



Ministerio de Economía y Competitividad.

**Secretaría de Estado de Investigación,
Desarrollo e Innovación**

Currículum

Name: MIGUEL ANGEL BLASCO CARLOS

Date: 31/03/2016



Registration number: 04030

Date of fulfillment: 31/03/2016

Surnames: BLASCO CARLOS

Name: MIGUEL ANGEL

ID number: 24365401Y

Date of birth: 07/02/1980

Gender: Male

Current professional status**Organization:** Universitat de València**Faculty, School or Institute:** ERI BIOTECHNOLOGY AND BIOMEDICINE (BIOTECMED)**Dept./Sect./Str. Unit:** ERI BIOTECHNOLOGY AND BIOMEDICINE (BIOTECMED)**Postal address:** C/ Nou, 21, 3 (Sueca - 46410)**Phone number (Add number and extension):** +593969883769.

+34962036821

E-mail: miquelblas@gmail.com – miguel.blasco@uv.es**Professional category and starting date:** INVESTIGADOR EN FORMACION -**Administrative status** Staff Contracted Temporary Scholarship holder Other situation

specify:

Dedication Full time Part time**Academic training**

<u>University Degree</u>	<u>Center</u>	<u>Date</u>
Degree in Biology	Universitat de València	10/09/2003
Degree in Biochemistry	Universitat de València	06/10/2004
Master in Genetics and Biochemistry	Universitat de València	30/11/2006
<u>Doctorate</u>	<u>Center</u>	<u>Date</u>
PhD in Biotechnology	Universitat de València	25/09/2013

Previous scientific and/or teaching activities**Language skills (Regular, Sufficient, Well)**

<u>Language</u>	<u>Speaking</u>	<u>Reading</u>	<u>Writing</u>
Catalan	Well	Well	Well
Spanish	Well	Well	Well
English	Well	Well	Well
French	Sufficient	Sufficient	Regular

Research topics

Short description, using keywords, about your main subject and current research topics

Line: Somatic embryogenesis and breeding in *Pinus pinaster* and *Quercus ilex***Center:** Universitat de València **Dates:** 01/09/2008 - 01/12/2013**Keywords:** 001185 - Research / 002474 - Cryopreservation / 010942 – Bacterial culture / 206693 – Plant propagation / 015227 – Cellular lines culture / 018041 – Growing regulators / 025001 – Somatic embryogenesis / 012333 - Transgenes**Line:** Somatic embryogenesis and breeding in ecuatorian maize**Center:** Universidad Técnica del Norte **Dates:** 15/01/2016 -**Keywords:** 018042 - *In vitro* culture chamber/ 025001 - Somatic embryogenesis / 009582 - Embryogenesis / 022288 – Genetic transformation / 266869 – Transient expression

Participation in funded R+D+I projects from public calls

(national and/or international)

Title of the project / contract: Somatic embryogenesis in ecuadorian maize varieties

Type of contract/Program:

Financing Firm/administration: 12901 - Universidad Técnica del Norte

Institutions participating: ---

Number of the project / contract: --- **Amount:** 12.534,00 **Duration, since:** 2016 **Until:** ---

Main researcher: Miquel Blasco Carlos

Number of researchers participating: 5

Keywords: 010327 – Plant breeding / 018042 - *In vitro* culture chambra / 009582 - Embryogenesis / 025001 – Somatic embryogenesis

Code of the project / contract: 535809 **Order:** 001

Publications or Scientific-technical documents

(Journal publications)

Authors (signature): Humánez A; Blasco M; Brisa C; Segura J; Arrillaga I

Title: Thidiazuron enhances axillary and adventitious shoot proliferation in juvenile explants of Mediterranean provenances of maritime pine *Pinus pinaster*

Journal: 908668 - In Vitro Cellular & Developmental Biology-Plant

Number or authors: 5

Volume: 47 **Number:** --- **Pages, Initial:** 569 **final:** 577 **Year:** 2011 **Place of publication:** ENGLAND **ISSN:** 1054-5476

Key: Article **article code:** 068381 **Order:** 001

Authors (signature): Alicia Humánez; Miquel Blasco; Carmen Brisa; Juan Segura; Isabel Arrillaga

Title: Somatic embryogenesis from different tissues of Spanish populations of maritime pine

Journal: 908244 - Plant Cell Tissue and Organ Culture

Number or authors: 5

Volume: --- **Number:** --- **Pages, Initial:** 1 **final:** 11 **Year:** 2012 **Place of publication:** UNITED STATES **ISSN:** 0167-6857

Key: Other publications in journals **article code:** 087339 **Order:** 002

Authors (signature): Blasco M; Barra A; Brisa C; Corredoira E; Segura J; Toribio M; Arrillaga I

Title: Somatic Embryogenesis in holm oak male catkins

Journal: 908261 - Plant Growth Regulation

Number or authors: 7

Volume: 71 **Number:** --- **Pages, Initial:** 261 **final:** 270 **Year:** 2013 **Place of publication:** NETHERLANDS **ISSN:** 0167-6903

Key: Article **article code:** 087340 **Order:** 003

Authors (signature): Azahara Barra-Jiménez, Miquel Blasco, Mar Ruiz-Galea, Cristina Celestino, Jesús Alegre, Isabel Arrillaga and Mariano Toribio

Title: Cloning mature holm oak trees by somatic embryogenesis.

Journal: 908466 - Trees

Number or authors:

Volume: 28 **Number:** --- **Pages, Initial:** 657 **final:** 667 **Year:** 2014 **Place of publication:** GERMANY **ISSN:** 1432-2285

Key: Article **article code:** 091930 **Order:** 004

Research stays abroad

(longer than 30 days)

Center: Pontificia Universidad Católica de Ecuador - Sede Ibarra

Place: Ibarra **Country:** ECUADOR **Year:** 2015 **Duration:** 3 Months

Issue: University Professor and Research Director

Key: **Contractat

Conference contributions

Authors: Alicia Humanez, Miquel Blasco, Marian Morcillo, Carmen Brisa, Juan Segura, Isabel Arrillaga
Title: Effect of cytokinins on organogenesis in cotyledon nodes and cotyledons of *Pinus pinaster* Aiton
Type of participation: Poster
Conference: VIII Reunión de la Sociedad Española de Cultivo i vitro de Tejidos Vegetales (SECIVTV) 2009
Publication: Abstract pag 53
Number or authors: 7
Location: Murcia, Septiembre 2009 (SPAIN) **Year:** 2009
Code: 059641 **Order:** 001

Authors: Miquel Blasco, Azahara Barra, Carmen Brisa, Juan Segura, Mariano Toribio, Isabel Arrillaga
Title: Somatic embryogenesis induction in oak catkins (*Quercus ilex* L.)
Type of participation: Poster
Conference: IX Reunión de la Sociedad Española de Cultivo in Vitro de Tejidos Vegetales (SECITV)
Publication: Actas de la IX Reunión de la SECIVT. Pag. 62.
Number or authors: 6
Location: Puerto de la Cruz (Tenerife) (SPAIN) **Year:** 2011
Code: 072208 **Order:** 003

Authors: Azahara Barra, Miquel Blasco, Mar Ruiz, Cristina Celestino, Jesús Alegre, Isabel Arrillaga y Mariano Toribio
Title: Inducción de embriogénesis somática y establecimiento en medio líquido de líneas embriogénicas obtenidas de óvulos en desarrollo de encina
Type of participation: Poster
Conference: Sociedad Española de Cultivo In Vitro de Tejidos Vegetales. Novena Reunión.
Publication: Abstract. Pag. 97.
Number or authors: 7
Location: Puerto de la Cruz (Tenerife) (SPAIN) **Year:** 2011
Code: 072209 **Order:** 004

Authors: Alicia Navarro-Marín, Miquel Blasco, Carmen Brisa, Juan Segura, Isabel Arrillaga.
Title: Influence of growth regulators and temperature during the embryogenic process in *Pinus pinaster* .
Type of participation: Poster
Conference: IX Reunión de la Sociedad Española de Cultivo In Vitro de Tejidos Vegetales (SECIVTV)
Publication: Abstract. Pag. 99.
Number or authors: 5
Location: Puerto de la Cruz (Tenerife) (SPAIN) **Year:** 2011
Code: 072210 **Order:** 005

Authors: Blasco Carlos M, Humanez A, Mendoza-Poudereux I, Muñoz-Bertomeu J, Almazán V, Brisa C, Segura J, Arrillaga I
Title: Optimizing DNA delivery on somatic embryogenic tissue of maritime pine
Type of participation: Communication
Conference: XVIII Congress of the federation of European Societies of Plant Biology (FESPB) 2010
Publication: Abstract pag 98
Number or authors: 8
Location: Valencia, Julio 2010 (SPAIN) **Year:** 2010
Code: 071408 **Order:** 006

Authors: Miquel Blasco, Azahara Barra, Carmen Brisa, Juan Segura, Mariano Toribio, Isabel Arrillaga
Title: Somatic embryogenesis induction on male catkins of Holm oak (*Quercus ilex* L.)
Type of participation: Poster
Conference: 2nd. International Conference of the IUFRO WORKING PARTY
Publication: Book of abstracts
Number or authors: 6
Location: Brno (CZECH REPUBLIC) **Year:** 2012
Code: 102155 **Order:** 007

Authors: A Morcillo, M. Blasco, L. Lorenzo, V. Almazán, C. Brisa, J. Segura, I. Arrillaga

Title: Somatic embryogenesis from Spanish provenances of maritime pine

Type of participation: Poster

Conference: 2nd. International Conference of the IUFRO WORKING PARTY 2

Publication: Book of Abstracts

Number or authors: 7

Location: Brno (CZECH REPUBLIC) **Year:** 2012

Code: 102156 **Order:** 008

Authors: A. Barra, M. Blasco, M. Ruiz-Galea, C. Celestino, J. Alegre, I. Arrillaga, M. Toribio

Title: Induction of somatic embryogenesis in developing ovules of *Quercus ilex* L.

Type of participation: Poster

Conference: 2nd. International Conference of the IUFRO WORKING PARTY 2.09.02

Publication: Book of Abstracts

Number or authors: 7

Location: Brno (CZECH REPUBLIC) **Year:** 2012

Code: 102157 **Order:** 009

Authors: Miquel Blasco, Azahara Barra, Carmen Brisa, Juan Segura, Mariano Toribio, Isabel Arrillaga

Title: Somatic embryogenesis induction on male catkins of Holm oak (*Quercus ilex* L.)

Type of participation: Communication

Conference: 2nd. International Conference of the IUFRO WORKING PARTY. Brno- Czech Republic june 25-28-2012

Publication: Proceedings of the IUFRO Working Party 2.09.02 conference on 'Integrating vegetative propagation, biotechnologies and genetic improvement for tree production and sustainable forest management'. Published online: <http://www.iufro20902.org/> pp.143-145

Number or authors: 6

Location: Brno (CZECH REPUBLIC) **Year:** 2012

Code: 097373 **Order:** 009

Authors: Angeles Morcillo, Miquel Blasco, Laura Lorenzo, Vicente Almazán, Carmen Brisa, Juan Segura, Isabel Arrillaga

Title: Somatic embryogenesis from Spanish provenances of maritime pine

Type of participation: Poster

Conference: 2nd International Conference of the IUFRO WORKING PARTY

Publication: Book of abstracts

Number or authors: 7

Location: Brno (CZECH REPUBLIC) **Year:** 2012

Code: 540425 **Order:** 010

Authors: A. Barra, M. Blasco, M. Ruiz-Galea, C. Celestino, J. Alegre, I. Arrillaga, M. Toribio

Title: Induction of somatic embryogenesis in developing ovules of *Quercus ilex* L.

Type of participation: Communication

Conference: 2nd. International Conference of the IUFRO WORKING PARTY- Brno- Czech Republic june 25-28-2012

Publication: Proceedings of the IUFRO Working Party 2.09.02 conference on 'Integrating vegetative propagation, biotechnologies and genetic improvement for tree production and sustainable forest management'. Published online: <http://www.iufro20902.org/> pp.199

Number or authors: 7

Location: Brno (CZECH REPUBLIC) **Year:** 2012

Code: 097374 **Order:** 011

Supervised Ph.D.-Theses

Title: Applications of somatic embryogenesis for propagation and conservation of *Quercus ilex* L. y *Pinus* spp.
Author: Miquel Angel Blasco Carlos
University: Valencia
Faculty / School: Farmacia/Biológicas
Year: 2013 **Mark:** Suitable cum laude **Key:** PhD

Participation in Committees and International Delegations

Committee title: Ninth call for scientific research projects , experimental development and technological research
Organization which runs it: 12900 - Pontificia Universidad Católica de Ecuador - Sede Ibarra
Issue: Research proposals of University Professors Researchers
Start date: 16/11/2015

Experience in R+D+I Management

Management of programmes, schemes and R+D+I actions

Title: Ninth call for scientific research projects , experimental development and technological research
Activity model: University Professors research projects Evaluator
Year: 2015

Other important activities

Activity: Negotiation Techniques
Dates: 10/09/2007 - 17/09/2007
Scope: National
Classification: Courses and Seminars - Received

Activity: Course of Molecular Evolution, Phylogenetic and Phylogenomics
Dates: 15/05/2006 - 19/05/2006
Scope: National
Classification: Courses and Seminars - Received

Activity: I National Identity and Psychology Conferences
Dates: 26/11/2004 - 27/11/2004
Scope: National
Classification: Courses and Seminars - Received

Activity: Pedagogical Aptitude Course
Dates: 2003 - 03/06/2004
Scope: Local
Classification: Courses and Seminars - Received

Activity: Hepatitis C virus infection: understanding and treatment
Dates: 19/09/2002 - 21/09/2002
Scope: National
Classification: Courses and Seminars - Received

Activity: Understanding and treatment of eating disorders
Dates: 10/07/2002 - 12/07/2002
Scope: National
Classification: Courses and Seminars - Received

Activity: The world of microorganisms
Dates: 16/07/2001 - 20/07/2001
Scope: National
Classification: Courses and Seminars - Received

Activity: Third European Seminar on marine mammals: biology and conservation
Dates: 11/09/2000 - 15/09/2000
Scope: International
Classification: Courses and Seminars - Received

Other merits, achievements or comments you want to certify

Merits related to quality and dissemination of research activity results

TALKS ON SCIENTIFIC CONFERENCE: ' Human Genome: history, present and future ' Centre Cultural Jaume I-Ribera Baixa 10 Octubre del 2009 - SPAIN

TALKS ON SCIENTIFIC CONFERENCE: ' Yes or no to the use of GMOs for human consumption ' Centre Cultural Jaume I-Ribera Baixa 20 de novembre del 2009 - SPAIN