

Curriculum Vitae



Personal information

First name / Surname	Maria Ballester Devis		
Address(es)			
Telephone			
Mobile			
E-mail	mariabal77@hotmail.com		
Nationality	Spanish		
Date of birth			
Gender	Female		

Personal statement and statement of intent

During my research career I gained a wide and solid experience in a broad range of molecular and cellular approaches that enabled me to become a multidisciplinary researcher. However, the emergence of high-throughput biological data requires an extension of the traditional expertise of molecular biologists towards bioinformatics and computational biology disciplines. The integration of all these skills is an ever-increasing requirement in animal genetics to set up new projects toward predictive biology, with a specific focus in the characterization of functional mechanisms implicated in complex traits. This AgreenSkills+ fellowship represents an important opportunity to receive additional training in the demanding field of computational biology. The GABI unit has extensive experience in molecular and computational biology applied to animal genetics and genomics and on the analysis of NGS data. The combination of a strong biological background that I already have with a relevant training in computational biology as proposed in the AgreenSkills+ project will bring me toward a new level in competencies. I'm convinced that such a level is now necessary to reach a position of professional maturity and carry out innovative projects in animal genetics.

Education and training

Location and dates	18/04/2005; Bellaterra, Catalonia, Spain
Title of qualification awarded	PhD in Animal Production (Excellent <i>Cum Laude</i>)
Principal subjects/occupational skills covered	The main goal of my thesis was to obtain transgenic mice that were able to express the human follicle stimulating hormone (hFSH) in their mammary gland using an expression cassette which contained the goat <i>beta-lactoglobulin</i> regulatory sequences. In parallel to these studies with transgenic animals, I worked in the regulation of milk protein gene expression at DNA level and in the identification and characterization of genes and polymorphisms that affect productive traits in livestock species. During this pre-doctoral period I have developed competences in molecular biology laboratorial techniques (extraction and purification of genomic DNA, RNA, proteins; molecular cloning, PCR, RT-PCR, qPCR, northern blot, western blot...) and animal handling. Furthermore, I taught seminars and laboratory practices of Genetics subject from the Veterinary Medicine degree.
Name of Institute	Dept. of Food and Animal Sciences from Autonomous University of Barcelona

Location and dates	2001-2002; Bellaterra, Catalonia, Spain
Title of qualification awarded	Master in Animal Production (Excellent)
Principal subjects/occupational skills covered	During this period I received training in animal genetics subjects as well as in communicating research results in the form of written publications. Furthermore, I was introduced to the molecular biology techniques in the laboratory.
Name of Institute	Dept. of Food and Animal Sciences from Autonomous University of Barcelona

Location and dates	24/07/2000; Bellaterra, Catalonia, Spain
Title of qualification awarded	B.S in Veterinary Medicine
Principal subjects/occupational skills covered	Small animals, food science and technology, pig production
Name of Institute	Faculty of Veterinary Medicine, Autonomous University of Barcelona

Languages

Mother tongue(s)	Spanish, Catalan				
Other language(s) European level (*)	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	C1
French	B2	B1	B1	B2	B1
(*) Common European Framework of Reference for Languages http://europass.cedefop.europa.eu/en/resources/european-language-levels-cefr					

Academic Record

Publications	<p>Accepted, in press and published articles / papers: 33</p> <ol style="list-style-type: none"> 1. M. Revilla, Y. Ramayo-Caldas, A. Castelló, J. Corominas, A. Puig-Oliveras, N. Ibáñez-Escriche, M. Muñoz, M. Ballester*, J.M Folch. New insight into the SSC8 genetic determination of fatty acid composition in pigs. Accepted in <i>Genetics Selection Evolution</i> (*as a co-director) 2. Y. Ramayo-Caldas, M. Ballester, M. R. S. Fortes, A. Esteve-Codina, A. Castelló, J.L. Noguera, A.I. Fernández, M. Pérez-Enciso, A. Reverter, J. M. Folch. 2014. From SNP co-association to gene co-expression: Evidence of pleiotropic expression-QTL in lipid metabolism in pigs. <i>BMC Genomics</i>, vol. 15: 232 3. J. Vergara-Alert, N. Busquets*, M. Ballester*, A.J. Chaves, R. Rivas, R. Dolz, S. Pleschka, N. Majó, F. Rodríguez, and A. Darji. 2014. The NS Segment of H5N1 Avian Influenza Viruses (AIV) Enhances the Virulence of an H7N1 AIV in Chickens. <i>Veterinary Research</i>, 45: 7 (*equal contribution) 4. J. Corominas, Y. Ramayo-Caldas, A. Puig-Oliveras, J. Estellé, A. Castelló, E. Alves, R.N. Pena, M. Ballester* and J.M. Folch. 2013. Analysis of porcine adipose tissue transcriptome reveals differences in de novo fatty acid synthesis in pigs with divergent muscle fatty acid composition. <i>BMC Genomics</i>, vol. 14: 843 (*as a co-director) 5. M Ballester, R. Cerdón, and J.M. Folch. 2013. DAG Expression: high-throughput gene expression analysis of Real Time PCR data using standard curves for relative quantification. <i>PLoS ONE</i>, 8(11): e80385 6. T. Mussá, M. Ballester, E. Silva, M. Baratelli, N. Busquets, M. Lecours, J. Dominguez, M. Amadori, L. Fraile, J. Hernández and M. Montoya. 2013. Infection by swine, human or avian influenza viruses differentially activates porcine dendritic cells cytokine profile. <i>Veterinary</i>
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immunology immunopathology, vol. 154(1-2): 25-35

7. Galindo-Cardiel, **M. Ballester**, D. Solanes, M. Nofrarias, S. López-Soria, J.M. Argilagué, A. Lacasta, F. Accensi, F. Rodríguez and J. Segalés. 2013. Standardization of pathological investigations in the framework of experimental ASFV infections. *Virus Research*, vol. 173(1): 180-90, 2013

8. J. Corominas, Y. Ramayo-Caldas, A. Puig, D. Pérez-Montarelo, J.L. Noguera, J.M. Folch and **M. Ballester**. 2013. Polymorphism in the ELOVL6 gene is associated with a major QTL effect on fatty acid composition in pigs. *PLoS ONE*, 8(1): e53687.

9. **M. Ballester**, A. Castelló, R. Peiró, M.J. Argente, M.A. Santacreu and J.M. Folch. 2013. Identification of differentially expressed genes in the oviduct of two rabbit lines divergently selected for uterine capacity using suppression subtractive hybridization. *Animal Genetics*, vol. 44(3): 296-304

10. **M. Ballester**, A. Castelló, Y. Ramayo-Caldas, J.M. Folch. 2013. A quantitative real-time PCR method using an X-linked gene for sex typing in pigs. *Molecular Biotechnology*, vol. 54(2): 493-496

11. Y. Ramayo-Caldas, N. Mach, A. Esteve-Codina, J. Corominas, A. Castelló, **M. Ballester**, J. Estellé, N. Ibañez-Escriche, A.I. Fernández, M. Pérez-Enciso, J.M. Folch. 2012. Liver transcriptome profile in pigs with extreme phenotypes of intramuscular fatty acid composition. *BMC Genomics*, vol. 13(1): 547

12. M. Costa-Hurtado, **M. Ballester**, N. Galofré-Milà, A. Darji, V. Aragon. 2012. VtaA8 and VtaA9 from *Haemophilus parasuis* delay phagocytosis by alveolar macrophages. *Veterinary Research*, vol. 43(1):57

13. J.M. Argilagué, E. Pérez-Martín, M. Nofrarias, C. Gallardo, A. Lacasta, F. Accensi, M. Mora, **M. Ballester**, J.M. Escribano, F. Rodríguez. 2012. DNA vaccination partially protects against African Swine Fever Virus lethal challenge in the absence of antibodies. *PLoS One*, vol. 7(9):e40942

14. J. Vergara-Alert, J. M. Argilagué, N. Busquets, **M. Ballester**, G.E. Martín-Valls, R. Rivas, S. López-Soria, D. Solanes, N. Majó, J. Segalés, V. Veljkovic, F. Rodríguez, A. Darji. 2012. Conserved synthetic peptides from the hemagglutinin of influenza viruses induce broad humoral and T-cell responses in a pig model. *PLoS One*, vol. 7(7):e40524

15. J. Corominas, Y. Ramayo, A. Castelló, M. Muñoz, N. Ibañez-Escriche, J.M. Folch and **M. Ballester**. 2012. Evaluation of the porcine acyl-CoA synthetase long-chain 4 gene (ACSL4) as candidate gene for meat quality traits in pigs. *Animal Genetics*, vol. 43(6):714-720

16. L. Martínez-Guinó, **M. Ballester**, J. Segalés and T. Kekarainen. 2011. Expression profile and subcellular localization of Torque teno sus (TTSuV) viral proteins. *Journal of General Virology*, vol. 92(10):2446-2457

17. **M. Ballester**, C. Rodríguez-Cariño, M. Pérez, C. Gallardo, J.M. Rodríguez, M.L. Salas and F. Rodríguez. 2011. Disruption of Nuclear Organization during the Initial Phase of African Swine Fever Virus Infection. *Journal of Virology*, vol. 85:8263-9

18. **M. Ballester**, I. Galindo, C. Gallardo, J.M. Argilagué, J. Segalés, J.M. Rodríguez and F. Rodríguez. 2010. Intranuclear detection of African swine fever virus (ASFV) DNA in several cell-types from formalin-fixed and paraffin-embedded tissues using a new in situ hybridisation (ISH) protocol. *Journal of Virological Methods*, vol. 168:38-43

19. E. Crisci*, **M. Ballester***, J. Domínguez, J. Segalés and M. Montoya. 2010. Increased numbers of myeloid and lymphoid IL-10 producing cells in spleen of pigs with naturally occurring postweaning multisystemic wasting syndrome. *Veterinary immunology immunopathology*, vol. 136:305-310 (*equal contribution)

20. C. Kress, **M. Ballester**, E. Devinoy, M. Rijnkels. 2010. Epigenetic modifications in 3D: nuclear organization of the differentiating mammary epithelial cell. *Journal of Mammary Gland Biology and Neoplasia*, vol. 15(1):73-83
21. A. Olvera, **M. Ballester**, M. Nofrerías, M. Sibila and V. Aragon. 2009. Differences in phagocytosis susceptibility in *Haemophilus parasuis* strains. *Veterinary Research*, vol. 40(3):24
22. **M. Ballester**, C. Kress, C. Hue-Beauvais, K. Kiêu, G. Lehmann, P. Adenot and E. Devinoy. 2008. The nuclear localization of WAP and CSN genes is modified by lactogenic hormones in HC11 cells. *Journal of Cellular Biochemistry*, vol. 105:262-270
23. M.B. Montazer-Torbati, C. Hue-Beauvais, S. Droineau, **M. Ballester**, N. Coant, E. Aujean, M. Petitbarat, M. Rijnkels and E. Devinoy. 2008. Epigenetic modifications and chromatin loop organization explain the different expression profiles of the Tbrg4, WAP, and Ramp3 genes. *Experimental Cell Research*, vol. 314: 975-987
24. **M. Ballester**, A. Mercader, B. Van Haandel, J. Santamartina and A. Sánchez. 2007. Individual identification and genetic traceability in the pig using the SNPlex™ genotyping system. *Animal Genetics*, vol. 38:663-665
25. **M. Ballester**, A. Sánchez, J. Santaló, J.M. Folch and E. Ibáñez. 2006. Expression of recombinant human follicle-stimulating hormone in the mammary gland of transgenic mice. *Molecular Biotechnology*, vol. 34:37-44
26. M.T. Sardina, **M. Ballester**, J. Marmi, R. Finocchiaro, J.B.C.H.M. van Kaam, B. Portolano and J.M. Folch. 2006. Phylogenetic analysis of Sicilian goats reveals a new mtDNA lineage. *Animal Genetics*, vol. 37:376-378
27. **M. Ballester**, M.T. Sardina and J.M. Folch. 2006. Polymorphism and chromosomal localization of the porcine Signal Transducer and Activator of Transcription 5B gene (*STAT5B*). *Journal of Animal Breeding and Genetics*, vol. 123:284-287
28. M.T. Sardina, **M. Ballester** and J.M. Folch. 2006. Assignment of Signal Transducer and Activator of Transcription 5A (*STAT5A*) gene to porcine chromosome 12p11→13 by radiation hybrid mapping. *Cytogenetic and Genome Research*, vol. 112(3-4): 342J
29. **M. Ballester**, A. Sánchez and J.M. Folch. 2005. Assignment of the Phospholipase C-β1 (*PLC-β1*) gene to porcine chromosome 17. *Animal Genetics*, vol. 36: 516-517
30. **M. Ballester**, A. Sánchez and J.M. Folch. 2005. Polymorphisms in the goat β-lactoglobulin gene. *Journal of Dairy Research*, vol. 72, pp. 379-384
31. **M. Ballester**, A. Sánchez and J.M. Folch. 2005. Assignment of the β-lactoglobulin (β-Ig) gene to porcine chromosome 1. *Animal Genetics*, vol. 36: 356-358
32. **M. Ballester**, J. Molist, M. López-Bejar, A. Sánchez, J. Santaló, J.M. Folch and E. Ibáñez. 2004. Disruption of the mouse phospholipase C-β1 gene in a β-lactoglobulin transgenic line affects viability, growth, and fertility in mice. *Gene*, vol. 341, pp. 279-289
33. **M. Ballester**, A. Castelló, E. Ibáñez, A. Sánchez and J.M. Folch. 2004. Real-time quantitative PCR-based system for determining transgene copy number in transgenic animals. *Biotechniques*, vol. 37, pp. 610-613

Submitted publications: 2

34. A. Puig-Oliveras, Y. Ramayo-Caldas, J. Corominas, J. Estellé, D. Pérez, N. Hudson, J. Casellas, J.M. Folch, **M. Ballester**. Differences in Muscle Transcriptome among Pigs Phenotypically Extreme for Fatty Acid Composition. Second revision *PLoS One*

	35. O. Ramírez*, W. Burgos-Paz*, E. Casas, M. Ballester, E. Bianco, I. Olalde, V. Novella, M. Gut, C. Lalueza-Fox, M. Saña, M. Pérez-Enciso. The genome of a 16th century pig illuminates modern breed relationships and discloses specific selection targets. Under review in <i>Heredity</i>
Presentations as invited speaker	Antiviral strategies against African swine fever virus. CRESA. 15/10/2010; Bellaterra, Catalonia, Spain "Nuevas evidencias sobre la existencia de una fase nuclear durante la infección con el virus de la peste porcina Africana: experimentos preliminares". Catalan biology society. 16/04/2009; Barcelona, Catalonia, Spain Study of Nuclear organization of milk protein genes in mammary epithelial cells. Chromatin club. INRA. 27/06/2008; Jouy-en-Josas, Île de France
Authored books or book chapter(s)	M. Ballester and F. Rodríguez Chapter 15: In situ hybridization with labeled probes: assessment of African swine fever virus in formalin-fixed paraffin-embedded tissues. Molecular Diagnostics and high-throughput strategies in Veterinary Infection Biology, Springer Science + Business Media, 2014
Graduate teaching as lecturer or training coordinator	Teaching experience: Academic courses: 2003-2004, 2004-2005. Department of Animal and Food Sciences, Autonomous University of Barcelona. Teaching on Molecular Genetic practices in the Veterinary degree. Academic course 2005-2006. Department of Animal and Food Sciences, Autonomous University of Barcelona. Teaching on Molecular Genetic seminars in the Veterinary degree. Co-direction of three final degree works from Verona University (2012), Istanbul University (2009) and Universitat Autònoma de Barcelona (2005).
Awards and prizes, if any	<ul style="list-style-type: none"> • 10/2012. International Training School Award (Rabbit and Pig Genome Analysis Reference). European Cooperation in Science and Technology (COST action) • 2011. Prize Microscopy at the frontiers of science to the poster: An approach to localize PCV2 in pig tissues at structural and ultrastructural levels. Aveiro (Portugal) • 2009. Prize ESVP/ECVP to the poster: New rapid and sensible in situ hybridisation (ISH) protocol to detect African Swine Fever Virus (ASFV). Olsztyn-Krakow (Poland) • 2007. Prize JAS to the poster: Étude de l'organisation nucléaire dans la glande mammaire. Tours (France) • 2006. Prize ISAG to the poster: Use of SNP markers for individual identification and genetic traceability in the pig based on the SNPlex™ Genotyping System. Porto Seguro (Brazil) • 2005. Award to the Best PhD Student in Animal and Food Sciences by the Autonomous University of Barcelona • 1999. Third position in the European meeting organized by IAMS EUROPE, INC (Malta) • 1998-1999. Award to the "Best of class in Nutrition", IAMS EUROPE, inc. <p>SCHOLARSHIPS, FELLOWSHIPS 2008-2010. Juan de la Cierva Postdoctoral fellowship of Spanish Ministry of Science & Innovation (Call 2007) 2006-2007. Beatriu de Pinós Postdoctoral fellowship of the Agency for Management of University and Research Grants (AGAUR) (Generalitat de Catalunya) (Call 2005) 2001-2004. FI fellowship of the Agency for Management of University and Research Grants (AGAUR) (Generalitat de Catalunya) to do a PhD in the Department of Animal and Food Sciences of the Autonomous University of Barcelona (UAB) (Call 2000)</p>

Collaboration and Networking

Participation in collaborative projects funded by competitive programmes	1. Project title: Application of Genomics and Massive Parallel Sequencing methods to the study of genetic variants that regulate growth, conformation and meat quality in pigs. Financial entity: Ministerio de Ciencia e Innovación (AGL2011-29821-C02-01) Length: 2012-2014 Principal Researcher: Josep M. Folch Albareda
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	<p>2. Project title: Characterization of the immunological mechanisms involved in protection against African swine fever virus (ASFV) and development of vaccines against the virus Financial entity: MICINN (AGL2010-22229-C03-01/GAN) Length: 2011-2013 Principal Researcher: Dr. Fernando Rodríguez</p> <p>3. Project title: New influenza vaccine formulations. Development of a potential universal vaccine produced at low cost. Financial entity: INIA (RTA 2010-00084-C02-02) Length: 2011-2013 Principal Researcher: Dr. Ayub Darji</p> <p>4. Project title: Centro de genómica básica y de orientación agroalimentaria, Consolider-Ingenio 2010. Financial entity: MEC (CDS2007-00036) Length: 2007-2012 Principal Researcher: Dr. Pere Puigdomènech Rosell</p> <p>5. Project title: Pathogenesis of porcine viral infections (PORCIVIR), Consolider-Ingenio 2010. Financial entity: MEC (CDS2006-00007) Length: 2006-2011 Principal Researcher: Dr. Mariano Domingo Álvarez.</p> <p>6. Project title: Development of new strategies to control de African Swine Fever Financial entity: MEC (AGL2007-66441-C03-01/GAN) Length: 2008-2010 Principal Researcher: Dr. Fernando Rodríguez</p> <p>7. Project title: Control of Porcine Circovirus Diseases (PCVDs): Towards improved food quality and safety. Financial entity: Sixth Framework Programme 2002-2006 of the European Commission Length: 2004-2008 Principal Researcher: Dr. Joaquim Segalés.</p> <p>8. Project title: "Architecture nucléaire: modélisation spatiale et application à la compréhension des mécanismes de différenciation/dédifférenciation." Financial entity: INRA, Programme agroBi: programme fédérateur INRA de biologie intégrative animale, végétale et microbienne. Length: from June 2006 to June 2008 Principal Researcher: Dra. Pascale Debey.</p> <p>9. Project title: Production of genetically modified organisms: Development of cloning techniques to obtain transgenic animals that produce proteins of economic interest. Financial entity: CICYT (AGL2000-0687) Length: from July 2001 to July 2004 Principal Researcher: Dr. Josep Santaló.</p>
Partnerships or experience with industry	<p>1. Contract title: Development of a molecular diagnostic tool for the detection of the specific origin (porcine, bovine, ovine, and caprine) in heparin samples. Financial company: BIOIBERICA S.A. Length: from 2005 to 2007 Principal Investigator: Dr. Armand Sánchez.</p> <p>2. Contract title: Genomic analysis in a porcine global scheme. Financial company: HYPOR Spain GPSA; CDTI: 050161 Length: from 2004 to 2006 Principal Investigator: Dr. Armand Sánchez.</p>

<p>University or post-graduate programme leader</p>	
<p>Graduate teaching as lecturer or training coordinator; PhD supervision</p>	<p>MASTERS THESES:</p> <ul style="list-style-type: none"> • Daniel Crespo. 2014 (in course). Characterization and validation of porcine CNVRs and study of its effect on the variation of economically important traits in pigs. Universitat de Barcelona. • Natalia Blay. 2014 (in course). Identification and characterization of candidate genes affecting fatness traits in pigs. Universitat Autònoma de Barcelona. • Manuel Revilla. 2012-2013. Analysis of candidate genes for fatty acid metabolism in pigs. Universitat Autònoma de Barcelona and Universitat Politècnica de Valencia. Mark: Excellent • Jordi Corominas Galbany. 2009-2010. Candidate genes for meat quality traits in pigs. Universitat Autònoma de Barcelona. Mark: Distinction • Francy Montoya. 2008-2009. Development of new diagnostic tools and vaccine strategies to control de African swine fever virus. Universitat de Barcelona and Universitat Autònoma de Barcelona. Mark: Excellent <p>PHD THESIS</p> <ul style="list-style-type: none"> • Manuel Revilla (2014-, in course). Application of new genomics techniques to improve meat quality in pigs. Universitat Autònoma de Barcelona. (Co-director). • Anna Puig (2011-, in course). Application of new genomics techniques to the study of genetic variants that regulate growth and conformation in pigs. Universitat Autònoma de Barcelona. (Co-director). • Jordi Coromines (2009-2013). Functional genomics and candidate genes for meat quality traits in pigs. Universitat Autònoma de Barcelona. (Co-director). Mark: Honors European Mention.
<p>Membership of professional bodies and committees</p>	<p>SCIENTIFIC ADVISORY COMMITTEES 2009-2011. Research commission of CRESA. Research Centre on Animal Health (CRESA). Bellaterra, Catalonia, Spain</p> <p>PARTICIPATION IN RESEARCH, DEVELOPMENT OR INNOVATION GROUPS/TEAMS Name of the group: Molecular Genetics applied to Animal Breeding (2009SGR100) Name of the group's manager: Armand Sánchez Institution the group belongs to: Universitat Autònoma de Barcelona Start date: 2013, 5 years</p> <p>Name of the group: Veterinary Immunology (IMMUNOVET) (2009SGR1010) Name of the group's manager: Enric Mateu Institution the group belongs to: Centre de Recerca en Sanitat Animal Start date: 2009, 5 years</p> <p>MEMBERSHIP OF THEMATIC NETWORKS Member of the workpackage #1 on the rabbit genome in the COST action RGB-Net (http://www.biocomp.unibo.it/rabbit/)</p>
<p>Other experience and skills relevant to the application</p>	<p>RESEARCH SKILLS During my research career I gained experience in a wide range of molecular and cellular biology approaches, cell culture techniques, as well as animal handling or image processing skills. The integration of all these skills is a crucial component to succeed in the correct methodological development of this project. Furthermore, my knowledge on gene expression regulation at the three levels (sequence, chromatin and nuclear organisation) will allow me to apply different approaches to better understand the genetic basis of immunocompetence traits.</p> <p>PATENTS 1. "Torque Teno Virus Diagnostics" patented by INTERVET INTERNATIONAL BV. European</p>

	<p>patent Application 2011-05-31 as 11168280.3. Publication: 2012-12-05 as PCT/EP2012/060109. Main IPC Subclass: C12Q 1/70</p> <p>2. Use of a genic and/or peptidic construction to manufacture a vaccine to prevent and/or control of African swine fever virus infection (VPPA) patented by CRESA. P26002ES00.mem 346863. 2011</p> <p>POST-DOCTORAL STAGES</p> <p>From January 2011. CRAG, Barcelona (Spain). Researcher: Dr. Josep M Folch</p> <p>From January 2008 to December 2011. CRESA, Barcelona (Spain). Researcher: Dr. Fernando Rodríguez</p> <p>March 2011. CBMSO, Madrid (Spain). Researcher: Dr. M.L Salas</p> <p>November 2010. CBMSO, Madrid (Spain). Researcher: Dr. M.L Salas</p> <p>From June 2006 to January 2008. Unité de Génomique et Physiologie de la lactation, INRA. Jouy en Josas Cedex (France). Researcher: Dr. Eve Devinoy</p> <p>TALKS AND POSTER PRESENTATIONS</p> <p>I contributed 53 times to international (36 of them 10 oral communications) and national (17 of them 11 oral communications) congresses</p> <p>ACCREDITATION FOR TEACHING WORK</p> <ul style="list-style-type: none"> • AQU accreditation for Tenured assistant professor. 2013 • AQU accreditation for tenure-track lecturer. 2008 • FELASA accreditation for experimental animal manipulation. 2008 • Certificate of Pedagogic Aptitude. Autonomous University of Barcelona. Academic course. 2005-06 <p>PEER REVIEWER</p> <p><i>Journal of Dairy Research, BMC Veterinary Research, Molecular Biotechnology, Spanish Journal of Agricultural Research</i></p> <p>PROFESIONAL TRAINING</p> <p><i>"Training School in Genomics/Bioinformatics: Rabbit and Pig Genome Analysis Reference".</i> European Cooperation in Science and Technology, Norwich (U.K.). From 22nd to 26th of October, 2012.</p> <p><i>"III International Course in Automated Functional Annotation and Data Mining".</i> Prince Felipe Research Institute, Valencia. 28th to 30th of September, 2011.</p> <p><i>"Atelier de microscopie confocale".</i> Centre de Formation du CNRS, Ile de France Sud, Gif-sur-Yvette, 9 au 12 Octobre, 2006.</p> <p><i>"L'ABC du traitement de l'image numérique"</i> Département Caractérisation et Elaboration des Produits Issus de l'Agriculture, Ecole-Chercheurs, INRA. Batz Sur Mer, 3 au 6 Octobre, 2006.</p> <p><i>"Statistical Genetic Analysis of Complex Traits Using Molecular Markers and Microarrays"</i> (33 hores). Dept. Animal and Food Sciences. Universitat Autònoma de Barcelona. May 2006.</p> <p><i>"Understanding Genetic Variation"</i> (25 hores). Dept. Animal and Food Sciences. Universitat Autònoma de Barcelona. May 2005.</p> <p><i>"Introduction to laboratory risk prevention for the Veterinary Faculty"</i> (20 hours). Instituto Nacional de Seguridad y Higiene en el trabajo. Universitat Autònoma de Barcelona. September 2004.</p>
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Scientific References

Full name	Dr. Josep M. Folch Albareda
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Position	Professor at Autonomous University of Barcelona, Dept. Animal and Food Sciences
Institution	Centre for Research in Agricultural Genomics, Barcelona, Spain
Email address	josepmaria.folch@uab.cat

Full name	<i>Dr. Eve Devinoy</i>
Position	Directeur de recherches, UR1196 Génomique et Physiologie de la Lactation
Institution	Institut National de la Recherche Agronomique (INRA), Jouy en Josas, France
Email address	eve.devinoy@jouy.inra.fr

Full name	<i>Dr Joaquim Segalés i Coma</i>
Position	Director of Research Centre on Animal Health (CReSA)
Institution	CReSA, Barcelona, Spain
Email address	joaquim.segales@cresa.uab.cat

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