



## **Amparo Monfort Vives**

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## Summary of CV

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

Amparo Monfort is Research Scientist of IRTA, since 2002, working at Centre for Research in Agricultural Genomics CSIC-IRTA-UAB-UB. After November 2015 she will be Head of the Genomics and Biotechnology Programme at IRTA. I am a Biologist specialized in Biochemistry (University of Barcelona, 1982) and PhD in Sciences, Plant Genetics (Neuchâtel University, Switzerland, 1990). I have conducted postdoc research at the Molecular Biology Institute of Barcelona (IBMB-CSIC, 1992-2002). I have been awarded with the Doctor INIA fellowship (Spanish Ministry of Science and Innovation) and the Scientific Career Excellence by the I3 Evaluation Program (Spanish Ministry of Science and Innovation).

Regarding my academic activities, I have taught at several universities: Universitat de Barcelona, Universitat Autònoma de Barcelona, Mediterranean Agronomic Institute (Zaragoza, Spain and Hania, Greece), and the Neuchâtel University (Switzerland).

Since 2003 I am IP of five Spanish National Grants.

I have led four doctoral thesis and 12 Master thesis since 2000.

My Research now is focus in strawberry genomics, developing genetic markers linked to QTLs of health/nutritional traits for optimizing breeding programs and for producing fruits rich in health compounds.

Previous projects have developed genetic tools in cultivated strawberry (*Fragaria x ananassa*) using as a model a diploid species (*F. vesca*). An exhaustive fruit nutritional quality characterization is being done in a Near Isogenic Line (NIL) collection in wild strawberry and in a F2 population of cultivated strawberry segregating for fruit quality parameters. We are developing a saturated map of SNPs using a NGS approach in *F. x ananassa*. Marker information and phenotypic data will be combined to detect QTLs for healthy compounds content in fruits, allowing the detection of markers suitable for MAS.

Expertise: Molecular marker development (RFLPs, SSRs, SNPs), construction of linkage maps in polyploids and diploids, bin mapping, comparative mapping, physical map, sequence by NGS, map based cloning, marker-assisted selection, QTL analysis of fruit quality and resistance traits.

## 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.

<b>Total Articles in (Scopus):</b>	<b>45</b>
<b>h-index:</b>	<b>23</b>
<b>Articles 2009-2018:</b>	<b>15</b>
<b>Articles With Citation Data:</b>	<b>39</b>
<b>Sum of the Times Cited:</b>	<b>2953</b>
<b>Average Citations per Article:</b>	<b>75.72</b>

**Articles 2009-2018 in Q1:** 15

Last Updated: 15/06/2018

**ResearcherID:** <http://www.researcherid.com/rid/K-1356-2015>

**ORCID:** <http://orcid.org/0000-0001-7106-7745>

<http://www.cragenomica.es/staff/detail/amparo-monfort>

Participation in Euglena gracillis chloroplast genome sequencing project: Nucleic Acid Research 1993.

Deciphering the first MITE repetitive family in Arabidopsis: Plant Journal 1998

Participation in Arabidopsis genome sequencing European projects: 3 publications Nature 1998, 1999, and 2000.

Participation in Strawberry genome sequencing: Nature Genetics 2011

Working in melon we have generated the first BAC library in melon: Plant Molecular Biology, 2003

In strawberry with the first projects as IP, I collaborate to construct the first genetic diploid (TAG, 2006) and octoploid map (Genetics 2008) and to establish the first synteny inside Rosaceae family (BMC Plant Biology 2008).

Recently the first NILs collection in strawberry has been generated (TAG 2015) and volatile and nutritional quality analyzed (Plant Science 2016, PPB 2017). This work has generated also international collaborations (BMC 2015, The Plant Cell 2017, ).

I have supervised 4 PhD theses and 9 Master thesis over last 10 years in strawberry.



CURRÍCULUM VÍTAE NORMALIZADO

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## Amparo Monfort Vives

Surname(s): **Monfort Vives**  
Name: **Amparo**  
ORCID: **0000-0001-7106-7745**  
ResearcherID: **K-1356-2015**

### Current professional situation

**Employing entity:** INSTITUT DE RECERCA I TECNOLOGIA AGROALIMENTARIES (IRTA)  
**Department:** Center of Research in Agrigenomics CSIC-IRTA-UAB-UB  
**Professional category:** Head of Genomics and Biotechnology IRTA Program  
**Start date:** 01/11/2015

**Employing entity:** INSTITUT DE RECERCA I TECNOLOGIA AGROALIMENTARIES (IRTA)  
**Professional category:** Investigador  
**Start date:** 05/2002  
**Type of contract:** Permanent employment contract

### Previous positions and activities

	Employing entity	Professional category	Start date
1	Instituto de Biología Molecular de Barcelona - CSIC	investigador postdoctoral	01/1996
2	Centro de Investigación y Desarrollo - CSIC	investigador postdoctoral	01/1994
3	Centro de Investigación y Desarrollo - CSIC	becario postdoctoral	11/1991
4	Universidad de Neuchatel, Suiza	Doctorando	01/1985

**1** **Employing entity:** Instituto de Biología Molecular **Type of entity:** Public Research Body de Barcelona - CSIC  
**Professional category:** investigador postdoctoral  
**Start-End date:** 01/1996 - 04/2002 **Duration:** 6 years - 3 months  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)  
**Field of management activity:** Public Research Body

**2** **Employing entity:** Centro de Investigación y Desarrollo - CSIC  
**Professional category:** investigador postdoctoral  
**Start-End date:** 01/1994 - 12/1995 **Duration:** 2 years  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)



- 3** **Employing entity:** Centro de Investigación y Desarrollo - CSIC  
**Professional category:** becario postdoctoral  
**Start-End date:** 11/1991 - 10/1993                      **Duration:** 2 years  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)
  
- 4** **Employing entity:** Universidad de Neuchatel,                      **Type of entity:** University  
Suiza  
**Professional category:** Doctorando  
**Start-End date:** 01/1985 - 06/1990                      **Duration:** 5 years - 5 months  
**Type of contract:** Grant-assisted student (pre or post-doctoral, others)



## Education

### University education

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

**University degree:** Higher degree

**Name of qualification:** Licenciado en Biología

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

**Date of qualification:** 06/1982

#### Doctorates

**Doctorate programme:** Doctor en Ciències

**Degree awarding entity:** Université Neuchâtel, Suiza      **Type of entity:** University

**Date of degree:** 09/06/1990

### Language skills

Language	Listening skills	Reading skills	Spoken interaction	Speaking skills	Writing skills
English	C1	C1	C1	C1	C1
French	C2	C2	C2	C1	C1
Catalan	C2	C2	C2	C2	C1
Spanish	C2	C2	C2	C2	C2

## Teaching experience

### Experience supervising doctoral thesis and/or final year projects

- Project title:** Fragaria vesca NIL collection: Development and Genetic Characterization of agronomical, Nutritional and Organoleptic traits

**Type of project:** Doctoral thesis

**Entity:** Universitat Autònoma de Barcelona      **Type of entity:** University

**Student:** Maria Urrutia Rosauro

**Obtained qualification:** Excellent Cum Laude

**Date of reading:** 08/10/2015

**European doctorate:** Yes

**Quality recognition:** Yes
- Project title:** Identification of haplotypes in octoploid strawberry (Fragaria x ananassa) cultivars using ISTRW90 SNP Array data

**Type of project:** Tesis de Máster dirigida



**Entity:** Universitat Autònoma de Barcelona  
**Student:** Miriam Payá Milans  
**Date of reading:** 21/07/2015

**Type of entity:** University

- 3** **Project title:** Improvement of Fragaria NIL collection by marker-assisted selection and phenotyping of novel traits  
**Type of project:** Tesis de Máster dirigidas  
**Entity:** Universitat Autònoma de Barcelona  
**Student:** Katie Elizabeth Taris  
**Date of reading:** 14/07/2015

**Type of entity:** University

- 4** **Project title:** Study of markers association with continuous and early flowering characters in strawberry  
**Type of project:** Tesis de Máster dirigida  
**Entity:** Universitat de Lleida  
**Student:** Meltem Berber  
**Date of reading:** 15/07/2014

**Type of entity:** University

- 5** **Project title:** Increasing strawberry (Fragaria x ananassa) polyphenol content  
**Type of project:** Tesis de Máster dirigida  
**Entity:** Universidade de Tras-os-Montes et alto Douro, Vila Real, Portugal  
**Student:** Octavio Manuel Ribeiro Serra  
**Date of reading:** 29/09/2013

**Type of entity:** University

- 6** **Project title:** Analyse d'une collection de nils de fraise diploïde. Obtention du profil genetique des lignees et caracterisation phenotypique  
**Type of project:** Tesis de Máster dirigida  
**Entity:** Université Pierre et Marie Curie, Paris  
**Student:** Isabelle Follon  
**Date of reading:** 09/2012

**Type of entity:** University

- 7** **Project title:** Construcció d'un mapa genètic i estudi de lligament genètic en Rubus idaeus L.  
**Type of project:** Tesis de Máster dirigida  
**Entity:** Universitat Autònoma de Barcelona  
**Student:** José Manuel Hidalgo López  
**Date of reading:** 06/2012

**Type of entity:** University

- 8** **Project title:** Ampliación de la colección de NILs en Fragaria vesca y fenotipado y caracterización de la misma  
**Type of project:** Tesis de Máster dirigida  
**Entity:** Universitat Autònoma de Barcelona  
**Student:** Maria Urrutia Rosauo  
**Date of reading:** 12/09/2011

**Type of entity:** University

- 9** **Project title:** Construcció d'un mapa genètic de gerd vermell europeu (Rubus idaeus L.) basat en microsatèl·lits  
**Type of project:** Tesis de Máster dirigida  
**Entity:** Universitat Autònoma de Barcelona  
**Student:** Maria Blasi Fornaguera  
**Date of reading:** 12/09/2011

**Type of entity:** University

- 10** **Project title:** Desarrollo y Caracterización de herramientas genómicas en Fragaria diploide para la mejora del cultivo de fresa  
**Type of project:** Doctoral thesis





**Entity:** Universitat Autònoma de Barcelona  
**Student:** Julio Bonet Gigante  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 17/12/2010

**Type of entity:** University

**11 Project title:** Développement d'une collection de NILs de fraise diploïde

**Type of project:** Tesis de Máster dirigida  
**Entity:** Université Pierre et Marie Curie, Paris  
**Student:** David Bergerac  
**Date of reading:** 09/2009

**Type of entity:** University

**12 Project title:** Mapeo de genes candidatos para la calidad del fruto en Fragaria diploide

**Type of project:** Tesis de Máster dirigida  
**Entity:** Universitat Autònoma de Barcelona  
**Student:** Julio Bonet Gigante  
**Date of reading:** 09/2007

**Type of entity:** University

**13 Project title:** Anàlisi molecular del genoma de Cucumis melo en regions seleccionades per la presencia de gens de resistencia a patògens

**Type of project:** Doctoral thesis  
**Entity:** Universitat de Barcelona  
**Student:** Johannes van Leeuwen  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 06/2004

**Type of entity:** University

**14 Project title:** Desarrollo de nuevos marcadores de tipo PCR en fresa (Fragaria x ananassa)

**Type of project:** Tesis de Máster dirigida  
**Entity:** Universitat de Barcelona  
**Student:** Clàudia Vidal  
**Date of reading:** 04/09/2003

**Type of entity:** University

**15 Project title:** Elaboración de un catálogo d'ESTs de melón y Análisis "in silico" de la sintenia entre Cucumis melo y Arabidopsis thaliana

**Type of project:** Tesis de Máster dirigida  
**Entity:** Universitat de Barcelona  
**Student:** Núria Sànchez Coll  
**Date of reading:** 02/2002

**Type of entity:** University

**16 Project title:** Anàlisi de l'estructura genòmica d'Arabidopsis thaliana

**Type of project:** Doctoral thesis  
**Entity:** Universitat de Barcelona  
**Student:** Elena Casacuberta Suñer  
**Obtained qualification:** Excellent Cum Laude  
**Date of reading:** 01/2000

**Type of entity:** University



## Scientific and technological experience

### Scientific or technological activities

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

- 1** **Name of the project:** Análisis Genético del aroma de las fresas silvestre y cultivada: desarrollo de marcadores moleculares para su selección en fresa cultivada  
**Entity where project took place:** INSTITUT DE RECERCA I TECNOLOGIA AGROALIMENTARIES (IRTA)  
**City of entity:** Bellaterra, Catalonia, Spain  
**Nº of researchers:** 2  
**Funding entity or bodies:**  
MEC, Plan Estatal I+D+I 2013-2016, RTA2013-00010-00-00  
**Type of participation:** Principal investigator  
**Start-End date:** 10/2014 - 09/2017
- 2** **Name of the project:** Análisis Genético de los Caracteres de Calidad Nutricional de Fruto en Fresa Silvestre y Cultivada  
**Entity where project took place:** CONSORCI CSIC-IRTA-UAB CENTRE DE RECERCA EN AGRIGENOMICA (CRAG)  
**City of entity:** Bellaterra, Catalonia, Spain  
**Funding entity or bodies:**  
MICINN, Plan Nacional , AGL2010-21414 (subprograma AGR)  
**Type of participation:** Principal investigator  
**Start-End date:** 2011 - 2013
- 3** **Name of the project:** Genetical Genomics for improving strawberry fruit nutritional quality  
**Type of project:** Basic research (including archaeological digs, etc)  
**Entity where project took place:** CONSORCI CSIC-IRTA-UAB CENTRE DE RECERCA EN AGRIGENOMICA (CRAG)  
**City of entity:** Bellaterra, Catalonia, Spain  
**Funding entity or bodies:**  
KBBE 2008  
**Type of participation:** Principal investigator  
**Start-End date:** 2009 - 2012
- 4** **Name of the project:** Genetical Genomics for improving strawberry fruit nutritional quality II  
**Entity where project took place:** CONSORCI CSIC-IRTA-UAB CENTRE DE RECERCA EN AGRIGENOMICA (CRAG)  
**City of entity:** Bellaterra, Catalonia, Spain  
**Funding entity or bodies:**  
MICINN, Plan Nacional , Euroinvestigación EU2008-3770  
**Start-End date:** 2009 - 2012



- 5** **Name of the project:** Uso de los marcadores moleculares para la construcción de una colección de líneas casi isogénicas en Fresa diploide (*Fragaria vesca*) y la comparación de los genomas de *Fragaria* y *Prunus*  
**Entity where project took place:** INSTITUT DE RECERCA I TECNOLOGIA AGROALIMENTARIES (IRTA)  
**City of entity:** Cabrils, Catalonia, Spain  
**Funding entity or bodies:**  
MCyT RTA2007-00063  
**Type of participation:** Principal investigator  
**Start-End date:** 04/09/2007 - 03/09/2010
- 6** **Name of the project:** Análisis del genoma octoploide del fresón cultivado (*Fragaria x ananassa*). Comparación con dos genomas diploides próximos: *F. Vesca* y *Prunus*  
**Entity where project took place:** INSTITUT DE RECERCA I TECNOLOGIA AGROALIMENTARIES (IRTA)  
**City of entity:** Cabrils, Catalonia, Spain  
**Funding entity or bodies:**  
MCyT AGL2003-04691 / AGR  
**Start-End date:** 01/12/2003 - 30/11/2006
- 7** **Name of the project:** Mapado de alta resolución de genes de resistencia a enfermedades del melón: primera fase del proyecto genómico de esta especie".  
**Entity where project took place:** Instituto de Biología Molecular de Barcelona, CSIC  
**Funding entity or bodies:**  
Fondos Feder UE (2FD97-0286-C02-01)  
**Start-End date:** 01/1999 - 12/2000
- 8** **Name of the project:** EU sequencing on *Arabidopsis* chromosome 3".  
**Entity where project took place:** Instituto de Biología Molecular de Barcelona, CSIC  
**Nº of researchers:** 2  
**Funding entity or bodies:**  
CICYT (BIO98-1838-CE).  
**Start-End date:** 1999 - 2000
- 9** **Name of the project:** *Arabidopsis* Genome Project"  
**Entity where project took place:** Instituto de Biología Molecular de Barcelona, CSIC  
**Nº of researchers:** 2  
**Funding entity or bodies:**  
UE BIOTECH (CT960338)  
**Start-End date:** 1996 - 1998
- 10** **Name of the project:** "European Scientists Sequencing *Arabidopsis* (ESSA)".  
**Entity where project took place:** Instituto de Biología Molecular de Barcelona, CSIC  
**Funding entity or bodies:**  
CEE" (BI02-CT93-0075).  
**Start-End date:** 1993 - 1996
- 11** **Name of the project:** Marcadores genéticos y procesos moleculares implicados en la embriogénesis del maíz".  
**Entity where project took place:** Instituto de Biología Molecular de Barcelona, CSIC  
**Funding entity or bodies:**



DGICYT (PB90-0129 del PSPGC)

**Start-End date:** 1991 - 1993

**12 Name of the project:** "Caracterización du genome du chloroplaste de l'alge Euglena gracillis". Entidad financiadora:

**Entity where project took place:** Université de Neuchâtel

**City of entity:** Neuchâtel, Switzerland

**Funding entity or bodies:**

"Fonds National Suisse de Recherche Experimental".

**Start-End date:** 1985 - 1990

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

**1 Name of the project:** Asistencia con marcadores para la mejora de especies frutales - PLANASA

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

**Nº of researchers:** 4

**Participating entity/entities:** INSTITUT DE RECERCA I TECNOLOGIA AGROALIMENTARIES (IRTA)

**Funding entity or bodies:**

PLANTAS DE NAVARRA, S.A.

**City funding entity:** Spain

**Start date:** 2017

**Duration:** 4 years

**Total amount:** 502.000 €

**2 Name of the project:** Asistencia con marcadores para la mejora de especies frutales - PLANASA

**Participating entity/entities:** INSTITUT DE RECERCA I TECNOLOGIA AGROALIMENTARIES (IRTA)

**Funding entity or bodies:**

PLANTAS DE NAVARRA, S.A.

**City funding entity:** Spain

**Start date:** 2013

**Duration:** 4 years

**Total amount:** 458.000 €

**3 Name of the project:** Asistencia con marcadores para la mejora de especies frutales - PLANASA

**Name principal investigator (PI, Co-PI...):** Pere Arús

**Participating entity/entities:** INSTITUT DE RECERCA I TECNOLOGIA AGROALIMENTARIES (IRTA)

**Funding entity or bodies:**

PLANTAS DE NAVARRA, S.A.

**City funding entity:** Spain

**Start date:** 2008

**Duration:** 4 years

**4 Name of the project:** Marcadores moleculares para la mejora del fresón - PLANASA

**Name principal investigator (PI, Co-PI...):** Pere Arús

**Participating entity/entities:** INSTITUT DE RECERCA I TECNOLOGIA AGROALIMENTARIES (IRTA)

**Funding entity or bodies:**

PLANTAS DE NAVARRA, S.A.

**City funding entity:** Spain

**Start date:** 2003

**Duration:** 6 years



## Scientific and technological activities

### Scientific production

#### Publications, scientific and technical documents

- 1** Rubina Jibran; Jessica Spencer; Gina Fernandez; Amparo Monfort; Mourad Mnejja; Helge Dzierzon; Jibran Tahir; Kevin Davies; David Chagné; Toshi M. Foster. Two Loci, RiAF3 and RiAF4, Contribute to the Annual-Fruiting Trait in Rubus. *Frontiers in Plant Science*. 25/10/2019. Available on-line at: <<https://doi.org/10.3389/fpls.2019.01341>>.  
**Type of production:** Scientific paper  
**Corresponding author:** Yes
- 2** Zingaretti Laura; Monfort Amparo; Perez-Enciso Miguel. pSBVB: a versatile simulation tool to evaluate genomic selection in polyploid species. *G3 Genes, Genomes, Genetics*. <https://doi.org/10.1534/g3.118.200942>, 2019. Available on-line at: <<https://doi.org/10.1534/g3.118.200942>>.  
**Type of production:** Scientific paper  
**Format:** Scientific and technical document or report
- 3** Genetic analysis of the wild strawberry (*Fragaria vesca*) volatile composition. *Plant physiology and biochemistry : PPB*. 10/2017. Available on-line at: <<http://europepmc.org/abstract/med/29100102>>.  
**Type of production:** Scientific paper  
**Format:** Journal
- 4** Tracey Tenreira; Maria João Pimenta Lange; Theo Lange; Cécile Bres; Marc Labadie; Amparo Monfort; Michel Hernould; Christophe Rothan; Béatrice Denoyes. A Specific Gibberellin 20-Oxidase Dictates the Flowering-Runnering Decision in Diploid Strawberry. *The Plant Cell*. 09/2017.  
**Type of production:** Scientific paper  
**Format:** Journal
- 5** Verma S; Bassil Nahla V; Van de Weg Eric; Harrison Richard J; Monfort Amparo; Hidalgo Jose Manuel; Amaya Iraida; Denoyes Beatrice; Mahoney Lisa L; Davis Thomas M; Fan Z; Knapp S; Whitaker V M. Development and evaluation of the Axiom® IStraw35 384HT array for the allo-octoploid cultivated strawberry *Fragaria ×ananassa*. *Acta Horticulturae*. 1156, pp. 75 - 81. 2017. Available on-line at: <<http://dx.doi.org/10.17660/ActaHortic.2017.1156.10>>.  
**Type of production:** Scientific paper  
**Format:** Journal  
**Corresponding author:** No
- 6** Denoyes Beatrice; Amaya I; Liston A; Tennesen J; Ashman T L; Whitaker V M; Hytönen T.; Van de Weg Eric; Osorio Sonia; Folta Kevin M; Slovin Janet; Harrison Richard J; Monfort Amparo; Bassil Nahla V. Genomics tools available for unravelling mechanisms underlying agronomical traits in strawberry with more to come. *Acta Horticulturae*. 1156, pp. 13 - 24. 2017. Available on-line at: <<http://dx.doi.org/10.17660/ActaHortic.2017.1156.3>>.  
**Type of production:** Scientific paper  
**Corresponding author:** No
- 7** Urrutia, Maria; Schwab, Wilfried; Hoffmann, Thomas; Monfort, Amparo. Genetic dissection of the (poly)phenol profile of diploid strawberry (*Fragaria vesca*) fruits using a NIL collection. *PLANT SCIENCE*. 242, pp. 151 - 168. ELSEVIER IRELAND LTD, 01/01/2016. ISSN 0168-9452  
**Type of production:** Scientific paper  
**Format:** Journal  
**Source of citations:** WOS  
**Citations:** 0



- 8** Urrutia, Maria; Bonet, Julio; Arus, Pere; Monfort, Amparo. A near-isogenic line (NIL) collection in diploid strawberry and its use in the genetic analysis of morphologic, phenotypic and nutritional characters. THEORETICAL AND APPLIED GENETICS. 128 - 7, pp. 1261 - 1275. SPRINGER, 01/07/2015. ISSN 0040-5752, ISSN 1432-2242  
**Type of production:** Scientific paper **Format:** Journal  
**Source of citations:** WOS **Citations:** 0
- 9** Bassil, Nahla V.; Davis, Thomas M.; Zhang, Hailong; Ficklin, Stephen; Mittmann, Mike; Webster, Teresa; Mahoney, Lise; Wood, David; Alperin, Elisabeth S.; Rosyara, Umesh R.; Putten, Herma Koehorst-vanc; Monfort, Amparo; Sargent, Daniel J.; Amaya, Iraida; Denoyes, Beatrice; Bianco, Luca; van Dijk, Thijs; Pirani, Ali; Iezzoni, Amy; Main, Dorrie; Peace, Cameron; Yang, Yilong; Whitaker, Vance; Verma, Sujeet; Bellon, Laurent; Brew, Fiona; Herrera, Raul; de Weg, Eric van. Development and preliminary evaluation of a 90 K Axiom (R) SNP array for the allo-octoploid cultivated strawberry *Fragaria x ananassa*. BMC GENOMICS. 16, BIOMED CENTRAL LTD, 07/03/2015. ISSN 1471-2164  
**Type of production:** Scientific paper **Format:** Journal  
**Source of citations:** WOS **Citations:** 0
- 10** Ring, Ludwig; Yeh, Su-Ying; Huecherig, Stephanie; Hoffmann, Thomas; Blanco-Portales, Rosario; Fouche, Mathieu; Villatoro, Carmen; Denoyes, Beatrice; Monfort, Amparo; Caballero, Jose Luis; Munoz-Blanco, Juan; Gershenson, Jonathan; Schwab, Wilfried. Metabolic Interaction between Anthocyanin and Lignin Biosynthesis Is Associated with Peroxidase FaPRX27 in Strawberry Fruit. PLANT PHYSIOLOGY. 163 - 1, pp. 43 - 60. AMER SOC PLANT BIOLOGISTS, 01/09/2013. ISSN 0032-0889  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** Science Edition - PLANT SCIENCES  
**Impact index in year of publication:** 7.394 **Journal in the top 25%:** Yes  
**Position of publication:** 6 **No. of journals in the cat.:** 199  
**Source of citations:** WOS **Citations:** 10
- 11** Molina-Hidalgo, Francisco J.; Franco, Antonio R.; Villatoro, Carmen; Medina-Puche, Laura; Mercado, Jose A.; Hidalgo, Miguel A.; Monfort, Amparo; Luis Caballero, Jose; Munoz-Blanco, Juan; Blanco-Portales, Rosario. The strawberry (*Fragariaananassa*) fruit-specific rhamnogalacturonate lyase 1 (FaRGLyase1) gene encodes an enzyme involved in the degradation of cell-wall middle lamellae. JOURNAL OF EXPERIMENTAL BOTANY. 64 - 6, pp. 1471 - 1483. OXFORD UNIV PRESS, 01/04/2013. ISSN 0022-0957  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** Science Edition - PLANT SCIENCES  
**Impact index in year of publication:** 5.794 **Journal in the top 25%:** Yes  
**Position of publication:** 11 **No. of journals in the cat.:** 199  
**Source of citations:** WOS **Citations:** 10
- 12** Palauelmas, M.; Mele, E.; Monfort, A.; Serra, J.; Salvia, J.; Messeguer, J. Assessment of the influence of field size on maize gene flow using SSR analysis. TRANSGENIC RESEARCH. 21 - 3, pp. 471 - 483. SPRINGER, 01/06/2012. ISSN 0962-8819  
**Type of production:** Scientific paper **Format:** Journal  
**Impact source:** ISI **Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Impact index in year of publication:** 2.609 **Journal in the top 25%:** No  
**Position of publication:** 162 **No. of journals in the cat.:** 290  
**Impact source:** ISI **Category:** Science Edition - BIOCHEMICAL RESEARCH METHODS  
**Impact index in year of publication:** 2.609 **Journal in the top 25%:** No

**Position of publication:** 31**Impact source:** ISI**Impact index in year of publication:** 2.609**Position of publication:** 56**Source of citations:** WOS**No. of journals in the cat.:** 75**Category:** Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 160**Citations:** 1

- 13** Zorrilla-Fontanesi, Yasmin; Cabeza, Amalia; Torres, Ana M.; Botella, Miguel A.; Valpuesta, Victoriano; Monfort, Amparo; Sanchez-Sevilla, Jose F.; Amaya, Iraida. Development and bin mapping of strawberry genic-SSRs in diploid *Fragaria* and their transferability across the *Rosoideae* subfamily. *MOLECULAR BREEDING*. 27 - 2, pp. 137 - 156. SPRINGER, 01/02/2011. ISSN 1380-3743

**Type of production:** Scientific paper**Impact source:** ISI**Impact index in year of publication:** 2.852**Position of publication:** 2**Impact source:** ISI**Impact index in year of publication:** 2.852**Position of publication:** 38**Impact source:** ISI**Impact index in year of publication:** 2.852**Position of publication:** 67**Impact source:** ISI**Impact index in year of publication:** 2.852**Position of publication:** 7**Source of citations:** WOS**Format:** Journal**Category:** Science Edition - HORTICULTURE**Journal in the top 25%:** Yes**No. of journals in the cat.:** 32**Category:** Science Edition - PLANT SCIENCES**Journal in the top 25%:** Yes**No. of journals in the cat.:** 190**Category:** Science Edition - GENETICS & HEREDITY**Journal in the top 25%:** No**No. of journals in the cat.:** 158**Category:** Science Edition - AGRONOMY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 80**Citations:** 11

- 14** Shulaev, Vladimir; Sargent, Daniel J.; Crowhurst, Ross N.; Mockler, Todd C.; Folkerts, Otto; Delcher, Arthur L.; Jaiswal, Pankaj; Mockaitis, Keithanne; Liston, Aaron; Mane, Shrinivasrao P.; Burns, Paul; Davis, Thomas M.; Slovin, Janet P.; Bassil, Nahla; Hellens, Roger P.; Evans, Clive; Harkins, Tim; Kodira, Chinnappa; Desany, Brian; Crasta, Oswald R.; Jensen, Roderick V.; Allan, Andrew C.; Michael, Todd P.; Setubal, Joao Carlos; Celton, Jean-Marc; Rees, D. Jasper G.; Williams, Kelly P.; Holt, Sarah H.; Rojas, Juan Jairo Ruiz; Chatterjee, Mithu; Liu, Bo; Silva, Herman; Meisel, Lee; Adato, Avital; Filichkin, Sergei A.; Troglio, Michela; Viola, Roberto; Ashman, Tia-Lynn; Wang, Hao; Dharmawardhana, Palitha; Elser, Justin; Raja, Rajani; Priest, Henry D.; Bryant, Douglas W., Jr.; Fox, Samuel E.; Givan, Scott A.; Wilhelm, Larry J.; Naithani, Sushma; Christoffels, Alan; Salama, David Y.; Carter, Jade; Girona, Elena Lopez; Zdepski, Anna; Wang, Wenqin; Kerstetter, Randall A.; Schwab, Wilfried; Korban, Schuyler S.; Davik, Jahn; Monfort, Amparo; Denoyes-Rothan, Beatrice; Arus, Pere; Mittler, Ron; Flinn, Barry; Aharoni, Asaph; Bennetzen, Jeffrey L.; Salzberg, Steven L.; Dickerman, Allan W.; Velasco, Riccardo; Borodovsky, Mark; Veilleux, Richard E.; Folta, Kevin M. The genome of woodland strawberry (*Fragaria vesca*). *NATURE GENETICS*. 43 - 2, pp. 109 - 116. NATURE PUBLISHING GROUP, 01/02/2011. ISSN 1061-4036

**Type of production:** Scientific paper**Impact source:** ISI**Impact index in year of publication:** 35.532**Position of publication:** 2**Source of citations:** WOS**Format:** Journal**Category:** Science Edition - GENETICS & HEREDITY**Journal in the top 25%:** Yes**No. of journals in the cat.:** 158**Citations:** 325

- 15** Le Dantec, Loick; Cardinet, Gaelle; Bonet, Julio; Fouche, Mathieu; Boudehri, Karima; Monfort, Amparo; Poessel, Jean-Luc; Moing, Annick; Dirlwanger, Elisabeth. Development and mapping of peach candidate genes involved in fruit quality and their transferability and potential use in other Rosaceae species. TREE GENETICS & GENOMES. 6 - 6, pp. 995 - 1012. SPRINGER HEIDELBERG, 01/12/2010. ISSN 1614-2942, ISSN 1614-2950
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 2.416  
**Position of publication:** 3
- Format:** Journal  
**Category:** Science Edition - HORTICULTURE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 30
- Impact source:** ISI  
**Impact index in year of publication:** 2.416  
**Position of publication:** 3
- Category:** Science Edition - FORESTRY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 54
- Impact source:** ISI  
**Impact index in year of publication:** 2.416  
**Position of publication:** 85
- Category:** Science Edition - GENETICS & HEREDITY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 156
- Source of citations:** WOS  
**Citations:** 8
- 16** Sargent, Daniel J.; Marchese, Annalisa; Simpson, David W.; Howad, Werner; Fernandez-Fernandez, Felicidad; Monfort, Amparo; Arus, Pere; Evans, Kate M.; Tobutt, Kenneth R. Development of "universal" gene-specific markers from Malus spp. cDNA sequences, their mapping and use in synteny studies within Rosaceae. TREE GENETICS & GENOMES. 5 - 1, pp. 133 - 145. SPRINGER HEIDELBERG, 01/01/2009. ISSN 1614-2942
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 2.018  
**Position of publication:** 4
- Format:** Journal  
**Category:** Science Edition - HORTICULTURE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 30
- Impact source:** ISI  
**Impact index in year of publication:** 2.018  
**Position of publication:** 4
- Category:** Science Edition - FORESTRY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 46
- Impact source:** ISI  
**Impact index in year of publication:** 2.018  
**Position of publication:** 95
- Category:** Science Edition - GENETICS & HEREDITY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 146
- Source of citations:** WOS  
**Citations:** 24
- 17** Bonet, Julio; Girona, Elena Lopez; Sargent, Daniel J; Munoz-Torres, Monica C; Monfort, Amparo; Abbott, Albert G; Arus, Pere; Simpson, David W; Davik, Jahn. The development and characterisation of a bacterial artificial chromosome library for Fragaria vesca. BMC research notes. 2, pp. 188. 01/01/2009. ISSN 1756-0500
- Type of production:** Scientific paper  
**Source of citations:** WOS
- Format:** Journal  
**Citations:** 2
- 18** Rousseau-Gueutin, Mathieu; Lerceteau-Kohler, Estelle; Barrot, Laure; Sargent, Daniel James; Monfort, Amparo; Simpson, David; Arus, Pere; Guerin, Guy; Denoyes-Rothan, Beatrice. Comparative genetic mapping between octoploid and diploid Fragaria species reveals a high level of colinearity between their genomes and the essentially disomic behavior of the cultivated octoploid strawberry. GENETICS. 179 - 4, pp. 2045 - 2060. GENETICS SOC AM, 01/08/2008. ISSN 0016-6731
- Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 4.002  
**Position of publication:** 32
- Format:** Journal  
**Category:** Science Edition - GENETICS & HEREDITY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 138



**Source of citations:** WOS**Citations:** 72

- 19** Vilanova, Santiago; Sargent, Daniel J.; Arus, Pere; Monfort, Amparo. Synteny conservation between two distantly-related Rosaceae genomes: Prunus (the stone fruits) and Fragaria (the strawberry). BMC PLANT BIOLOGY. 8, BIOMED CENTRAL LTD, 18/06/2008. ISSN 1471-2229

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - PLANT SCIENCES**Impact index in year of publication:** 4.03**Journal in the top 25%:** Yes**Position of publication:** 14**No. of journals in the cat.:** 156**Source of citations:** WOS**Citations:** 33

- 20** Sargent, D. J.; Cipriani, G.; Vilanova, S.; Gil-Ariza, D.; Arus, P.; Simpson, D. W.; Tobutt, K. R.; Monfort, A. The development of a bin mapping population and the selective mapping of 103 markers in the diploid Fragaria reference map. GENOME. 51 - 2, pp. 120 - 127. NATL RESEARCH COUNCIL CANADA-N R C RESEARCH PRESS, 01/02/2008. ISSN 0831-2796

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - BIOTECHNOLOGY & APPLIED MICROBIOLOGY**Impact index in year of publication:** 1.713**Journal in the top 25%:** No**Position of publication:** 79**No. of journals in the cat.:** 144**Impact source:** ISI**Category:** Science Edition - GENETICS & HEREDITY**Impact index in year of publication:** 1.713**Journal in the top 25%:** No**Position of publication:** 98**No. of journals in the cat.:** 138**Source of citations:** WOS**Citations:** 40

- 21** Deleu, Wim; Gonzalez, Victor; Monfort, Amparo; Bendahmane, Abdelhafid; Puigdomenech, Pere; Arus, Pere; Garcia-Mas, Jordi. Structure of two melon regions reveals high microsynteny with sequenced plant species. MOLECULAR GENETICS AND GENOMICS. 278 - 6, pp. 611 - 622. SPRINGER HEIDELBERG, 01/12/2007. ISSN 1617-4615

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 2.978**Journal in the top 25%:** No**Position of publication:** 109**No. of journals in the cat.:** 263**Impact source:** ISI**Category:** Science Edition - GENETICS & HEREDITY**Impact index in year of publication:** 2.978**Journal in the top 25%:** No**Position of publication:** 61**No. of journals in the cat.:** 132**Source of citations:** WOS**Citations:** 19

- 22** van Leeuwen, Hans; Monfort, Amparo; Puigdomenech, Pere. Mutator-like elements identified in melon, Arabidopsis and rice contain ULP1 protease domains. MOLECULAR GENETICS AND GENOMICS. 277 - 4, pp. 357 - 364. SPRINGER, 01/04/2007. ISSN 1617-4615

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 2.978**Journal in the top 25%:** No**Position of publication:** 109**No. of journals in the cat.:** 263



**Impact source:** ISI  
**Impact index in year of publication:** 2.978  
**Position of publication:** 61  
**Source of citations:** WOS

**Category:** Science Edition - GENETICS & HEREDITY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 132  
**Citations:** 11

- 23** Nieto, Cristina; Morales, Monica; Orjeda, Gisella; Clepet, Christian; Monfort, Amparo; Sturbois, Benedicte; Puigdomenech, Pere; Pitrat, Michel; Caboche, Michel; Dogimont, Catherine; Garcia-Mas, Jordi; Aranda, Miguel. A.; Bendahmane, Abdelhafid. An eIF4E allele confers resistance to an uncapped and non-polyadenylated RNA virus in melon. PLANT JOURNAL. 48 - 3, pp. 452 - 462. BLACKWELL PUBLISHING, 01/11/2006. ISSN 0960-7412

**Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 6.565  
**Position of publication:** 6  
**Source of citations:** WOS

**Format:** Journal  
**Category:** Science Edition - PLANT SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 147  
**Citations:** 92

- 24** Sargent, DJ; Clarke, J; Simpson, DW; Tobutt, KR; Arus, P; Monfort, A; Vilanova, S; Denoyes-Rothan, B; Rousseau, M; Folta, KM; Bassil, NV; Battey, NH. An enhanced microsatellite map of diploid *Fragaria*. THEORETICAL AND APPLIED GENETICS. 112 - 7, pp. 1349 - 1359. SPRINGER, 01/05/2006. ISSN 0040-5752

**Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 2.715  
**Position of publication:** 1

**Format:** Journal  
**Category:** Science Edition - HORTICULTURE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 21

**Impact source:** ISI  
**Impact index in year of publication:** 2.715  
**Position of publication:** 19

**Category:** Science Edition - PLANT SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 147

**Impact source:** ISI  
**Impact index in year of publication:** 2.715  
**Position of publication:** 2

**Category:** Science Edition - AGRONOMY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 49

**Impact source:** ISI  
**Impact index in year of publication:** 2.715  
**Position of publication:** 61

**Category:** Science Edition - GENETICS & HEREDITY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 131

**Source of citations:** WOS

**Citations:** 67

- 25** Monfort, A; Vilanova, S; Davis, TM; Arus, P. A new set of polymorphic simple sequence repeat (SSR) markers from a wild strawberry (*Fragaria vesca*) are transferable to other diploid *Fragaria* species and to *Fragaria x ananassa*. MOLECULAR ECOLOGY NOTES. 6 - 1, pp. 197 - 200. BLACKWELL PUBLISHING, 01/03/2006. ISSN 1471-8278

**Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 1.22  
**Position of publication:** 212

**Format:** Journal  
**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 262

**Impact source:** ISI  
**Impact index in year of publication:** 1.22  
**Position of publication:** 30

**Category:** Science Edition - EVOLUTIONARY BIOLOGY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 35

**Impact source:** ISI

**Impact index in year of publication:** 1.22

**Position of publication:** 69

**Source of citations:** WOS

**Category:** Science Edition - ECOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 114

**Citations:** 28

- 26** Morales, M; Orjeda, G; Nieto, C; van Leeuwen, H; Monfort, A; Charpentier, M; Caboche, M; Arus, P; Puigdomenech, P; Aranda, MA; Dogimont, C; Bendahmane, A; Garcia-Mas, J. A physical map covering the nsv locus that confers resistance to Melon necrotic spot virus in melon (*Cucumis melo* L). THEORETICAL AND APPLIED GENETICS. 111 - 5, pp. 914 - 922. SPRINGER, 01/09/2005. ISSN 0040-5752

**Type of production:** Scientific paper

**Impact source:** ISI

**Impact index in year of publication:** 3.063

**Position of publication:** 1

**Impact source:** ISI

**Impact index in year of publication:** 3.063

**Position of publication:** 1

**Impact source:** ISI

**Impact index in year of publication:** 3.063

**Position of publication:** 18

**Impact source:** ISI

**Impact index in year of publication:** 3.063

**Position of publication:** 51

**Source of citations:** WOS

**Format:** Journal

**Category:** Science Edition - HORTICULTURE

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 21

**Category:** Science Edition - AGRONOMY

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 48

**Category:** Science Edition - PLANT SCIENCES

**Journal in the top 25%:** Yes

**No. of journals in the cat.:** 144

**Category:** Science Edition - GENETICS & HEREDITY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 124

**Citations:** 21

- 27** Boix, T; Gomez-Morales, J; Torrent-Burgues, J; Monfort, A; Puigdomenech, P; Rodriguez-Clemente, R. Adsorption of recombinant human bone morphogenetic protein rhBMP-2m onto hydroxyapatite. JOURNAL OF INORGANIC BIOCHEMISTRY. 99 - 5, pp. 1043 - 1050. ELSEVIER SCIENCE INC, 01/05/2005. ISSN 0162-0134

**Type of production:** Scientific paper

**Impact source:** ISI

**Impact index in year of publication:** 2.423

**Position of publication:** 123

**Impact source:** ISI

**Impact index in year of publication:** 2.423

**Position of publication:** 13

**Source of citations:** WOS

**Format:** Journal

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 261

**Category:** Science Edition - CHEMISTRY, INORGANIC & NUCLEAR

**Journal in the top 25%:** No

**No. of journals in the cat.:** 43

**Citations:** 47

- 28** van Leeuwen, H; Garcia-Mas, J; Coca, M; Puigdomenech, P; Monfort, A. Analysis of the melon genome in regions encompassing TIR-NBS-LRR resistance genes. MOLECULAR GENETICS AND GENOMICS. 273 - 3, pp. 240 - 251. SPRINGER HEIDELBERG, 01/05/2005. ISSN 1617-4615

**Type of production:** Scientific paper

**Impact source:** ISI

**Impact index in year of publication:** 2.632

**Position of publication:** 112

**Format:** Journal

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

**Journal in the top 25%:** No

**No. of journals in the cat.:** 261



**Impact source:** ISI  
**Impact index in year of publication:** 2.632  
**Position of publication:** 62  
**Source of citations:** WOS

**Category:** Science Edition - GENETICS & HEREDITY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 124  
**Citations:** 29

- 29** Gonzalo, MJ; Oliver, M; Garcia-Mas, J; Monfort, A; Dolcet-Sanjuan, R; Katzir, N; Arus, P; Monforte, AJ. Simple-sequence repeat markers used in merging linkage maps of melon (*Cucumis melo* L.). THEORETICAL AND APPLIED GENETICS. 110 - 5, pp. 802 - 811. SPRINGER, 01/03/2005. ISSN 0040-5752

**Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 3.063  
**Position of publication:** 1

**Format:** Journal  
**Category:** Science Edition - HORTICULTURE  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 21

**Impact source:** ISI  
**Impact index in year of publication:** 3.063  
**Position of publication:** 1

**Category:** Science Edition - AGRONOMY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 48

**Impact source:** ISI  
**Impact index in year of publication:** 3.063  
**Position of publication:** 18

**Category:** Science Edition - PLANT SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 144

**Impact source:** ISI  
**Impact index in year of publication:** 3.063  
**Position of publication:** 51

**Category:** Science Edition - GENETICS & HEREDITY  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 124

**Source of citations:** WOS

**Citations:** 112

- 30** van Leeuwen, H; Monfort, A; Zhang, HB; Puigdomenech, P. Identification and characterisation of a melon genomic region containing a resistance gene cluster from a constructed BAC library. Microcolinearity between *Cucumis melo* and *Arabidopsis thaliana*. PLANT MOLECULAR BIOLOGY. 51 - 5, pp. 703 - 718. SPRINGER, 01/03/2003. ISSN 0167-4412, ISSN 1573-5028

**Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 3.795  
**Position of publication:** 63

**Format:** Journal  
**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 261

**Impact source:** ISI  
**Impact index in year of publication:** 3.795  
**Position of publication:** 8

**Category:** Science Edition - PLANT SCIENCES  
**Journal in the top 25%:** Yes  
**No. of journals in the cat.:** 136

**Source of citations:** WOS

**Citations:** 40

- 31** Rentero, C; Monfort, A; Puigdomenech, P. Identification and distribution of different mRNA variants produced by differential splicing in the human phosphodiesterase 9A gene. BIOCHEMICAL AND BIOPHYSICAL RESEARCH COMMUNICATIONS. 301 - 3, pp. 686 - 692. ACADEMIC PRESS INC ELSEVIER SCIENCE, 14/02/2003. ISSN 0006-291X

**Type of production:** Scientific paper  
**Impact source:** ISI  
**Impact index in year of publication:** 2.836  
**Position of publication:** 22

**Format:** Journal  
**Category:** Science Edition - BIOPHYSICS  
**Journal in the top 25%:** No  
**No. of journals in the cat.:** 66

**Impact source:** ISI**Impact index in year of publication:** 2.836**Position of publication:** 93**Source of citations:** WOS**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Journal in the top 25%:** No**No. of journals in the cat.:** 261**Citations:** 37

- 32** Morales, M; Luis-Arteaga, M; Alvarez, JM; Dolcet-Sanjuan, R; Monfort, A; Arus, P; Garcia-Mas, J. Marker saturation of the region flanking the gene NSV conferring resistance to the melon necrotic spot Carmovirus (MNSV) in melon. JOURNAL OF THE AMERICAN SOCIETY FOR HORTICULTURAL SCIENCE. 127 - 4, pp. 540 - 544. AMER SOC HORTICULTURAL SCIENCE, 01/07/2002. ISSN 0003-1062

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - HORTICULTURE**Impact index in year of publication:** 0.906**Journal in the top 25%:** No**Position of publication:** 6**No. of journals in the cat.:** 20**Source of citations:** WOS**Citations:** 13

- 33** Casacuberta, E; Puigdomenech, P; Monfort, A. A genomic duplication in Arabidopsis thaliana contains a sequence similar to the human gene coding for SAP130. PLANT PHYSIOLOGY AND BIOCHEMISTRY. 39 - 7-8, pp. 565 - 573. GAUTHIER-VILLARS/EDITIONS ELSEVIER, 01/07/2001. ISSN 0981-9428

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 1.333**Journal in the top 25%:** No**Position of publication:** 199**No. of journals in the cat.:** 308**Impact source:** ISI**Category:** Science Edition - PLANT SCIENCES**Impact index in year of publication:** 1.333**Journal in the top 25%:** No**Position of publication:** 41**No. of journals in the cat.:** 134**Source of citations:** WOS**Citations:** 2

- 34** Garcia-Mas, J; van Leeuwen, H; Monfort, A; de Vicente, MC; Puigdomenech, P; Arus, P. Cloning and mapping of resistance gene homologues in melon. PLANT SCIENCE. 161 - 1, pp. 165 - 172. ELSEVIER SCI IRELAND LTD, 01/06/2001. ISSN 0168-9452

**Type of production:** Scientific paper**Format:** Journal**Impact source:** ISI**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY**Impact index in year of publication:** 1.384**Journal in the top 25%:** No**Position of publication:** 197**No. of journals in the cat.:** 308**Impact source:** ISI**Category:** Science Edition - PLANT SCIENCES**Impact index in year of publication:** 1.384**Journal in the top 25%:** No**Position of publication:** 35**No. of journals in the cat.:** 134**Source of citations:** WOS**Citations:** 20

- 35** Salanoubat, M; Lemcke, K; Rieger, M; Ansorge, W; Unseld, M; Fartmann, B; Valle, G; Blocker, H; Perez-Alonso, M; Obermaier, B; Delseny, M; Boutry, M; Grivell, LA; Mache, R; Puigdomenech, P; De Simone, V; Choisne, N; Artiguenave, F; Robert, C; Brottier, P; Wincker, P; Cattolico, L; Weissenbach, J; Saurin, W; Quetier, F; Schafer, M; Muller-Auer, S; Gabel, C; Fuchs, M; Benes, V; Wurmbach, E; Drzonek, H; Erfle, H; Jordan, N; Bangert, S; Wiedelmann, R; Kranz, H; Voss, H; Holland, R; Brandt, P; Nyakatura, G; Vezzi, A; D'Angelo, M; Pallavicini, A;



Toppo, S; Simionati, B; Conrad, A; Hornischer, K; Kauer, G; Lohnert, TH; Nordsiek, G; Reichelt, J; Scharfe, M; Schon, O; Bargues, M; Terol, J; Climent, J; Navarro, P; Collado, C; Perez-Perez, A; Ottenwalder, B; Duchemin, D; Cooke, R; Laudie, M; Berger-Llauro, C; Purnelle, B; Masuy, D; de Haan, M; Maarse, AC; Alcaraz, JP; Cottet, A; Casacuberta, E; Monfort, A; Argiriou, A; Flores, M; Liguori, R; Vitale, D; Mannhaupt, G; Haase, D; Schoof, H; Rudd, S; Zaccaria, P; Mewes, HW; Mayer, KFX; Kaul, S; Town, CD; Koo, HL; Tallon, LJ; Jenkins, J; Rooney, T; Rizzo, M; Walts, A; Utterback, T; Fujii, CY; Shea, TP; Creasy, TH; Haas, B; Maiti, R; Wu, DY; Peterson, J; Van Aken, S; Pai, G; Militscher, J; Sellers, P; Gill, JE; Feldblyum, TV; Preuss, D; Lin, XY; Nierman, WC; Salzberg, SL; White, O; Venter, JC; Fraser, CM; Kaneko, T; Nakamura, Y; Sato, S; Kato, T; Asamizu, E; Sasamoto, S; Kimura, T; Idesawa, K; Kawashima, K; Kishida, Y; Kiyokawa, C; Kohara, M; Matsumoto, M; Matsuno, A; Muraki, A; Nakayama, S; Nakazaki, N; Shinpo, S; Takeuchi, C; Wada, T; Watanabe, A; Yamada, M; Yasuda, M; Tabata, S; European Union Chromosome 3 Arabid; Inst Genomic Res; Kazusa DNA Res Inst. Sequence and analysis of chromosome 3 of the plant Arabidopsis thaliana. NATURE. 408 - 6814, pp. 820 - 822. NATURE PUBLISHING GROUP, 14/12/2000. ISSN 0028-0836

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI

**Category:** Science Edition - MULTIDISCIPLINARY SCIENCES

**Impact index in year of publication:** 25.814

**Journal in the top 25%:** Yes

**Position of publication:** 1

**No. of journals in the cat.:** 49

**Source of citations:** WOS

**Citations:** 101

- 36** Casacuberta, E; Puigdomenech, P; Monfort, A. Distribution of microsatellites in relation to coding sequences within the Arabidopsis thaliana genome. PLANT SCIENCE. 157 - 1, pp. 97 - 104. ELSEVIER IRELAND LTD, 11/08/2000. ISSN 0168-9452

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI

**Category:** Science Edition - BIOCHEMISTRY & MOLECULAR BIOLOGY

**Impact index in year of publication:** 1.259

**Journal in the top 25%:** No

**Position of publication:** 203

**No. of journals in the cat.:** 310

**Impact source:** ISI

**Category:** Science Edition - PLANT SCIENCES

**Impact index in year of publication:** 1.259

**Journal in the top 25%:** No

**Position of publication:** 43

**No. of journals in the cat.:** 137

**Source of citations:** WOS

**Citations:** 18

- 37** Mayer, K; Schuller, C; Wambutt, R; Murphy, G; Volckaert, G; Pohl, T; Dusterhoft, A; Stiekema, W; Entian, KD; Terryn, N; Harris, B; Ansorge, W; Brandt, P; Grivell, L; Rieger, M; Weichselgartner, M; de Simone, V; Obermaier, B; Mache, R; Muller, M; Kreis, M; Delseny, M; Puigdomenech, P; Watson, M; Schmidtheini, T; Reichert, B; Portatelle, D; Perez-Alonso, M; Boutry, M; Bancroft, I; Vos, P; Hoheisel, J; Zimmermann, W; Wedler, H; Ridley, P; Langham, SA; McCullagh, B; Bilham, L; Robben, J; Van der Schueren, J; Grymonprez, B; Chuang, YJ; Vandebussche, F; Braeken, M; Weltjens, I; Voet, M; Bastiaens, I; Aert, R; Defoor, E; Weitzenegger, T; Bothe, G; Ramsperger, U; Hilbert, H; Braun, M; Holzer, E; Brandt, A; Peters, S; van Staveren, M; Dirkse, W; Mooijman, P; Lankhorst, RK; Rose, M; Hauf, J; Kotter, P; Berneiser, S; Hempel, S; Feldpausch, M; Lamberth, S; Van den Daele, H; De Keyser, A; Buysschaert, C; Gielen, J; Villarroel, R; De Clercq, R; Van Montagu, M; Rogers, J; Cronin, A; Quail, M; Bray-Allen, S; Clark, L; Doggett, J; Hall, S; Kay, M; Lennard, N; McLay, K; Mayes, R; Pettett, A; Rajandream, MA; Lyne, M; Benes, V; Rechmann, S; Borkova, D; Blocker, H; Scharfe, M; Grimm, M; Lohnert, TH; Dose, S; de Haan, M; Maarse, A; Schafer, M; Muller-Auer, S; Gabel, C; Fuchs, M; Fartmann, B; Granderath, K; Dauner, D; Herzl, A; Neumann, S; Argiriou, A; Vitale, D; Liguori, R; Piravandi, E; Massenet, O; Quigley, F; Clabaud, G; Mundlein, A; Felber, R; Schnabl, S; Hiller, R; Schmidt, W; Lecharny, A; Aubourg, S; Cheddor, F; Cooke, R; Berger, C; Montfort, A; Casacuberta, E; Gibbons, T; Weber, N; Vandebol, M; Bargues, M; Terol, J; Torres, A; Perez-Perez, A; Purnelle, B; Bent, E; Johnson, S; Tacon, D; Jesse, T; Heijnen, L; Schwarz, S; Scholler, P; Heber, S; Francs, P; Bielke, C; Frishman, D; Haase, D; Lemcke, K; Mewes, HW; Stocker, S; Zaccaria, P; Bevan, M; Wilson, RK; de la Bastide, M; Habermann, K; Parnell, L; Dedhia, N; Gnoj, L; Schutz, K; Huang, E; Spiegel, L; Sehkun, M; Murray, J; Sheet, P; Cordes, M; Abu-Threideh, J; Stoneking, T; Kalicki, J;



Graves, T; Harmon, G; Edwards, J; Latreille, P; Courtney, L; Cloud, J; Abbott, A; Scott, K; Johnson, D; Minx, P; Bentley, D; Fulton, B; Miller, N; Greco, T; Kemp, K; Kramer, J; Fulton, L; Mardis, E; Dante, M; Pepin, K; Hillier, L; Nelson, J; Spieth, J; Ryan, E; Andrews, S; Geisel, C; Layman, D; Du, H; Ali, J; Berghoff, A; Jones, K; Drone, K; Cotton, M; Joshu, C; Antonoiu, B; Zidanic, M; Strong, C; Sun, H; Lamar, B; Yordan, C; Ma, P; Zhong, J; Preston, R; Vil, D; Shekher, M; Matero, A; Shah, R; Swaby, I; European Union Arabidopsis Genome; Washington Univ; PE Biosystems Arabidopsis Sequenci. Sequence and analysis of chromosome 4 of the plant Arabidopsis thaliana. NATURE. 402 - 6763, pp. 769 - +. NATURE PUBLISHING GROUP, 16/12/1999. ISSN 0028-0836, ISSN 1476-4687

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI

**Category:** Science Edition - MULTIDISCIPLINARY SCIENCES

**Impact index in year of publication:** 29.491

**Journal in the top 25%:** Yes

**Position of publication:** 1

**No. of journals in the cat.:** 52

**Source of citations:** WOS

**Citations:** 260

- 38** Casacuberta, E; Casacuberta, JM; Puigdomenech, P; Monfort, A. Presence of miniature inverted-repeat transposable elements (MITEs) in the genome of Arabidopsis thaliana: characterisation of the Emigrant family of elements. PLANT JOURNAL. 16 - 1, pp. 79 - 85. BLACKWELL SCIENCE LTD, 01/10/1998. ISSN 0960-7412

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI

**Category:** Science Edition - BIOLOGY

**Impact index in year of publication:** 5.765

**Journal in the top 25%:** Yes

**Position of publication:** 4

**No. of journals in the cat.:** 66

**Impact source:** ISI

**Category:** Science Edition - PLANT SCIENCES

**Impact index in year of publication:** 5.765

**Journal in the top 25%:** Yes

**Position of publication:** 5

**No. of journals in the cat.:** 142

**Source of citations:** WOS

**Citations:** 64

- 39** Bevan, M; Bancroft, I; Bent, E; Love, K; Goodman, H; Dean, C; Bergkamp, R; Dirkse, W; Van Staveren, M; Stiekema, W; Drost, L; Ridley, P; Hudson, SA; Patel, K; Murphy, G; Piffanelli, P; Wedler, H; Wedler, E; Wambutt, R; Weitzenegger, T; Pohl, TM; Terryn, N; Gielen, J; Villarroel, R; De Clerck, R; Van Montagu, M; Lecharny, A; Auborg, S; Gy, I; Kreis, M; Lao, N; Kavanagh, T; Hempel, S; Kotter, P; Entian, KD; Rieger, M; Schaeffer, M; Funk, B; Mueller-Auer, S; Silvey, M; James, R; Montfort, A; Pons, A; Puigdomenech, P; Douka, A; Voukelatou, E; Milioni, D; Hatzopoulos, P; Piravandi, E; Obermaier, B; Hilbert, H; Dusterhoft, A; Moores, T; Jones, JDG; Eneva, T; Palme, K; Benes, V; Rechman, S; Ansorge, W; Cooke, R; Berger, C; Delseny, M; Voet, M; Volckaert, G; Mewes, HW; Klosterman, S; Schueller, C; Chalwatzis, N; EU Arabidopsis Genome Project. Analysis of 1.9 Mb of contiguous sequence from chromosome 4 of Arabidopsis thaliana. NATURE. 391 - 6666, pp. 485 - 488. MACMILLAN MAGAZINES LTD, 29/01/1998. ISSN 0028-0836

**Type of production:** Scientific paper

**Format:** Journal

**Impact source:** ISI

**Category:** Science Edition - MULTIDISCIPLINARY SCIENCES

**Impact index in year of publication:** 28.833

**Journal in the top 25%:** Yes

**Position of publication:** 1

**No. of journals in the cat.:** 62

**Source of citations:** WOS

**Citations:** 568

- 40** Marty, I; Monfort, A; Stiefel, V; Ludevid, D; Delseny, M; Puigdomenech, P. Molecular characterization of the gene coding for GPRP, a class of proteins rich in glycine and proline interacting with membranes in Arabidopsis thaliana. PLANT MOLECULAR BIOLOGY. 30 - 3, pp. 625 - 636. KLUWER ACADEMIC PUBL, 01/02/1996. ISSN 0167-4412

**Type of production:** Scientific paper

**Format:** Journal

**Source of citations:** WOS

**Citations:** 17



- 41** ALEDO, R; RAZ, R; MONFORT, A; VICIENT, CM; PUIGDOMENECH, P; MARTINEZIZQUIERDO, JA. CHROMOSOME LOCALIZATION AND CHARACTERIZATION OF A FAMILY OF LONG INTERSPERSED REPETITIVE DNA ELEMENTS FROM THE GENUS ZEA. THEORETICAL AND APPLIED GENETICS. 90 - 7-8, pp. 1094 - 1100. SPRINGER VERLAG, 01/06/1995. ISSN 0040-5752  
**Type of production:** Scientific paper **Format:** Journal  
**Source of citations:** WOS **Citations:** 15
- 42** HALLICK, RB; HONG, L; DRAGER, RG; FAVREAU, MR; MONFORT, A; ORSAT, B; SPIELMANN, A; STUTZ, E. COMPLETE SEQUENCE OF EUGLENA-GRACILIS CHLOROPLAST DNA. NUCLEIC ACIDS RESEARCH. 21 - 15, pp. 3537 - 3544. OXFORD UNIV PRESS UNITED KINGDOM, 25/07/1993. ISSN 0305-1048  
**Type of production:** Scientific paper **Format:** Journal  
**Source of citations:** WOS **Citations:** 231
- 43** ORSAT, B; MONFORT, A; CHATELLARD, P; STUTZ, E. MAPPING AND SEQUENCING OF AN ACTIVELY TRANSCRIBED EUGLENA-GRACILIS CHLOROPLAST GENE (CCSA) HOMOLOGOUS TO THE ARABIDOPSIS-THALIANA NUCLEAR GENE CS(CH-42). FEBS LETTERS. 303 - 2-3, pp. 181 - 184. ELSEVIER SCIENCE BV, 01/06/1992. ISSN 0014-5793  
**Type of production:** Scientific paper **Format:** Journal  
**Source of citations:** WOS **Citations:** 28
- 44** Urrutia María; Monfort Amparo. Fruit Quality and the Use of Near-Isogenic Lines for Functional Characterization in *Fragaria vesca*. The Genomes of Rosaceous Berries and Their Wild Relatives. Compendium of Plant Genomes. Springer, Cham, 2018. Available on-line at: <[https://doi.org/10.1007/978-3-319-76020-9\\_5](https://doi.org/10.1007/978-3-319-76020-9_5)>. ISBN 978-3-319-76019-3  
**Type of production:** Book chapter  
**Corresponding author:** Yes

### Works submitted to national or international conferences

- 1** **Title of the work:** New strawberry QTLs in pleasant fruity aromas in F1 population  
**Name of the conference:** XXVII Plant and Animal Genome Conference  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** San Diego, United States of America  
**Date of event:** 12/01/2019  
**End date:** 16/01/2019  
 Monfort Amparo.
- 2** **Title of the work:** New strawberry QTLs in pleasant fruity aromas in F1 population  
**Name of the conference:** XXVII Plant and Animal Genome Conference  
**Type of participation:** 'Participatory - poster  
**Corresponding author:** No  
**City of event:** San Diego, United States of America  
**Date of event:** 12/01/2019  
**End date:** 16/01/2019  
 Rey Pol; Monfort Amparo.





- 3** **Title of the work:** Caracterización genómica y metabolómica de la calidad nutricional de la fresa  
**Name of the conference:** 2018 IX Congreso de Mejora Genética de Plantas  
**Type of participation:** 'Participatory - poster  
**Corresponding author:** Yes  
**City of event:** Murcia, Spain  
**Date of event:** 18/09/2018  
**End date:** 20/09/2018  
Hidalgo José Manuel; Rey Pol; Monfort Amparo.
- 4** **Title of the work:** Caracterización genómica y metabolómica de la calidad nutricional de la fresa.  
**Name of the conference:** 2018 IX Congreso de Mejora Genética de Plantas  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** Murcia, Spain  
**Date of event:** 18/09/2018  
**End date:** 20/09/2018  
Monfort Amparo.
- 5** **Title of the work:** Localización de los QTLs responsables del aroma en la fresa cultivada  
**Name of the conference:** 2018 IX Congreso de Mejora Genética de Plantas  
**Type of participation:** 'Participatory - poster  
**Corresponding author:** Yes  
**City of event:** Murcia, Spain  
**Date of event:** 18/09/2018  
**End date:** 20/09/2018  
Rey Pol; Monfort Amparo.
- 6** **Title of the work:** Fruit Quality functional characterization in a diploid strawberry NIL collection  
**Name of the conference:** 9th International Rosaceae Genomics Conference  
**Corresponding author:** Yes  
**City of event:** Nanjing, China  
**Date of event:** 26/06/2018  
**End date:** 30/06/2018  
Zhang Rong; Koskella Elli; Urrutia María; Monfort Amparo.
- 7** **Title of the work:** QTL detection for key aroma compounds in cultivated strawberry.  
**Name of the conference:** 9th International Rosaceae Genomics Conference  
**Corresponding author:** Yes  
**City of event:** Nanjing, China  
**Date of event:** 26/06/2018  
**End date:** 30/06/2018  
Rey Pol; Hidalgo José Manuel; Monfort Amparo.
- 8** **Title of the work:** Genetic Analysis of Fruit Quality in strawberry  
**Name of the conference:** INUPRAG symposium  
**Corresponding author:** Yes  
**City of event:** Bellaterra, Spain  
**Date of event:** 04/06/2018  
**End date:** 06/06/2018



- 9** **Title of the work:** Characterizing Agronomical Traits in a diploid strawberry NIL collection  
**Name of the conference:** 3rd International Strawberry Congress  
**Type of event:** Conference  
**Type of participation:** Participatory - oral communication  
**Corresponding author:** Yes  
**City of event:** Antwerp, Belgium  
**Date of event:** 06/09/2017  
**End date:** 08/09/2017  
**Type of contribution:** Scientific paper  
Zhang; Katie E; María; Mourad; Amparo. pp. 25 - 29.
- 10** **Title of the work:** Phenotyping in different octoploid strawberry populations for QTLs detection  
**Name of the conference:** 3rd International Strawberry Congress  
**Type of event:** Conference  
**Type of participation:** Participatory - poster  
**Corresponding author:** Yes  
**City of event:** Antwerp, Belgium  
**Date of event:** 06/09/2017  
**End date:** 08/09/2017  
**Type of contribution:** Scientific paper  
Pol; Amparo. pp. 103.
- 11** **Title of the work:** Identification of haplotypes in octoploid strawberry (*Fragaria × ananassa*) cultivars using 90K IStraw  
**Name of the conference:** International Plant & Animal Genome XXV  
**Corresponding author:** Yes  
**City of event:** San Diego, CA, United States of America  
**Date of event:** 14/01/2017  
**End date:** 18/01/2017  
Amparo; Miriam. "Mapping the 'wild strawberry' aroma in a *Fragaria vesca* NIL collection."
- 12** **Title of the work:** Mapping the 'wild strawberry' aroma in a *Fragaria vesca* NIL collection.  
**Name of the conference:** International Plant & Animal Genome XXV  
**Corresponding author:** Yes  
**City of event:** San Diego, CA., United States of America  
**Date of event:** 14/01/2017  
**End date:** 18/01/2017  
Maria.
- 13** **Title of the work:** EUGLENA-GRACILIS CHLOROPLAST DNA - ANATOMY AND TRANSCRIPTION OF A DNA SEGMENT CODING FOR THE GENES CCSA, PSBD AND PSBC  
**Type of contribution:** Scientific paper  
ORSAT, B; CHATELLARD, P; LEMBERGER, T; MONFORT, A; STUTZ, E. "PHOTOSYNTHESIS RESEARCH". 34 - 1, pp. 178 - 178. 01/10/1992. ISSN 0166-8595
- 14** **Title of the work:** INDIRECT INFERENCE  
**Name of the conference:** Conference on Econometric Inference Using Simulation Techniques  
**City of event:** ROTTERDAM,  
**Type of contribution:** Scientific paper  
GOURIEROUX, C; MONFORT, A; RENAULT, E. "JOURNAL OF APPLIED ECONOMETRICS". 8, pp. S85 - S118. 01/12/1993. ISSN 0883-7252



- 15** **Title of the work:** Progress in Arabidopsis genome sequencing and functional genomics  
**Name of the conference:** 1st European Symposium on Applied Genome Research  
**City of event:** BRUSSELS,  
**Organising entity:** European Federat Biotechnol  
**Type of contribution:** Scientific paper  
Wambutt, R; Murphy, G; Volckaert, G; Pohl, T; Dusterhoft, A; Stiekema, W; Entian, KD; Terryn, N; Harris, B; Ansorge, W; Brandt, P; Grivell, L; Rieger, M; Weichselgartner, M; de Simone, V; Obermaier, B; Mache, R; Muller, M; Kreis, M; Delseny, M; Puigdomenech, P; Watson, M; Schmidtheini, T; Reichert, B; Portatelle, D; Perez-Alonso, M; Boutry, M; Bancroft, I; Vos, P; Hoheisel, J; Zimmermann, W; Wedler, H; Ridley, P; Langham, SA; McCullagh, B; Bilham, L; Robben, J; Van der Schueren, J; Grymonprez, B; Chuang, YJ; Vandebussche, F; Braeken, M; Weltjens, I; Voet, M; Bastiaens, I; Aert, R; Defoor, E; Weitzenegger, T; Bothe, G; Ramsperger, U; Hilbert, H; Braun, M; Holzer, E; Brandt, A; Peters, S; van Staveren, M; Dirkse, W; Mooijman, P; Lankhorst, RK; Rose, M; Hauf, J; Kotter, P; Berneiser, S; Hempel, S; Feldpausch, M; Lamberth, S; Van den Daele, H; De Keyser, A; Buysshaert, C; Gielen, J; Villarroel, R; De Clercq, R; Van Montagu, M; Rogers, J; Cronin, A; Quail, M; Bray-Allen, S; Clark, L; Doggett, J; Hall, S; Kay, M; Lennard, N; McLay, K; Mayes, R; Pettett, A; Rajandream, MA; Lyne, M; Benes, V; Rechmann, S; Borkova, D; Blocker, H; Scharfe, M; Grimm, M; Lohnert, TH; Dose, S; de Haan, M; Maarse, A; Schafer, M; Muller-Auer, S; Gabel, C; Fuchs, M; Fartmann, B; Granderath, K; Dauner, D; Herzl, A; Neumann, S; Argiriou, A; Vitale, D; Liguori, R; Piravandi, E; Massenet, O; Quigley, F; Clabauld, G; Mundlein, A; Felber, R; Schnabl, S; Hiller, R; Schmidt, W; Lecharny, A; Aubourg, S; Gy, I; Cooke, R; Berger, C; Monfort, A; Casacuberta, E; Gibbons, T; Weber, N; Vandenbol, M; Bargues, M; Terol, J; Torres, A; Perez-Perez, A; Purnelle, B; Bent, E; Johnson, S; Tacon, D; Jesse, T; Heijnen, L; Schwarz, S; Scholler, P; Heber, S; Bielke, C; Frishmann, D; Haase, D; Lemcke, K; Mewes, HW; Stocker, S; Zaccaria, P; Mayer, K; Schuller, C; Bevan, M. "JOURNAL OF BIOTECHNOLOGY". 78 - 3, pp. 281 - 292. 31/03/2000. ISSN 0168-1656, ISSN 1873-4863
- 16** **Title of the work:** TRANSCRIPTIONAL STUDIES IN THE ORI-REGION AND IN VICINITY OF EUGLENA-GRACILIS CHLOROPLAST DNA  
**Name of the conference:** 22ND ANNUAL MEETING OF THE SWISS SOCIETIES FOR EXPERIMENTAL BIOLOGY (USGEB/USSBE), ZUERICH, SWITZERLAND, MARCH 15-16, 1990. EXPERIENTIA (BASEL).  
**Type of contribution:** Scientific paper  
MONFORT A; STUTZ E. "Experientia (Basel)". 46 - ABSTR, pp. A26. 01/01/1990. ISSN 0014-4754
- 17** **Title of the work:** The Inotalis Breeding Program (Planasa and Darbonne) - New Trends and Challenges in Strawberry Plant Breeding  
**Name of the conference:** 6th International Strawberry Symposium  
**City of event:** Huelva,  
**Type of contribution:** Scientific paper  
Hidalgo, M. A.; Sanchez, D.; Hureau, R.; Moreau, J.; Monfort, A.; Arus, P. "VI INTERNATIONAL STRAWBERRY SYMPOSIUM". En: Acta Horticulturae. 842, pp. 431 - 434. 01/01/2009. ISSN 0567-7572, ISBN 978-90-6605-642-8
- 18** **Title of the work:** The Spanish melon genome project: Construction of a saturated genetic map  
**Name of the conference:** 7th EUCARPIA Meeting on Cucurbit Genetics and Breeding  
**City of event:** MA ALE HA HAMISHA,  
**Organising entity:** Agr Res Org; Agrogene; Bar Ilan Univ; Bio Oz; Hazera Quality Seeds; Mediterranean Seeds; Zera im Gedera; Int Soc Hort Sci Working Grp Curcubitaceae  
**Type of contribution:** Scientific paper  
Oliver, M; Garcia-Mas, J; Morales, M; Dolcet-Sanjuan, R; de Vicente, M; Gomez, H; van Leeuwen, H; Monfort, A; Puigdomenech, P; Arus, P. "PROCEEDINGS OF CUCURBITACEAE 2000". En: ACTA HORTICULTURAE. 510, pp. 375 - 378. 01/01/2000. ISSN 0567-7572, ISBN 90-6605-852-8



- 19** **Title of the work:** Use of molecular markers to optimize parental choices for obtaining new commercial performing asparagus varieties  
**Name of the conference:** 11th International Asparagus Symposium  
**City of event:** Horst,  
**Organising entity:** Limseeds BV; Int Soc Horticultural Sci; Wageningen Univ & Res Ctr; Univ Maastricht  
**Type of contribution:** Scientific paper  
Delaitre, C.; Antoine, M.; Monfort, A.; Garcia-Mas, J.; Masson, M. "PROCEEDINGS OF THE XITH INTERNATIONAL ASPARAGUS SYMPOSIUM". En: Acta Horticulturae. 776, pp. 269 - 277. 01/01/2008. ISSN 0567-7572, ISBN 978-90-6605-670-1

## R&D management and participation in scientific committees

### R&D management

**Name of the activity:** Jefe de Programa de Genómica y Biotecnología  
**Type of management:** Programme management  
**Performed tasks:** Gestión y Dirección del Programa (35 personas)  
**Entity:** INSTITUT DE RECERCA I TECNOLOGIA AGROALIMENTARIES (IRTA)  
**Start date:** 01/11/2015