L. González-Candelas. "Abstracts".
- 88** **Title of the work:** Genomic approaches to postharvest biotic and abiotic stresses of citrus fruit
Name of the conference: 5th International Postharvest Symposium.
Type of participation: Participatory - oral communication
City of event: Verona, Italy
Date of event: 06/06/2004
End date: 11/06/2004
L. González-Candelas; P. Sánchez-Torres; S. Alamar; B. Establés; A. R. Ballester; M. T. Sánchez-Ballesta; Y. LLuch; M. J. Gosalbes; A. Granell; L. Zacarías; J. F. Marcos; M. T. Lacuente. "Acta Horticulturae".
- 89** **Title of the work:** Understanding the basis of chilling injury in citrus fruit
Name of the conference: 5th International Postharvest Symposium.
Type of participation: Participatory - oral communication
City of event: Verona, Italy
Date of event: 06/06/2004
End date: 11/06/2004
M. T. Lafuente; L. Zacarias; J. M. Sala; M. T. Sánchez-Ballesta; Y. Lluch; M. J. Gosalbes; A. Granell; J. F. Marcos; L. González-Candelas. "Acta Horticulturae".
- 90** **Title of the work:** Proyecto de genómica Funcional de Cítricos. Estado Actual
Name of the conference: VII Reunión de Biología Molecular de Plantas.
Type of participation: Participatory - oral communication



City of event: Benalmádena, Málaga,

Date of event: 03/06/2004

End date: 05/06/2004

Vicente Conejero como coordinador del Proyecto de Genómica Funcional de Cítricos."Abstracts".

91 Title of the work: Control of green mould of citrus fruit by new yeast isolates either alone or in combination with short antifungal peptides

Name of the conference: Internacional Workshop: Development of biocontrol agents of diseases for comercial applications in food production systems..

Type of participation: 'Participatory - poster

City of event: Sevilla,

Date of event: 24/03/2004

End date: 27/03/2004

A. Veyrat; B. López-García; J. F. Marcos; L. González-Candelas. "Abstracts".

92 Title of the work: A citrus functional genomics project in Spain

Name of the conference: X Congress Intern. Soc Citriculture.

Type of participation: 'Participatory - poster

City of event: Agadir, Morocco

Date of event: 15/02/2004

End date: 20/02/2004

V. Conejero; Spanish Citrus Genomics Consortium (<http://citrusgenomics.iata-ibmcp-ivia.upv.es>). "Abstracts".

93 Title of the work: First Results of Functional Studies Using a Genome-Wide Citrus cDNA Microarray

Name of the conference: X Congress Intern. Soc Citriculture.

Type of participation: 'Participatory - poster

City of event: Agadir, Morocco

Date of event: 15/02/2004

End date: 20/02/2004

V. Conejero; Spanish Citrus Genomics Consortium (<http://citrusgenomics.iata-ibmcp-ivia.upv.es>). "Abstracts".

94 Title of the work: International Citrus Genomics Consortium.

Name of the conference: X Congress Intern. Soc Citriculture.

Type of participation: Participatory - oral communication

City of event: Agadir, Morocco

Date of event: 15/02/2004

End date: 20/02/2004

Conejero; V and Spanish Citrus Genomics Consortium (<http://citrusgenomics.iata-ibmcp-ivia.upv.es>). "Proc. Int. Soc. Citricult.". 2004.

95 Title of the work: Role of Biotechnology in Postharvest Research of Citrus.

Name of the conference: X Congress Intern. Soc Citriculture.

Type of participation: Participatory - invited/keynote talk

City of event: Agadir, Morocco

Date of event: 15/02/2004

End date: 20/02/2004

L. Zacarías; M. T. Lafuente; M.J. Rodrigo; J. F. Marcos; L. González-Candelas. "Proc. Int. Soc. Citricult.".



- 96** **Title of the work:** Citrus EST collection and functional studies using a genome-wide citrus cDNA microarray.
Name of the conference: Plant & Animal Genomes XII Conference
Type of participation: Participatory - oral communication
City of event: San Diego, United States of America
Date of event: 10/01/2004
End date: 14/01/2004
Conejero; V and Spanish Citrus Genomics Consortium (<http://citrusgenomics.iata-ibmcp-ivia.upv.es>). "Abstracts".
- 97** **Title of the work:** Inducción de respuestas de defensa en frutos cítricos frente al ataque por *Penicillium digitatum*: análisis bioquímico y molecular.
Name of the conference: XI Congreso de la Sociedad Española de Fitopatología
Type of participation: Participatory - oral communication
City of event: Almería,
Date of event: 14/10/2002
End date: 18/10/2002
A. R. Ballester; P. Sánchez-Torres; J. F. Marcos; M. T. Lafuente; L. González-Candelas. "Abstracts".
- 98** **Title of the work:** La sensibilidad de los péptidos antifúngicos PAF19 y PAF26 se relaciona con la virulencia y especificidad de huésped en hongos patógenos del género *Penicillium*
Name of the conference: XI Congreso de la Sociedad Española de Fitopatología
Type of participation: Participatory - oral communication
City of event: Almería,
Date of event: 14/10/2002
End date: 18/10/2002
B. López-García; A. Veyrat; E. Pérez-Payá; L. González-Candelas; J. F. Marcos. "Abstracts".
- 99** **Title of the work:** Análisis de las bases moleculares de la respuesta a bajas temperaturas en frutos de mandarina 'Fortune' utilizando técnicas de alta capacidad y SSH
Name of the conference: VI Simposio Nacional y III Ibérico de Maduración y Post-Recolección 2002
Type of participation: Participatory - poster
City of event: Madrid,
Date of event: 02/10/2002
End date: 05/10/2002
C. Pons; L. González-Candelas; L. Zacarías; M. T. Lafuente; A. Granell.
- 100** **Title of the work:** Inducción de resistencia en naranjas frente a la infección por *Penicillium digitatum*: análisis bioquímico y molecular
Name of the conference: VI Simposio Nacional y III Ibérico de Maduración y Post-Recolección 2002
Type of participation: Participatory - oral communication
City of event: Madrid,
Date of event: 02/10/2002
End date: 05/10/2002
A. R. Ballester; P. Sánchez-Torres; J. F. Marcos; M. T. Lafuente; L. González-Candelas.
- 101** **Title of the work:** Maturation of loquat fruit (*Eriobotrya japonica* Lindl.) under Spanish growing conditions and its postharvest performance.
Name of the conference: First International Symposium on Loquat
Type of participation: Participatory - oral communication
City of event: Valencia,
Date of event: 11/04/2002



End date: 13/04/2002

L. González-Candelas; M. T. Lafuente; L. Zacarías. "Options Mediterranees (en prensa)".

102 Title of the work: Utilización de péptidos antimicrobianos sintéticos en el control de hongos patógenos de alimentos vegetales.

Name of the conference: XVIII Congreso de la Sociedad Española de Microbiología

Type of participation: Participatory - oral communication

City of event: Alicante,

Date of event: 16/09/2001

End date: 20/09/2001

B. López-García; L. González-Candelas; A. Veyrat; E. Pérez-Payá; J. F. Marcos. "Abstracts".

103 Title of the work: Characterization of the bioactivity against phytopathogenic fungi of novel hexapeptides identified from screening of a synthetic combinatorial library.

Name of the conference: 10th European Congress on Biotechnology

Type of participation: Participatory - oral communication

City of event: Madrid,

Date of event: 08/07/2001

End date: 11/07/2001

B. López-García; L. González-Candelas; A. Veyrat; E. Pérez-Payá; J. F. Marcos. "Abstracts".

104 Title of the work: Caracterización bioquímica y molecular del proceso de infección de manzanas por *Penicillium expansum*.

Name of the conference: V Simposio nacional y II Ibérico de post-recolección de frutos y hortalizas

Type of participation: Participatory - poster

City of event: Tenerife.,

Date of event: 2000

P. Sánchez-Torres; M. Maldonado-Vallejo; M. T. Lacuente; L. González-Candelas. "Abstracts". 2000.

105 Title of the work: Caracterización de un hexapéptido activo frente a hongos fitopatógenos. Tipo de presentación: Oral

Name of the conference: VII Encuentro Peptídico

City of event: Valencia,

Date of event: 2000

B. López-García; L. González-Candelas; E. Pérez-Payá; J. F. Marcos. "Abstracts". 2000.

106 Title of the work: Identification and characterization of an hexapeptide with activity against phytopathogenic fungi that cause postharvest decay in fruits. Tipo de presentación: Póster

Name of the conference: Postharvest 2000: 4th International Conference on postharvest Sciences.

City of event: Jerusalem, Israel

Date of event: 2000

B. López-García; L. González-Candelas; E. Pérez-Payá; J. F. Marcos. "Acta Horticult. 553: 447-448". 2000.

107 Title of the work: Identification of a hexapeptide with specific activity against phytopathogenic fungi. Structural characterization studies

Name of the conference: 26th European Peptide Symposium.

Type of participation: Participatory - poster

City of event: Montpellier, France,

Date of event: 2000

B. López-García; L. González-Candelas; J. F. Marcos; E. Pérez-Payá. "In Peptides 2000". Proceedings of the 26th European Peptide Symposium. Edited by J. Martinez and J.-A. Fehrentz. Montpellier, pp, 677-678.". 2000.



- 108** **Title of the work:** Infección de frutos de manzana por *Penicillium expansum*. aspectos bioquímicos y moleculares de patogénesis y resistencia.
Name of the conference: X Congreso de la Sociedad Española de Fitopatología
Type of participation: 'Participatory - poster
City of event: Valencia.,
Date of event: 2000
P. Sánchez-Torres; M. Maldonado-Vallejo; M. T. Lafuente; L. González-Candelas. "Abstracts". 2000.
- 109** **Title of the work:** Peroxidase, catalase, phenylalanine ammonia-lyase, and lipoxygenase activities in apple fruits infected with *Penicillium expansum*. The influence of high temperature conditioning. Tipo de presentación: Oral
Name of the conference: Postharvest 2000: 4th International Conference on postharvest Sciences
City of event: Jerusalem, Israel
Date of event: 2000
M. Maldonado-Vallejo; M. T. Lafuente; L. González-Candelas. "Abstracts". 2000.
- 110** **Title of the work:** Identificación de un hexapéptido activo frente a hongos fitopatógenos causantes de podredumbre de frutos durante la postcosecha.
Name of the conference: V Reunión de Biología Molecular de Plantas.
Type of participation: 'Participatory - poster
City of event: Alicante.,
Date of event: 1999
B. López-García; L. González-Candelas; E. Pérez-Payá; J. F. Marcos."Abstracts". 1999.
- 111** **Title of the work:** Analysis of expression of the *Aspergillus nidulans* abfB gene encoding an ?-L-arabinofuranosidase..
Name of the conference: Fourth European Conference on Fungal Genetics.
Type of participation: 'Participatory - poster
City of event: León,
Date of event: 1998
M. M. C. Gielkens; L. González-Candelas; P. Sánchez; D. Ramón; L. de Graaff; J. Visser."Abstracts". 1998.
- 112** **Title of the work:** Obtención de una levadura vínica con actividades beta-glicosidasas.
Name of the conference: X Congreso Nacional de Microbiología de los Alimentos..
City of event: Valencia,
Date of event: 1996
D. Ramón; P. Sánchez-Torres; L. González-Candelas."Abstracts". 1996.
- 113** **Title of the work:** Application of recombinant DNA technology to wine yeast strains to achieve specific outcomes.
Name of the conference: 9th Australian Wine Industry Conference
City of event: Adelaide,
Date of event: 1995
D. Ramón; J. A. Pérez-González; L. González-Candelas; R. González; P. Sánchez-Torres; M. A. Ganga; S. Vallés; F. Piñaga; A. Querol."Proceedings of the 9th Australian Wine Industry Conference.". 1995.
- 114** **Title of the work:** Genetic manipulation of the wine yeast strain *Saccharomyces cerevisiae* T73.
Name of the conference: 17th International Conference on Yeast Genetics and Molecular Biology.
Type of participation: 'Participatory - poster
City of event: . Lisboa, Portugal



Date of event: 1995

J. A. Pérez-González; J.E. Pérez-Ortín; A. Querol; R. González; L. González-Candelas; P. Sánchez-Torres; D. Ramón."Yeast 11,". 1995.

- 115 Title of the work:** Microbiología molecular de la levadura vínica.
Name of the conference: XV Congreso de la Sociedad Española de Microbiología.
City of event: Madrid,
Date of event: 1995
D. Ramón; J. A. Pérez-González; L. González-Candelas; P. Sánchez; M. A. Ganga; A. Querol."Abstracts". 1995.
- 116 Title of the work:** Utilización de levaduras recombinantes en microvinificación.
Name of the conference: 3º Simposio de viticultura do Alentejo.
Type of participation: 'Participatory - poster
City of event: Evora, Portugal
Date of event: 1995
M. C. Masqué; M. N. Anglés; J. Valiente; L. González-Candelas; D. Ramón; R. Basualdo; S. Guardiola."Abstracts". 1995.
- 117 Title of the work:** Construction of safe recombinant wine yeast strains.
Name of the conference: OECD Workshop on Safety Evaluation of Foods
City of event: Oxford, United Kingdom
Date of event: 1994
D. Ramón; J. A. Pérez-González; L. González-Candelas; R. González; S. Vallés; F. Piñaga; A. Querol; P. Sánchez; M. V. Gallego; M. D. Calvo; J. E. Pérez-Ortín."Safety evaluation of foods". 1994.
- 118 Title of the work:** Hypercellulolytic transformants of *Trichoderma longibrachiatum* are active in reducing *Pythium* damping-off on cucumber.
Name of the conference: 7th International Symposium on Molecular Plant-Microbe Interactions
City of event: Edinburgh, United Kingdom
Date of event: 1994
Q. Migheli; O. Friard; D. Ramón-Vidal; L. González-Candelas. "Advances in Molecular Genetics of Plant-Microbe interactions, Vol 3. pp 395-398.". 1994.
- 119 Title of the work:** Manipulación genética de *Aspergillus terreus* y *Trichoderma longibrachiatum*.
Name of the conference: Segundo Congreso Nacional de Micología.
Type of participation: 'Participatory - poster
City of event: Santiago de Compostela,
Date of event: 1994
J. A. Pérez-González; L. Ventura; P. Sánchez; L. González-Candelas; R. González; D. Ramón."Abstracts". 1994.
- 120 Title of the work:** Modificación genética de levaduras vínicas industriales
Name of the conference: 9º Congreso de Microbiología de Alimentos
Type of participation: 'Participatory - poster
City of event: Lleida,
Date of event: 1994
D. Ramón; A. Querol; L. González-Candelas; R. González; P. Sánchez; J. A. Pérez-González."Abstracts". 1994.



- 121** **Title of the work:** Molecular cloning, sequencing and transcriptional regulation of the *Aspergillus terreus* gla1 gene.
Name of the conference: 2nd European Conference on Fungal Genetics
Type of participation: 'Participatory - poster
City of event: Lunteren, Holland
Date of event: 1994
L. Ventura; J. A. Pérez-González; L. González-Candelas; D. Ramón. "Abstracts". 1994.
- 122** **Title of the work:** Transcriptional regulation of the *Trichoderma longibrachiatum* egl1 gene.
Name of the conference: 2nd European Conference on Fungal Genetics
Type of participation: 'Participatory - poster
City of event: Lunteren, Holland
Date of event: 1994
L. González-Candelas; R. González; J. A. Pérez-González; D. Ramón. "Abstracts". 1994.
- 123** **Title of the work:** Genetic manipulation of *Aspergillus terreus*
Name of the conference: An international symposium meeting on the biology of *Aspergillus*
Type of participation: 'Participatory - poster
City of event: Kent,
Date of event: 1993
L. Ventura; J. A. Pérez-González; L. González; S. Bort; D. Ramón. "Abstracts". 1993.
- 124** **Title of the work:** Molecular approaches to the production of fungal industrial enzymes.
Name of the conference: E.M.B.O. Workshop on the molecular biology of filamentous fungi
Type of participation: 'Participatory - poster
City of event: Palma de Mallorca,
Date of event: 1993
L. Ventura; R. González; J. A. Pérez-González; L. González-Candelas; D. Ramón. "Abstracts". 1993.
- 125** **Title of the work:** Clonación, caracterización y expresión heteróloga de genes que codifican β -glucosidasas de *Bacillus*.
Name of the conference: XII Congreso Nacional de Microbiología.
Type of participation: 'Participatory - poster
City of event: Pamplona,
Date of event: 1989
L. González; A. Gómez; D. Ramón; J. Polaina; A. Flors. "Abstracts". 1989.
- 126** **Title of the work:** Production by genetic engineering of saccharifying enzymes of use in the food and feed industries.
Name of the conference: Ist Iberoamerican Congress on Biotechnology.
Type of participation: 'Participatory - poster
City of event: La Habana, Cuba
Date of event: 1989
J. Polaina; L. González-Candelas; A. Gómez-Peris; M. J. Gosalbes; A. Navarro; A. Flors. "Abstracts". 1989.
- 127** **Title of the work:** Expresión de una celulasa de *Clostridium cellulolyticum* en *Escherichia coli*.
Name of the conference: XI Congreso Nacional de Microbiología
Type of participation: 'Participatory - poster
City of event: Oviedo,
Date of event: 1987
G. Pérez-Martínez; L. González-Candelas; J. Polaina. "Abstracts". 1987.



- 128** **Title of the work:** High expression of an endocellulase gene from *Clostridium cellulolyticum* in *Escherichia coli*.
Name of the conference: FEMS Symposium on Biochemistry and Genetics of cellulose degradation.
Type of participation: 'Participatory - poster'
City of event: Paris,
Date of event: 1987
J. Polaina; G. Pérez-Martínez; L. González-Candelas; A. Flors."Abstracts". 1987.
- 129** **Title of the work:** Patrones de síntesis proteica durante el desarrollo en glándulas salivares de *Drosophila subobscura* (cepas H271, Ra121 y K228).
Name of the conference: XXIII Jornadas Hispano-Lusas de Genética.
Type of participation: 'Participatory - poster'
City of event: Oviedo,
Date of event: 1986
L. González-Candelas; R. de Frutos. "Abstracts". 1986.
- 130** **Title of the work:** Genic response in induced conditions in *Drosophila subobscura*.
Name of the conference: I Congreso de Biología Celular
Type of participation: 'Participatory - poster'
City of event: Madrid,
Date of event: 1985
L. Pascual; M. Arbona; L. González; R. de Frutos."Abstracts". 1985.
- 131** **Title of the work:** Patterns of protein synthesis in *Drosophila subobscura* during heat shock treatment.
Name of the conference: IXth European *Drosophila* Research Conference
Type of participation: 'Participatory - poster'
City of event: Budapest, Hungary
Date of event: 1985
L. Pascual; L. González; R. de Frutos. "Abstracts". 1985.

R&D management and participation in scientific committees

Organization of R&D activities

Title of the activity: XI Simposio Nacional y VIII Ibérico sobre Maduración y Postcosecha
Type of activity: Miembro del Comité Organizador **Geographical area:** National
City convening entity: Valencia, Spain
Type of participation: Organiser
Nº assistants: 150
Start-End date: 21/10/2014 - 23/10/2014



Evaluation and revision of R&D projects and articles

- 1 Name of the activity:** Comisión de evaluación de proyectos del Área de Ciencias Agrarias del Plan Nacional de I+D
Performed tasks: Evaluador
Entity where activity was carried out: Ministerio de Ciencia e Innovación. Investigación
Type of entity: Subdirección General de Proyectos de Investigación
Access system: Designated by the corresponding party without competition
Geographical area: National
Start date: 2012
- 2 Name of the activity:** Comisión de evaluación de proyectos del Área de Ciencias Agrarias del Plan Nacional de I+D
Performed tasks: Evaluador
Entity where activity was carried out: Ministerio de Economía y Competitividad
Type of entity: Subdirección General de Proyectos de Investigación
Access system: Designated by the corresponding party without competition
Geographical area: National
Start date: 2009

Other achievements

Stays in public or private R&D centres

Entity: Ohio State University
Faculty, institute or centre: Ohio State Biotechnology Center
City of entity: Columbus, Ohio, United States of America
Start-End date: 01/10/1990 - 30/09/1992 **Duration:** 2 years
Goals of the stay: Post-doctoral

Obtained grants and scholarships

- 1 Name of the grant:** Beca Postdoctoral
Aims: Post-doctoral
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
Conferral date: 01/10/1990 **Duration:** 2 years
End date: 30/09/1992
Entity where activity was carried out: Ohio State Biotechnology Center
- 2 Name of the grant:** Beca Formación Personal Investigador
Aims: Pre-doctoral
Awarding entity: MINISTERIO DE EDUCACION Y CIENCIA
Conferral date: 01/01/1987 **Duration:** 3 years - 9 months
End date: 30/09/1990
Entity where activity was carried out: Instituto de Agroquímica y Tecnología de Alimentos



Scientific societies and professional associations

- 1 Name of the society:** Sociedad Española de Microbiología
Start date: 2017
- 2 Name of the society:** Sociedad Española de Fitopatología
Start date: 2004

Co-operation networks

- 1 Name of the network:** RED NACIONAL SOBRE LAS MICOTOXINAS Y HONGOS TOXIGENICOS Y SUS PROCESOS DE DESCONTAMINACION (MICOFOOD)
Identification of the network: AGL2017-90787-REDT
Participating entity/entities: Universidad Complutense de Madrid; Universidad de Extremadura; Universidad de Navarra; Universidad de Santiago de Compostela; Universidad de Zaragoza; Universitat de Lleida; Universitat de València; Consejo Superior de Investigaciones Científicas
Type of entity: University; University; University; University; University; University; University; State agency
Start date: 2018
Duration: 2 years
- 2 Name of the network:** RED NACIONAL SOBRE LAS MICOTOXINAS Y HONGOS TOXIGENICOS Y SUS PROCESOS DE DESCONTAMINACION
Identification of the network: AGL2014-52648-REDT
Participating entity/entities: Universidad Complutense de Madrid; Universidad de Extremadura; Universidad de Navarra; Universidad de Santiago de Compostela; Universidad de Zaragoza; Universitat de Lleida; Universitat de València; Consejo Superior de Investigaciones Científicas
Type of entity: University; University; University; University; University; University; University; State agency
Start date: 2014
Duration: 2 years
- 3 Name of the network:** Red Micelio
Start date: 2012

Prizes, mentions and distinctions

- 1 Description:** Tercer premio a la mejor comunicación en el “International Congress of Postharvest Pathology” celebrado en Lleida del 11 al 14 de Abril de 2011 por la comunicación: A. Crespo-Sempere; López-Perez, M.; P.V. Martínez-Culebras; L. González-Candelas(2011). Green fluorescent protein transformation of *Aspergillus carbonarius* and the use of this marker in infection studies of grapes
Conferral date: 13/04/2011
- 2 Description:** Premio SEF-Phytoma a la mejor comunicación del XII Congreso de la Sociedad Española de Fitopatología celebrado en Lloret de Mar (Girona) del 26 de Septiembre al 1 de Octubre de 2004 por la comunicación: A. Veyrat; B. López-García; J. F. Marcos; L. González-Candelas (2004). Biocontrol de



la podredumbre verde de cítricos mediante nuevos aislados de levaduras, solos o en combinación con pequeños péptidos antimicrobianos

Awarding entity: SOCIEDAD ESPAÑOLA DE FITOPATOLOGIA

Conferral date: 30/09/2004

Periods of research activity

1 Nº of recognized periods: 5

Certifying entity: Ministerio de Educación, Cultura y Deporte **Type of entity:** Agencia Nacional de Evaluación de la Actividad Investigadora

Date of recognition: 31/12/2018

2 Nº of recognized periods: 6

Certifying entity: Consejo Superior de Investigaciones Científicas

Type of entity: State agency

Date of recognition: 31/12/2016