

# Curriculum Vitae

## Carlos Piñeiro Noguera

### Summary

Carlos Piñeiro Noguera holds a PhD from the University of Meiji-Tokyo, a Diploma from the European College of Porcine Health Management, and a specialist in Animal Impact Assessment from the Polytechnic University of Madrid. Member of the Association of Veterinary Consultants, of the steering committee of the European College of Porcine Health Management, of the Task Force on Reactive Nitrogen, member of the Spanish Working Group for the discussion of the Industrial Emissions Directive and member of the Environmental Management Group in Swine Production coordinated by the Autonomous University of Mexico, Xochimilco Unit. He is also a member of the Focal Group for Digitization and Big Data in the Agrifood, Forestry and Rural Sector, recently created by MAPAMA (2017).

For the last 18 years he has been the director of PigCHAMP Pro Europa S.A. Specialization and current lines of research: Information Systems in animal production and health and Contract Research in commercial farms in animal production, food, health, management, animal welfare and environment. Expert in data management and analysis of productivity and pig health, management of more than 20 national and international applied research projects, 23 publications in indexed scientific journals, more than 100 papers in scientific conferences and 5 chapters in books specialized in production, animal health and environment.

### 1 Books (Begin with the most recent)

№	Date of Publication	“Title”, Authorship and co-authorship, Publishers, Page indication (first and last)
1	November 2016	(Book – refereed, first-author) “Spanish Pig Sector, latest trends and current situation in the first EU producer”, <u>C. Piñeiro</u> , Prospects and Challenges for The Development of Pig Production in Poland. Eu and National Formal - Legal Constraints’, Warsaw: Polish Association of Employers and Pig Producers, pp 25 – 49.
2	May 2015	(Book – refereed, co-author) “Economics of Low Nitrogen Feeding Strategies. Ad M. van Vuuren, <u>C. Piñeiro</u> , K. Van der Hoek, O. Oenema. Cost of Ammonia Abatement and the Climate Co-Benefits, Dordrecht: Springer, Chapter 3, pp 35 – 51.
3	May 2015	(Book – refereed, co-author) “Ammonia Abatement by Animal Housing Techniques” G. Montalvo, <u>C. Piñeiro</u> , M. Herrero, M. Bigeriego, W. Prins Cost of Ammonia Abatement and the Climate Co-Benefits, Dordrecht: Springer, Chapter 4, pp 53 – 74.
4	2012	(Book – refereed, co-author)

Nº	Date of Publication	“Title”, Authorship and co-authorship, Publishers, Page indication (first and last)
5	2005	<p>“Ammonia and methane emissions from a dairy farm in Segovia (Spain)”, F. Sanz, G. Montalvo, A. L. López, <u>C. Piñeiro</u>, M. Bigeriego, M. J. Sanz, Animal farming and environmental interactions in the Mediterranean region/ EAAP – European Federation of Animal book series Sciences, Wageningen: Academic Publishers, Vol 131 pp 57 – 61. (Book – refereed, first-author)</p>
6	1995	<p>“Integrated pollution, prevention and control implementation in Spain: Ongoing and future work”, <u>C. Piñeiro</u>, G. Montalvo, M. Bigeriego, M. Herrero, Emissions from European agriculture, Wageningen: Academic Publishers, Chapter 22, pp 281 – 292. (Book – refereed, co-author)</p>
7	1992	<p>“Green book del veterinario 95: pequeños animales”, <u>C. Piñeiro</u>, J. M. Garráiz, N. Martín, J.M. Amigo, Madrid: Marban (Book – refereed, co-author)</p> <p>“Green book del veterinario 92: pequeños animales”, <u>C. Piñeiro</u>, J. M. Garráiz, N. Martín, Madrid: Marban</p>

## 2 Professional Publications (Begin with the most recent)

Nº	Date of Publication	“Title”, Authorship and co-authorship, Publishers, Page indication (first and last)
<b>【Peer-reviewed】</b>		
1	February 2019	<p>“Influence of sows’ parity on performance and humoral immune response of the Offspring” C. Piñeiro, A. Manso, E.G. Manzanilla, J. Morales. Porcine Health Management 2019, Volume 5:1, Springer Nature <a href="https://doi.org/10.1186/s40813-018-0111-8">https://doi.org/10.1186/s40813-018-0111-8</a></p>
2	January 2019	<p>(Research papers – refereed, co-author) “Incidences and risk factors for prolapse removal in Spanish sow herds”, R. Lida, C. Piñeiro, Y. Koketsu, Preventive Veterinary Medicine, Available online 3 January 2019, In Press, Accepted Manuscript, Elsevier</p>
3	September 2018	<p>(Research papers – refereed, co-author) “Factors associated with specific health, welfare and reproductive performance indicators in pig herds from five EU countries”, I. Chantziaras, J. Dewulf, T. Van Limbergen, M. Klinkenberg, A. Palzer, L. Maximilians C. Piñeiro, V.Aarestrup Moustsen, J. K. Niemi, I. Kyriazakis, D. Maes, Preventive Veterinary Medicine, Volume 159, pp 106 –114, Elsevier</p>
4	July 2018	<p>(Research papers – refereed, co-author) “High-performing farms exploit reproductive potential of high and low prolific sows better than low-performing farms”, S. Tani, C. Piñeiro, Y. Koketsu, Porcine Health Management 2018, Volume 4:15, Springer</p>
5	April 2018	<p>(Research papers – refereed, co-author)</p>

№	Date of Publication	“Title”, Authorship and co-authorship, Publishers, Page indication (first and last)
6	April 2018	<p>“Repeatability and Subsequent Reproductive Performance of Parity 1 Sows That Had Weaning-to-First-Service Interval of 0-3, 4, 5, 6, 7-20 or 21 Days or More”, Y. Yatabe, C. Piñeiro, Y. Koketsu, Journal of Animal Science, Volume 96 (2), pp 265–266, American Society of Animal Science</p> <p>(Research papers – refereed, co-author)</p>
7	April 2018	<p>“Risk factors for culling intervals and lifetime performance on commercial breeding farms”, S. Tani, C. Piñeiro, Y. Koketsu, Journal of Animal Science, Volume 96 (2), pp 88–89, American Society of Animal Science</p> <p>(Research papers – refereed, co-author)</p> <p>“Incidence and risk factors for prolapse in Spanish female breeding pig herds”, R. Lida, C. Piñeiro, Y. Koketsu, Journal of Animal Science, Volume 96 (2), pp 46–47, American Society of Animal Science</p>
8	April 2018	<p>(Research papers – refereed, co-author)</p> <p>“Lameness culling risks and relative risk ratios for gilts and sows on commercial farms”, S. Tani, Y. Yatabe, C. Piñeiro, Y. Koketsu, Journal of Animal Science, Volume 96 (2), pp 40–41, American Society of Animal Science</p>
9	April 2018	<p>(Research papers – refereed, co-author)</p> <p>“Returned gilts and their subsequent reproductive performance on commercial farms”, S. Tani, C. Piñeiro, Y. Koketsu, Journal of Animal Science, Volume 96 (2), pp 40, American Society of Animal Science</p>
10	February 2018	<p>(Research papers – refereed, co-author)</p> <p>“Culling in served females and farrowed sows at consecutive parities in Spanish pig herds”, S. Tani, C. Piñeiro, Y. Koketsu, Porcine Health Management 2018, Volume 4:3, Springer</p>
11	December 2017	<p>(Research papers – refereed, co-author)</p> <p>“Surgical castration with pain relief affects the health and productive performance of pigs in the suckling period”, J. Morales, A. Dereu, A. Manso, L. de Frutos, C. Piñeiro, E.G. Manzanilla, N. Wuyts, Porcine health management, Vol 3:18, Springer</p>
12	November 2017	<p>(Research papers – refereed, co-author)</p> <p>“Behavior, displacement and pregnancy loss in pigs under an electronic sow feeder”, R. Lida, C. Piñeiro, Y. Koketsu, The Journal of Agricultural Science, Vol 9 (12), pp 43 – 53, Canadian Center of Science and Education</p>
13	June 2017	<p>(Research papers – refereed, co-author)</p> <p>“Characteristics and risk factors for severe repeat-breeder female pigs and their lifetime performance in commercial breeding herds”, S. Tani, C. Piñeiro, Y. Koketsu, Porcine health management, Vol 3:12, Springer</p>
14	March 2017	<p>(Research papers – refereed, co-author)</p> <p>“Mortality and survival probability of female pigs in Southern European commercial breeding herds”, S. Tani, C. Piñeiro, Y. Koketsu, Journal of Agricultural Science, Vol 9 (4), pp 38 – 50, Canadian Center of Science and Education</p>

№	Date of Publication	“Title”, Authorship and co-authorship, Publishers, Page indication (first and last)
15	March 2017	(Research papers – refereed, co-author) “Mortality and survival probability of breeding-female pigs in southern European commercial herds“, S. Tani, C. Piñeiro, Y. Koketsu, Journal of Animal Science, Vol 95 (5), pp 50 – 51, American Society of Animal Science
16	April 2016	(Research papers – refereed, co-author) “Recurrence patterns and factors associated with regular, irregular, and late return to service of female pigs and their lifetime performance on southern European farms”, S. Tani, C. Piñeiro, Y. Koketsu, Journal of Animal Science, Vol 94 (5), pp 1924 – 1932, American Society of Animal Science
17	January 2016	(Research papers – refereed, co-author) “Abortion occurrence, repeatability and factors associated with abortions in female pigs in commercial herds”, R. Iida, C. Piñeiro, Y. Koketsu, Livestock Science, Vol 185, pp 131 – 135, Elsevier
18	June 2015	(Research papers – refereed, co-author) “Effect of micellized natural (D- $\alpha$ -tocopherol) vs. synthetic (DL- $\alpha$ -tocopheryl acetate) vitamin E supplementation given to turkeys on oxidative status and breast meat quality characteristics”, A. I. Rey, J. Segura, A. Olivares, A. Cerisuelo, C. Piñeiro, C. J. López-Bote, Poultry Science, Vol 94 (6), pp 1259 – 1269, Poultry Science Association
19	May 2015	(Research papers – refereed, co-author) “High lifetime and reproductive performance of sows on southern European Union commercial farms can be predicted by high numbers of pigs born alive in parity one”, R. Iida, C. Piñeiro, Y. Koketsu, Journal of Animal Science, Vol 93, pp 2501 – 2508, American Society of Animal Science
20	Nov– Dec 2014	(Research papers – refereed, first-author, corresponding author) “Individual Pig Care program improves productive performance and animal health in nursery-growing pigs”, C. Piñeiro, J. Morales, A. Dereu, N. Wuyts, O. Azlor, E. Vizcaino, P. Doncecchi, Journal of Swine Health and Production, Vol 22 (6), pp 296 – 299, American Association of Swine Veterinarians
21	April 2013	(Research papers – refereed, co-author) “Effect of different dietary strategies on gas emissions and growth performance in post-weaned piglets”, G. Montalvo, J. Morales, C. Piñeiro, S. Godbout, M. Bigeriego, Spanish Journal of Agricultural Research, Vol 11 (4), pp 1016 – 1027, Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA)
22	November 2013	(Research papers – refereed, co-author) “The use of acute phase proteins for monitoring animal health and welfare in the pig production chain: The validation of an immunochromatographic method for the detection of elevated levels of pig-MAP”, M. Piñeiro, J. Morales, E. Vizcaíno, J. A. Murillo, T. Klauke, B. Petersen, C. Piñeiro, Meat Science, Vol 95, pp 712 – 718, Elsevier
23	December 2012	(Research papers – refereed, co-author) “Zinc oxide at low supplementation level improves productive performance and health

№	Date of Publication	“Title”, Authorship and co-authorship, Publishers, Page indication (first and last)
24	September 2011	<p>status of piglets”, J. Morales, G. Cordero, C. Piñeiro, S. Durosoy, Journal of Animal Science, Vol 90, pp 436 – 438, American Society of Animal Science</p> <p>(Research papers – refereed, co-author)</p>
25	March 2011	<p>“Conjugated linoleic acid (CLA) during last week of gestation and lactation alters colostrum and milk fat composition and performance of reproductive sows”, G. Cordero, B. Isabel, J. Morales, D. Menoyo, C. Piñeiro, A. Daza, C.J. López-Bote, Animal Feed Science and Technology, Vol 168, pp 232-240, Elsevier</p> <p>(Research papers – refereed, co-author)</p>
26	September 2010	<p>“Effect of dietary CLA administration on fatty acid composition and lipogenic and lipolytic enzyme activities in suckling and weaned piglets”, G. Cordero, B. Isabel, J. Morales, D. Menoyo, C. Piñeiro, C.J. López-Bote, Animal Feed Science and Technology, Vol 164, pp 232 – 240, Elsevier</p> <p>(Research papers – refereed, co-author)</p>
27	2010	<p>“Evaluation of production performance and carcass quality characteristics of boars immunized against gonadotropin-releasing hormone (GnRH) compared with physically castrated male, entire male and female pigs”, J. Morales, M. Gispert, M. Hortos, J. Pérez, P. Suárez, C. Piñeiro, Spanish Journal of Agricultural Research Vol 8(3) pp 599 – 606, Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA)</p> <p>(Research papers – refereed, co-author)</p>
28	June 2010	<p>“Dietary CLA supplementation and gender modify fatty acid composition of subcutaneous and intramuscular fat in Iberian x Duroc finishing heavy pigs”, G. Cordero, B. Isabel, D. Menoyo, A. Daza, J. Morales, C. Piñeiro, C.J. López-Bote, Spanish Journal of Agricultural Research, Vol 8(4), pp 962 – 970, Instituto Nacional de Investigación y Tecnología Agraria y Alimentaria (INIA)</p> <p>(Research papers – refereed, co-author)</p>
29	October 2009	<p>“Dietary CLA alters intramuscular fat and fatty acid composition of pig skeletal muscle and subcutaneous backfat”, G. Cordero, B. Isabel, D. Menoyo, A. Daza, J. Morales, C. Piñeiro, C.J. López-Bote, Meat Science, Vol 85, pp 235 – 239, Elsevier</p> <p>(Research papers – refereed, co-author)</p>
30	January 2009	<p>“Meat juice: an alternative matrix for assessing animal health by measuring acute phase proteins. Correlations of PigMAP and haptoglobin concentrations in pig meat juice and plasma”, M. Piñeiro, S. Gymnich, S. Knura, C. Piñeiro, B. Petersen, Research in Veterinary Science, Vol 89, pp 273 – 276, Elsevier</p> <p>(Research papers – refereed, first-author)</p>
31	May 2007	<p>“Pig-MAP and haptoglobin concentration reference values in swine from commercial farms”, C. Piñeiro, M. Piñeiro, J. Morales, M. Andrés, E. Lorenzo, M. del Pozo, M.A. Álava, F. Lampreave, The Veterinary Journal, Vol 179, pp 78 – 84, Elsevier</p> <p>(Research papers – refereed, co-author)</p>
		<p>“Dietary nucleotide supplementation reduces occurrence of diarrhoea in early weaned pigs”, D. Martínez-Puig, E.G. Manzanilla, J. Morales, E. Borda, J.F. Pérez, C. Piñeiro, C.</p>

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Nº	Date of Publication	“Title”, Authorship and co-authorship, Publishers, Page indication (first and last)
32	February 2007	Chetrit, Livestock Science, Vol 108, pp 276 – 279, Elsevier (Research papers – refereed, first-author) “Pig Acute-Phase Protein levels after stress induced by changes in the pattern of food administration”, C. Piñeiro, M. Piñeiro, J. Morales, R. Carpintero, F.M. Campbell, P. D. Eckersall, M.J.M. Toussaint, M.A. Alava, F. Lampreave, Animal, Vol11, pp 133 – 139, Cambridge University Press
33	May 2007	(Research papers – refereed, co-author) “Characterisation of the pig acute phase protein response to road transport”, M. Piñeiro, C. Piñeiro, R. Carpintero, J. Morales, F.M. Campbell, P.D. Eckersall, M.J.M. Toussaint, F. Lampreave, The Veterinary Journal, Vol 173 (3), pp 473 – 474, Elsevier
34	May – June 2004	(Research papers – refereed, co-author) “Haptoglobin and pig-major acute protein are increased in pigs with postweaning multisystemic wasting syndrome (PMWS)”, J. Segalés, C. Piñeiro, F. Lampreave, M. Nofrarías, E. Mateu, M. Calsamiglia, M. Andrés, M. Piñeiro, J. Morales, M. Domingo, Veterinary Research, Vol 35(3), pp 275 – 282, EDP Sciences
<b>【Non-peer-reviewed】</b>		

### 3 Translations, Book Reviews, Creative Works, etc. (Begin with the most recent)

Nº	Date of Publication	Category	“Title”, Authorship and co-authorship, Publishers, Page indication (first and last)

### 4 Conference Presentations (Begin with the most recent)

Nº	Date of Publication	“Title”, Presenter and co-presenter, Name of Conference, Venue
1	June 2018	(Poster presentation – co-author) “PRRSV infection status linked to staff movements” I. Díaz, J. Morales, <u>C. Piñeiro</u> , M. Jiménez-Martín, 25th International Pig Veterinary Society congress, Chongqing (China)
2	June 2018	(Poster presentation – co-author) “Case study of PRRS virus control through B-eSecure internal biosecurity program” I. Díaz, M. Jiménez-Martín, J. Morales, <u>C. Piñeiro</u> , 25th International Pig Veterinary Society congress, Chongqing (China)
3	August – September 2017	(Poster presentation – co-author) “Culling risks for served females and farrowed sows at consecutive parities in served gilt cohorts in commercial herds”, S. Tani, <u>C. Piñeiro</u> , Y. Koketsu, 68th Annual Meeting, European Association for Animal Production (EAAP), Tallinn (Estonia)
4	August – September 2017	(Poster presentation – co-author) “Characteristics of high and low prolific sows on high-performing Spanish farms”, S. Tani, <u>C. Piñeiro</u> , Y. Koketsu, 68th Annual Meeting, European Association for Animal Production (EAAP), Tallinn (Estonia)

№	Date of Publication	“Title”, Presenter and co-presenter, Name of Conference, Venue
5	June 2017	(Poster presentation – co-author) “Productivity of both high and low prolific sows on high-performing farms is greater than those on low-performing farms”, S. Tani, <u>C. Piñeiro</u> , Y. Koketsu, 10th International Conference on Pig Reproduction, Columbia, Missouri, (USA)
6	June 2017	(Poster presentation – co-author) “Characterizing eating behaviour and amount of feed offered to pregnant pigs under an electronic sow feeder system: associations with subsequent farrowing performance”, R. Lida, <u>C. Piñeiro</u> , Y. Koketsu, 10th International Conference on Pig Reproduction, Columbia, Missouri, (USA)
7	June 2016	(Poster presentation – co-author) “Benchmarking for reproductive performance and lifetime performance of female pigs on high-performing farms in Southern Europe”, S. Tani, <u>C. Piñeiro</u> , Y. Koketsu, 24th International Pig Veterinary Society Congress + 8th European Symposium of Porcine Health Management, Dublin (Ireland)
8	June 2016	(Poster presentation – co-author) “Characteristics of repeat-breeding female pigs on southern EU commercial farms”, S. Tani, <u>C. Piñeiro</u> , Y. Koketsu, 24th International Pig Veterinary Society Congress + 8th European Symposium of Porcine Health Management, Dublin (Ireland)
9	June 2016	(Poster presentation – co-author) “Prevalence of lameness and type of lesions in sows in Spanish farms”, I. Díaz, E. Vizcaíno, M. Aparicio, J. Morales, <u>C. Piñeiro</u> , 24th International Pig Veterinary Society congress + 8th European Symposium of Porcine Health Management, Dublin (Ireland)
10	June 2016	(Poster presentation – co-author) “Total born and piglets born alive in the first farrowing are good indicators of sows’ lifetime performance in large Brazilian farms”, N. Lisboa, <u>C. Piñeiro</u> , M. Aparicio, M.A. de Andrés, G. Ramis, 24th International Pig Veterinary Society congress + 8th European Symposium of Porcine Health Management, Dublin (Ireland)
11	June 2016	(Poster presentation – co-author) “Total non-productive days and its categories are improving in Colombian farms in the period 2011-2014”, J.F. Naranjo, M.A. de Andrés, J. Zorro, M. Aparicio, <u>C. Piñeiro</u> , 24th International Pig Veterinary Society Congress + 8th European Symposium of Porcine Health Management, Dublin (Ireland)
12	June 2016	(Oral presentation – co-author) “Physical castration affects the health and productive performance of pigs in the suckling period”, L. de Frutos, J. Morales, A. Manso, <u>C. Piñeiro</u> , A. Dereu, N. Wuyts, 24th International Pig Veterinary Society Congress + 8th European Symposium of Porcine Health Management, Dublin (Ireland)
13	April 2015	(Poster presentation – co-author) “Case report: Monitoring of PCV2 maternal derived antibodies levels in 3 week old piglets in 29 Spanish commercial farms”, S. Figueras, I. Hernández, V. Rodríguez, L.

№	Date of Publication	“Title”, Presenter and co-presenter, Name of Conference, Venue
14	April 2015	Sanjoaquin, A. Finestra, J.A. Varo, <u>C. Piñeiro</u> , 7th European Symposium of Porcine Health Management, Nantes (France) (Poster presentation – co-author) “Efficacy of Porcilis PCV M Hyo in reducing disease in a Spanish herd affected by post – weaning multi-systemic wasting syndrome”, J. Morales, A. Manso, <u>C. Piñeiro</u> , H. Holtslag, T. Nell, 7th European Symposium of Porcine Health Management, Nantes (France)
15	April 2015	(Oral presentation – co-author) “Meta – analysis of the effects of Draxxin® injectable on swine respiratory disease” J. Morales, P. Doncecchi, A. Dereu, <u>C. Piñeiro</u> , E G Manzanilla 7th European Symposium of Porcine Health Management, Nantes (France)
16	July 2014	(Poster presentation – first-author) “Control of water consumption in swine barns; one step-closer to real time management”, <u>C. Piñeiro</u> , P. Castro, J. Morales, G. Montalvo, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), Kansas City, Missouri (USA)
17	June 2014	(Poster presentation – co-author) “Individual Pig Care (IPC) program is able to monitor and evaluate health status in pigs from intensively immunized gilts”, T. Tucci, M. Roveri, E. Tecli, A. Manso, A. Dereu, P. Doncecchi, <u>C. Piñeiro</u> , J. Morales, 23rd International Pig Veterinary Society Congress, Cancún (México)
18	June 2014	(Poster presentation – co-author) “Evolution of sow productivity in Colombia during the last 10 years”, M. Aparicio, M.A. de Andrés, J. Morales, J. Naranjo, W. Silva, D. Rodríguez, <u>C. Piñeiro</u> , 23rd International Pig Veterinary Society Congress, Cancún (México)
19	June 2014	(Poster presentation – co-author) “Evolution of sow productivity in a Brazilian farm during the last 20 years”, M. Aparicio, M.A. de Andrés, J. Morales, N. Lisboa, <u>C. Piñeiro</u> , 23rd International Pig Veterinary Society Congress, Cancún (México)
20	June 2014	(Poster presentation – co-author) “Reducing improper handling during farrowing improves performance in lactation period”, I. Díaz, E. Vizcaíno, L .de Frutos, A. Manso, J. Morales, <u>C. Piñeiro</u> , 23rd International Pig Veterinary Society Congress, Cancún (México)
21	May 2014	(Poster presentation – co-author) “Intensive immunization of gilts improves health status of their progenies”, T. Tucci, M. Roveri, L. Alborali, M. Ferrari, E. Tecli, A. Dereu, P. Doncecchi, <u>C. Piñeiro</u> , J. Morales , 6th European Symposium of Porcine Health Management, Sorrento (Italy)
22	May 2014	(Poster presentation – co-author) “Individual Pig Care (IPC) management program improves health status in nursery pigs in a low-health status farm”, E. Vizcaino, M.L. Rosas, A. Dereu, P. Doncecchi, <u>C. Piñeiro</u> ,



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23	May 2014	<p>J. Morales, 6th European Symposium of Porcine Health Management, Sorrento (Italy) (Poster presentation – co-author)</p> <p>“Comparative study of treatment for post-weaning colibacillosis in piglets with Amoxicillin plus Clavulanic acid via drinking water versus other antibiotic products”, J. Morales, U. Klein, A. Manso, <u>C. Piñeiro</u>, 6th European Symposium of Porcine Health Management, Sorrento (Italy)</p>
24	March 2014	<p>(Poster presentation – co-author)</p> <p>“Evolution of sow productivity in last ten years in American and European swine herds”, M. Aparicio, M.A. de Andrés, J. Morales, R. Pallás, M. N. Lisboa, <u>C. Piñeiro</u>, 45th Annual Meeting, American Association of Swine Veterinarians, Dallas, Texas (USA)</p>
25	May 2013	<p>(Oral presentation – co-author)</p> <p>“Using electronic clinical score in swine herds to set management decisions: one year of experience of IPC in Europe”, O. Azlor, A. Dereu, P. Doncecchi, <u>C. Piñeiro</u>, J. Morales, 5th European Symposium of Porcine Health Management, Edinburgh, (United Kingdom)</p>
26	May 2013	<p>(Poster presentation – co-author)</p> <p>“Hyper-immunization of primiparous sows improves productive performance of their offspring in nursery period”, T. Tucci, M. Roveri, L. Alborali, M. Ferrari, E. Tecli, O. Azlor, P. Doncecchi, <u>C. Piñeiro</u>, J. Morales, 5th European Symposium of Porcine Health Management, Edinburgh, (United Kingdom)</p>
27	June 2012	<p>(Poster presentation – co-author)</p> <p>“Effect of farm size on effectiveness of human resources”, M. Collell, <u>C. Piñeiro</u>, J. Gasa, 22nd International Pig Veterinary Society Congress, Jeju (Korea)</p>
28	June 2012	<p>(Oral presentation – co-author)</p> <p>“Immunological castration decreases aggression in male pigs co-penned with females in the late fattening period”, J. Morales, <u>C. Piñeiro</u>, S. Wilson, E.G. Manzanilla, I. Nanjiani, N. Wuyts, 22nd International Pig Veterinary Society Congress, Jeju (Korea)</p>
29	June 2012	<p>(Oral presentation – first-author)</p> <p>“Individual Pig Care (IPC), a new management tool for improved responsible use of medicines”, <u>C. Piñeiro</u>, J. Morales, P. Doncecchi, A. Dereu, J. Macarrilla, E. Bahnolzer, N. Wuyts, O. Azlor-Marsinach, 22nd International Pig Veterinary Society Congress, Jeju (Korea)</p>
30	June 2012	<p>(Poster presentation – co-author)</p> <p>“Efficacy of a vaccination against Mycoplasma hyopneumoniae at 1 week of age under field conditions”, J. Morales, P. Nuñez, J. Jarquin, G. Labarque, <u>C. Piñeiro</u>, 22nd International Pig Veterinary Society Congress, Jeju (Korea)</p>
31	May-June, 2012	<p>(Oral presentation – co-author)</p> <p>“Potentiated zinc oxide at low supplementation level improves productive performance and health status of piglets”, J. Morales, G. Cordero, <u>C. Piñeiro</u>, M. Piñeiro, S. Durosoy, XII International Symposium, Digestive Physiology of Pig, Keystone, Colorado (USA)</p>
32	April 2012	<p>(Poster presentation – co-author)</p>

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33	April 2012	<p>“Immunological castration decreases aggression in male pigs co-penned with females in the late fattening period”, J. Morales, <u>C. Piñeiro</u>, S. Wilson, E.G. Manzanilla, I. Nanjiani, N. Wuyts, 4th European Symposium of Porcine Health Management, Bruges (Belgium)</p> <p>(Poster presentation – co-author)</p>
34	August 2010	<p>“Cutting costs and reducing CO2 emissions with energy saving techniques in lactation barns”, G. Cordero, J. Morales, M. Aparicio, A. Manso, I. Díaz, <u>C. Piñeiro</u>, 4th European Symposium of Porcine Health Management, Bruges (Belgium)</p> <p>(Poster presentation – co-author)</p>
35	July 2010	<p>“Simultaneous emissions and dispersions of the ammonia and methane plume inside and around a dairy farm in Segovia”, F. Sanz, G. Montalvo, J.L. Gómez, M. Bigeriego, <u>C. Piñeiro</u>, M. J. Sanz, 61st Annual Meeting, European Association for Animal Production (EAAP), Heraklion (Greece)</p> <p>(Oral presentation – co-author)</p>
36	July 2010	<p>“Risk factors associated with frequency of abortion in swine farms”, N. M. Rainho, M. Aparicio, M. A. de Andrés, J. Morales, R. Pallás, V. Rodríguez-Estévez, <u>C. Piñeiro</u>, 21st International Pig Veterinary Society Congress, Vancouver (Canada)</p> <p>(Poster presentation – co-author)</p>
37	July 2010	<p>“Efficacy of Porcilis® PCV in pigs confronted by a severe porcine circovirus infection late in production”, E. Vizcaíno, <u>C. Piñeiro</u>, J. M. Bollo, M. Jiménez, R. Menjon, J. V. Lopez, 21st International Pig Veterinary Society Congress, Vancouver (Canada)</p> <p>(Poster presentation – co-author)</p>
38	July 2010	<p>“Metaphylaxis with tulathromycin (Draxxin®) and therapeutic use of ceftiofur (Naxcel®) against Swine Respiratory Disease and Polyserositis Complex in pigs: comparison with the use of in-feed Amoxicillin”, I. Nanjiani, J. Morales, <u>C. Piñeiro</u>, P. Sierra, J.C.E. Jensen, 21st International Pig Veterinary Society Congress, Vancouver (Canada)</p> <p>(Poster presentation – co-author)</p>
39	July 2010	<p>“Draxxin® metaphylaxis against Swine Respiratory Disease in suckling piglets: benefits on performance and morbidity”, I. Nanjiani, J. Morales, <u>C. Piñeiro</u>, P. Sierra, J.C.E. Jensen, 21st International Pig Veterinary Society Congress, Vancouver (Canada)</p> <p>(Poster presentation – co-author)</p>
40	July 2010	<p>“Use of a new technology based on thermography to monitor health and risk factors in newborn piglets”, J. Morales, A. Manso, M. Aparicio, <u>C. Piñeiro</u>, 21st International Pig Veterinary Society Congress, Vancouver (Canada)</p> <p>(Poster presentation – co-author)</p>
41	July 2010	<p>“Use of infrared thermography to monitor risk factors in newborn piglets”, J. Morales, A. Manso, M. Aparicio, <u>C. Piñeiro</u>, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), Denver, Colorado (USA)</p> <p>(Poster presentation – co-author)</p>
41	July 2010	<p>“Effect of garlic extract (Garlicon) on piglet productive performance in the nursery</p>

№	Date of Publication	“Title”, Presenter and co-presenter, Name of Conference, Venue
42	July 2010	<p>period”, J. Morales, R. López, P. Coscojuela, <u>C. Piñeiro</u>, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), Denver, Colorado (USA)</p> <p>(Poster presentation – co-author)</p> <p>“Risk factors associated with frequency of abortions”, N. M. Rainho, M. Aparicio, M. A. de Andrés, J. Morales, R. Pallás, V. Rodríguez-Estévez, <u>C. Piñeiro</u>, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), Denver, Colorado (USA)</p>
43	July 2010	<p>(Poster presentation – co-author)</p> <p>“Conjugated linoleic acid (CLA) modifies carcass traits and fatty acid composition in finishing pigs fed with high linoleic acid diet”, G. Cordero, B. Isabel, J. G. Vicente, J. Morales, <u>C. Piñeiro</u>, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), Denver, Colorado (USA)</p>
44	May 2010	<p>(Oral presentation – first-author)</p> <p>“QA in Spanish pig production”, <u>C. Piñeiro</u>, 2nd European Symposium of Porcine Health Management, Hannover (Germany)</p>
45	May 2010	<p>(Poster presentation - first-author)</p> <p>“Key reproduction performance parameters in ancient European breeds (Iberian pigs)”, <u>C. Piñeiro</u>, M. Aparicio, M.A. de Andrés, N.M. Rainho, 2nd European Symposium of Porcine Health Management, Hannover (Germany)</p>
46	May 2010	<p>(Poster presentation - first-author)</p> <p>“Comparison of productivity between primiparous and multiparous sows progenies in a low-health status farm”, <u>C. Piñeiro</u>, A. Manso, J. Morales, 2nd European Symposium of Porcine Health Management, Hannover (Germany)</p>
47	August 2009	<p>(Oral presentation – first-author)</p> <p>“Spanish Ministry of the Environment and Rural and Marine Affairs project for the IPPC Directive implementation in Spain: results of 2003-2008 and future work”, <u>C. Piñeiro</u>, G. Montalvo, M. A. Garcia, M. Herrero, M.J. Sanz, M. Bigeriego, 60th Annual Meeting, European Association for Animal Production (EAAP), Barcelona (Spain)</p>
48	August 2009	<p>(Oral presentation – first-author)</p> <p>“IPPC best available techniques assessment under Spanish conditions”, <u>C. Piñeiro</u>, G. Montalvo, M. A. Garcia, M. Herrero, M. Bigeriego, 60th Annual Meeting, European Association for Animal Production (EAAP), Barcelona (Spain)</p>
49	August 2009	<p>(Poster presentation – co-author)</p> <p>“Ammonia concentration around pig farms in Spain”, F. Sanz, M.J. Sanz, G. Montalvo, M. A. Garcia, <u>C. Piñeiro</u>, M. Bigeriego, 60th Annual Meeting, European Association for Animal Production (EAAP), Barcelona (Spain)</p>
50	August 2009	<p>(Poster presentation – co-author)</p> <p>“Ammonia emission after application of pig slurry in Spain”, F. Sanz, M.J. Sanz, G. Montalvo, M. A. Garcia, <u>C. Piñeiro</u>, M. Bigeriego, 60th Annual Meeting, European Association for Animal Production (EAAP), Barcelona (Spain)</p>

№	Date of Publication	“Title”, Presenter and co-presenter, Name of Conference, Venue
51	August 2009	(Oral presentation – first-author) “Influence of soya bean meal and synthetics amino acids prices in the cost of nutritionals Best Available Technique in Spain”, <u>C. Piñeiro</u> , G. Montalvo, M. A. Garcia, M. Bigeriego, 60th Annual Meeting, European Association for Animal Production (EAAP), Barcelona (Spain)
52	August 2008	(Oral presentation – first-author) “Development of a software to calculate pollutant emissions, resources consumptions and best available techniques effects on emissions and consumptions from Spanish farms”, <u>C. Piñeiro</u> , G. Montalvo, M.A. Garcia, M. Herrero, M. Bigeriego, 59th Annual Meeting, European Association for Animal Production (EAAP), Vilnius (Lithuania)
53	July 2008	(Poster presentation – co-author) “Conjugated linoleic acid and tryptophan supplementation improve immune response of weaned piglets”, J. Morales, R. Gatnau, <u>C. Piñeiro</u> , Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), Indianapolis, Indiana (USA)
54	Feb 2008	(Oral presentation - first-author) “Effet du numéro de portée des truies pendant la gestation et/ou la lactation sur les performances de croissance et le statut sanitaire de leur descendance”, <u>C. Piñeiro</u> , M. Piñeiro, J. Morales, 40es Journées Recherche Porcine, Paris (France)
55	July 2007	(Poster presentation – co-author) “Dietary nucleotides supplementation improves growth performance of early weaned pigs”, D. Martinez-Puig, J. Morales, E. Borda, <u>C. Piñeiro</u> , C. Chetrit, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), San Antonio, Texas (USA)
56	July 2007	(Oral presentation - first-author) “Effect of littered systems on pollutant emissions into the air in gestating sows”, <u>C. Piñeiro</u> , G. Montalvo, P. Illescas, M. Bigeriego, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), San Antonio, Texas (USA)
57	July 2007	(Oral presentation - first-author) “Effect of different dietary strategies on productive performance and gas emissions in post-weaned piglets”, G. Montalvo, <u>C. Piñeiro</u> , J. Morales, S. Godbout, S. P. Lemay, M. Belzile, J. Feddes, P. Illescas, M. Bigeriego, C. de Blas, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), San Antonio, Texas (USA)
58	July 2007	(Oral presentation - first-author) “Cost of ammonia emissions abatement techniques in Spain”, <u>C. Piñeiro</u> , G. Montalvo, P. Illescas, M. Bigeriego, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), San Antonio, Texas (USA)
59	August 2006	(Oral presentation - first-author) “Pig-MAP concentration levels at different stages of the reproductive cycle. Primiparous vs multiparous sows”, <u>C. Piñeiro</u> , J. Morales, A. Manso, M. Piñeiro, The 6th European Colloquium on Acute Phase Proteins, Copenhagen (Denmark)

№	Date of Publication	“Title”, Presenter and co-presenter, Name of Conference, Venue
60	July 2006	(Oral presentation - first-author) “A new approach to determine the optimal time for vaccination in pigs”, <u>C. Piñeiro</u> , J. Morales, G. Pappaterra, E. Mateu, M. Piñeiro, 19th International Pig Veterinary Society Congress, Copenhagen (Denmark)
61	July 2006	(Poster presentation - first-author) “Valnemulin is effective to treat subclinical Ileitis forms in growing-finishing pigs”, <u>C. Piñeiro</u> , J. Morales, J. Pique, R. Alvarez, U. Klein, 19th International Pig Veterinary Society Congress, Copenhagen (Denmark)
62	July 2006	(Oral presentation – co-author) “Optimizing lactation length based on subsequent sow reproductive performance”, M. Aparicio, L.M. Ramírez, J. Morales, <u>C. Piñeiro</u> , Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), Minneapolis, Minnesota (USA)
63	July 2006	(Oral presentation – first-author) “Effect of parity and rearing segregation at birth on productive performance and health status of pigs”, <u>C. Piñeiro</u> , J. Morales, G. G. Mateos, X. Manteca, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), Minneapolis, Minnesota (USA)
64	November 2005	(Oral presentation – first-author) “A new tool for the assessment of animal welfare. Acute phase proteins and transporting pigs”, <u>C. Piñeiro</u> , M. Piñeiro, J. Morales, M.A. Álava, F. Lampreave, Nordic Association of Agricultural Scientists (NJF) Transport and handling of animals a Nordic Challenge, Malmö (Sweden)
65	September 2005	(Poster presentation – co-author) “Pig-MAP, una nueva herramienta para la monitorización de la salud en la producción porcina”, M. Piñeiro, L. Ramírez, <u>C. Piñeiro</u> , X Simposium AVEDILA, Palma de Mallorca (Spain)
66	September 2005	(Poster presentation – co-author) “Desarrollo y validación de un kit de diagnóstico para la determinación de la Pig-MAP mediante la técnica de ELISA”, M. Piñeiro, <u>C. Piñeiro</u> , F. Lampreave, M.A. Álava, X Simposium AVEDILA, Palma de Mallorca (Spain)
67	September 2005	(Poster presentation – co-author) “Desarrollo y validación de un test rápido inmunocromatográfico para la detección de niveles elevados de Pig-MAP”, B. Barrios, A. Navarro, M. Piñeiro, C. Piñeiro, M.A. Alava, F. Lampreave, X Simposium AVEDILA, Palma de Mallorca (Spain)
68	July 2005	(Poster presentation – co-author) “Influence of high temperatures on productive performance of sows”, L.M. Ramírez, M. Aparicio, J. Morales, R. Lázaro, <u>C. Piñeiro</u> , Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), Cincinnati, Ohio (USA)
69	July 2005	(Oral presentation – first-author) “Productive performance of primiparous sow’s progeny in nursery period”, <u>C. Piñeiro</u> , J.

№	Date of Publication	“Title”, Presenter and co-presenter, Name of Conference, Venue
70	July 2005	<p>Morales, M. Piñeiro, X. Manteca, G.G. Mateos, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), Cincinnati, Ohio (USA)</p> <p>(Oral presentation – first-author)</p> <p>“Assessment of strategies to reduce ammonia, methane and nitrous oxide emissions from gestating and lactating sows”, <u>C. Piñeiro</u>, G. Montalvo, M. Bigeriego, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), Cincinnati, Ohio (USA)</p>
71	June 2005	<p>(Poster presentation - first-author)</p> <p>“Effect of frequency of manure removal and drying on ammonia, methane, nitrous oxide and carbon dioxide emissions from laying hen houses”, <u>C. Piñeiro</u>, G. Montalvo, M. Bigeriego, 56th Annual Meeting of European Association of Animal Production (EAAP), Uppsala (Sweden)</p>
72	June 2005	<p>(Poster presentation - first-author)</p> <p>“Best Available Techniques to reduce ammonia, methane and nitrous oxide emissions control from piglets facilities”, <u>C. Piñeiro</u>, G. Montalvo, M. Bigeriego, 56th Annual Meeting of European Association of Animal Production (EAAP), Uppsala (Sweden)</p>
73	June 2005	<p>(Poster presentation – co-author)</p> <p>“Comparison of pelleted vs mash-feed form administration in nursery-finisher pigs”, J. Morales, L.M. Ramírez <u>C. Piñeiro</u>, 56th Annual Meeting of European Association of Animal Production (EAAP), Uppsala (Sweden)</p>
74	June 2005	<p>(Poster presentation – co-author)</p> <p>“Workers influence on reproductive performance of gestating sows”, J. Morales, L.M. Ramírez, S. Ayllón, M. Aparicio, <u>C. Piñeiro</u>, 56th Annual Meeting of European Association of Animal Production (EAAP), Uppsala (Sweden)</p>
75	June 2005	<p>(Oral presentation – co-author)</p> <p>“Compatibility of B. toyoi and colistin in post-weaned piglets medicated diets”, J. Morales, <u>C. Piñeiro</u>, G. Jiménez, A. Blanch, 56th Annual Meeting of European Association of Animal Production (EAAP), Uppsala (Sweden)</p>
76	May 2005	<p>(Oral presentation – co-author)</p> <p>“Efecto de la edad a la primera cubrición sobre la productividad global de cerdas reproductoras”, M. Aparicio, L.M. Ramírez, S. Ayllón, J. Morales, <u>C. Piñeiro</u>, Asociación Interprofesional para el Desarrollo Agrario, XI Jornadas sobre producción animal ITEA, Zaragoza (Spain)</p>
77	May 2005	<p>(Poster presentation – co-author)</p> <p>“Influencia del programa de alimentación y del momento de sacrificio sobre la productividad y la calidad de la canal y de la carne del cerdo castrado”, J. Morales, <u>C. Piñeiro</u>, E. Lorenzo, P. Medel, G.G. Mateos, Asociación Interprofesional para el Desarrollo Agrario, XI Jornadas sobre producción animal ITEA, Zaragoza (Spain)</p>
78	March 2005	<p>(Poster presentation – first-author)</p> <p>“Acute phase protein concentration in serum is not affected by tiamulin medication in</p>

№	Date of Publication	“Title”, Presenter and co-presenter, Name of Conference, Venue
79	March 2005	<p>healthy growing pigs”, <u>C. Piñeiro</u>, E. Lorenzo, J. Morales, M. Piñeiro, L. Alloza, R. Carpintero, G.G. Mateos, 5th European Colloquium on Animal Acute Phase Proteins, Dublin (Ireland)</p> <p>(Poster presentation – first-author)</p> <p>“Psychological stress caused by changes in feeding management does not modify the concentration of acute phase proteins in pigs”, <u>C. Piñeiro</u>, M. Piñeiro, J. Morales, J.L. Ruiz de la Torre, G.G. Mateos, X. Manteca, 5th European Colloquium on Animal Acute Phase Proteins, Dublin (Ireland)</p>
80	March 2005	<p>(Oral presentation – first-author)</p> <p>“A comparison of productive performance, health status and pig-MAP serum concentration of progenies from primiparous and multiparous sows during the nursery period”, <u>C. Piñeiro</u>, E. Lorenzo, J. Morales, M. Piñeiro, R. Lázaro, X. Manteca, G.G. Mateos, 5th European Colloquium on Animal Acute Phase Proteins, Dublin (Ireland)</p>
81	March 2005	<p>(Poster presentation – co-author)</p> <p>“One-step immunochromatographic method for the detection of elevated levels of pig-map concentration”, B. Barrios, A. Navarro, M. Piñeiro, <u>C. Piñeiro</u>, M.A. Alava, F. Lampreave, 5th European Colloquium on Animal Acute Phase Proteins, Dublin (Ireland)</p>
82	July 2004	<p>(Oral presentation – first-author)</p> <p>“Effects of induced mixing and pen size on performance and serum concentration of acute phase proteins in growing pig”, <u>C. Piñeiro</u>, J. Morales, M Piñeiro, F. Lampreave, G.G. Mateos, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), St Louis, Missouri (USA)</p>
83	July 2004	<p>(Poster presentation – co-author)</p> <p>“The effect of mannan oligosaccharides on reproductive performance in sows”, P. Medel, <u>C. Piñeiro</u>, A. Kocher, F. Baucells, M. I. Gracia, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), St Louis, Missouri (USA)</p>
84	Sep 2003	<p>(Oral presentation – co-author)</p> <p>“The apolipoprotein AI (ApoAI) is a negative acute phase protein in pigs”, R. Carpintero, M. Piñeiro, M. Andrés, L. Alloza, M. Iturralde, M. A. Álava, <u>C. Piñeiro</u>, F. Lampreave, Fourth European Colloquium on Acute Phase Proteins, Segovia (Spain)</p>
85	Sep 2003	<p>(Oral presentation – co-author)</p> <p>“Proper sampling and better understanding of APP’s on pig production”, S. Gymnich, B. Petersen, S. Knura, <u>C. Piñeiro</u>, E. Lorenzo, J.P. Nielsen, Fourth European Colloquium on Acute Phase Proteins, Segovia (Spain)</p>
86	Sep 2003	<p>(Oral presentation – co-author)</p> <p>“Acute phase protein concentrations are increased in serum of postweaning multisystemic wasting syndrome naturally affected pigs”, J. Segalés, <u>C. Piñeiro</u>, F. Lampreave, M. Nofrarías, M. Andrés, J. Morales, M. Domingo, Fourth European Colloquium on Acute Phase Proteins, Segovia (Spain)</p>
87	Sep 2003	<p>(Oral presentation – first-author)</p>

№	Date of Publication	“Title”, Presenter and co-presenter, Name of Conference, Venue
88	Sep 2003	<p>“Monitoring health and antibiotic efficiency through the acute phase reaction in nursery piglets during a meningitis outbreak (S. Suis)”, <u>C. Piñeiro</u>, E. Lorenzo, J. Morales, M. Piñeiro, G.G. Mateos, Fourth European Colloquium on Acute Phase Proteins, Segovia (Spain)</p> <p>(Oral presentation – first-author)</p>
89	Sep 2003	<p>“Effect of long distance transport of pigs on the acute phase reaction and its possibilities of modulation”, <u>C. Piñeiro</u>, E. Lorenzo, J. Morales, M. Piñeiro, G.G. Mateos, Fourth European Colloquium on Acute Phase Proteins, Segovia (Spain)</p> <p>(Oral presentation – first-author)</p>
90	Sep 2003	<p>“Effect of heat-processing of cereal and oat hull addition on acute phase protein concentration in serum of piglets after weaning”, <u>C. Piñeiro</u>, J. Morales, R. Lázaro, E. López, M.A. Latorre, G.G. Mateos, Fourth European Colloquium on Acute Phase Proteins, Segovia (Spain)</p> <p>(Oral presentation – first-author)</p>
91	Sep 2003	<p>“Pig-MAP and haptoglobin levels in sows and boars in large herd populations”, <u>C. Piñeiro</u>, E. Lorenzo, J. Morales, M. Piñeiro, G.G. Mateos, Fourth European Colloquium on Acute Phase Proteins, Segovia (Spain)</p> <p>(Oral presentation – first-author)</p>
92	Sep 2003	<p>“Pig-MAP and haptoglobin levels in pigs at different ages in large herd populations”, <u>C. Piñeiro</u>, E. Lorenzo, J. Morales, M. Piñeiro, G.G. Mateos, Fourth European Colloquium on Acute Phase Proteins, Segovia (Spain)</p> <p>(Oral presentation – first-author)</p>
93	June 2003	<p>“Monitoring health and antibiotic efficiency through the acute phase reaction in growing-finishing pigs”, <u>C. Piñeiro</u>, E. Lorenzo, J. Morales, M. Piñeiro, Fourth European Colloquium on Acute Phase Proteins, Segovia (Spain)</p> <p>(Oral presentation – first-author)</p>
94	June 2003	<p>“Effect of stressors on serum concentration of acute phase proteins and performance in pigs”, <u>C. Piñeiro</u>, E. Lorenzo, J. Morales, E. Gómez, G.G. Mateo, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), Phoenix, Arizona (USA)</p> <p>(Oral presentation – co-author)</p>
95	July 2002	<p>“Bioefficacy of B. coagulans in broiler and piglet diets: a comparative study”, E. Esteve, A. E. Espinel, <u>C. Piñeiro</u>, J. Gasa, M. Cortes, P. Medel, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), Phoenix, Arizona (USA)</p> <p>(Oral presentation – first-author)</p>
96	May 2002	<p>“Effect of feeding strategies and sex on performance and homogeneity of pigs at slaughter”, C. Piñeiro, E. Lorenzo, P. Medel, R. Lazaro, G. G. Mateos, Joint Annual Meeting of Animal Science, American Society of Animal Science (ASAS), Québec (Canada)</p> <p>(Oral presentation – first-author)</p>



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№	Date of Publication	“Title”, Presenter and co-presenter, Name of Conference, Venue
97	July 2001	<p>“Effects of repeated blood sampling on serum levels of Pig-MAP and haptoglobin and pig growth”, <u>C. Piñeiro</u>, E. Lorenzo, M. Piñeiro, E. Gómez, D. Valencia, G.G. Mateos, Third European Colloquium on Animal Acute Phase Proteins, Doorn, (The Netherlands) (Oral presentation – first-author)</p> <p>“Effects of induced stresses on productive performance and serum concentration of acute phase proteins in growing-finishing pig”, <u>C. Piñeiro</u>, E. Lorenzo, A. Piñeiro, G. G. Mateos, Joint Annual Meeting of Animal Science Indianapolis, American Society of Animal Science (ASAS), Indiana (USA) (Oral presentation – first-author, corresponding author)</p>
98	May 2001	<p>“Effect of transport and farm sanitary conditions in the concentration of acute phase plasma proteins Pig-MAP and haptoglobin”, <u>C. Piñeiro</u>, E. Lorenzo, M. Piñeiro, F. Lampreave, M.A. Álava, 2nd European Colloquium on Animal Acute Phase Proteins, Bonn (Germany) (Oral presentation – co-author)</p>
99	May 2001	<p>“Characterization of the Acute Phase Protein response in pigs affected by transport related stress”, M. Piñeiro, M.A. Álava, E. Lorenzo, <u>C. Piñeiro</u>, A. Piñeiro, F. Lampreave, 2nd European Colloquium on Animal Acute Phase Proteins, Bonn (Germany)</p>
100	Sep 2000	<p>(Oral presentation – first-author)</p> <p>“Pig-MAP a new acute phase protein and its potential as biomarker”, <u>C. Piñeiro</u>, E. Lorenzo, E., Rodríguez, P. Medel, M. Piñeiro, F. Lampreave, 16th International Pig Veterinary Society Congress, Melbourne (Australia)</p>

##### 5 Additional Special Comments related to Research Activities (Begin with the most recent)

№	Outline
1	Funding member of the Spanish Cluster for Swine Innovation (Porc+i) on behalf of PigCHAMP
2	Member of the ‘Spanish Focus Group on Digitization and Big Data in the Agrifood, Forestry and Rural Areas’ coordinated by the MAGRAMA (Spanish Ministry of Agriculture, Fisheries and Food)
3	Member of the board for the promotion of the Digital and Research Hub in Segovia, Spain, April 2017
4	Invited Speaker at Meiji University Ikuta Campus. Jan 5, 2017. Big Data for Swine Farms.
5	Banff Pork Seminar 2016. Member of the Innovators Club.
6	Invited Speaker at Meiji University Ochanumizu Campus. Oct. 13, 2015. Animal welfare, Antibiotics and Environment.
7	European PRRS Research Award 2015. Ingelheim, Germany
8	Invited speaker at American veterinary Medical Association. Real-time health monitoring

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№	Outline
9	in livestock business. 9-14 July 2015. Manager of the Work Package 4. Role of farm environment on the temporal expression of diseases in pig and poultry production in Prohealth EU research project. Dec 2013 – Nov 2018
10	Invited Speaker at Meiji University Ochanumizu Campus. Nov. 15, 2013. Advance Technology in Europa.
11	Member of the Board of the European college of Porcine Health Management 2013-2016