

Curriculum Vitae

Madalena Lordelo

Secção de Produção Animal
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Formação académica (Academic degrees)

Licenciatura: Engenheira Agrónoma (Produção Animal), Instituto Superior de Agronomia, Universidade Técnica de Lisboa (ISA-UTL).

Doutoramento: Ph.D. Poultry Science, University of Georgia, USA.

Cargos anteriores e posição actual (Previous and current positions)

2010-present	Tenured Assistant Professor at Instituto Superior de Agronomia, Universidade de Lisboa.
2005-2010	Assistant Professor at Instituto Superior de Agronomia, Universidade de Lisboa.
2005	Research and Development Manager at Danisco Animal Nutrition, Marlborough, UK.
2001-2005	Teacher assistant at the University of Georgia, USA.
2000	Research assistant at the University of Georgia, USA.

Prémios e distinções (Prizes and awards)

- Cliff D. Carpenter Award, World's Poultry Science Association, 2004.
- Certificate of Excellence for an oral presentation, International Poultry Scientific Forum, 2004.
- Competitively nominated by the University of Georgia's Poultry Science Department for the 2004 E. Broadus Browne Award.
- Certificate of Excellence for an oral presentation, International Poultry Scientific Forum, 2003.
- Competitively nominated by the University of Georgia's Poultry Science Department for the 2003 E. Broadus Browne Award.
- Poultry Science Research Assistantship, The University of Georgia, 2001.

Participação em projectos (Participation in research projects)

- Chemical and physical characteristics of eggs from different Portuguese chicken breeds. Project supported by INIAV / 2016
- Dose-response relationship for valine in broilers. Project supported by Indukern Portugal / 2016.
- The effects of a protease on the performance of broilers. Project supported by JEFO Europe / 2016
- The effect of exogenous enzymes on the apparent metabolizable energy (AME/AMEn) of broilers fed a wheat-based diet. Project supported by KERRY-EMEA / 2015
- The utilization of two different multi-enzyme mixtures in starter and grower diets for broilers. Project supported by DuPont Industrial Biosciences / 2013.
- The effects of xylanase and beta-glucanase supplemented to diets based on corn, wheat and barley on broiler performance. Project supported by Danisco Animal Nutrition / 2012.
- Utilization of a prestarter and an additive premix on the performance of broilers. Project supported by REAGRO, S. A./2011.

- Utilization of essential oils and organic acids in broiler diets. Project supported by Eureka (E! 4635 – EUROAGRI + NEARCAPS/2010)
- Efficacy of feed enzymes on the performance of broilers fed a corn/soy diet. Project supported by JEFO Europe/2009.
- Molecular mechanisms affecting the efficacy of feed enzymes: endogenous beta-glucanases, protein-inhibitors and mini-cellulosomes. Project supported by FCT (PTDC/CVT/103942/2008).
- Rational utilization of cellulases and hemicellulases for improving meat quality and the nutritive value of cereal-based diets for poultry. Project supported by FCT (PTDC/CVT/69329/2006).
- Relative toxicity of gossypol isomers in poultry. Project supported by the Georgia Cotton Commission (05-635GA).
- The use of cottonseed meal as a protein source during the rearing period of broiler breeders. Project supported by the Georgia Cotton Commission (26-31-RE683-118).
- The utilization of cottonseed meal in laying hen feeding programs. Project supported by the Georgia Cotton Commission (CES9CY00).

Artigos em revistas ISI (Articles in ISI journals)

Cardoso, V., E. A. Fernandes, H. M. M. Santos, B. Maçãs, **M. M. Lordelo**, L. T. Gama, L. M. A. Ferreira, C. M. G. A. Fontes, T. Ribeiro, 2018. Variation in levels of Non-Starch Polysaccharides and endogenous endo-1,4- β -xylanases affects the nutritive value of wheat for poultry. *British Poultry Science*. DOI: 10.1080/00071668.2018.1423674

Lordelo, M. M., E. Fernandes, R. J. B. Bessa, S. P. Alves, 2017. Quality of eggs from different laying hen production systems, from indigenous breeds and specialty eggs. *Poultry Science*. 96: 1485-1491. DOI: 10.3382/ps/pew409

Fernandes, V. O., M. Costa, T. Ribeiro, L. Serrano, V. Cardoso, H. Santos, **M. M. Lordelo**, L.M.A. Ferreira, C.M.G.A. Fontes, 2016. 1,3-1,4- β -Glucanases and not 1,4- β -glucanases improve the nutritive value of barley-based diets for broilers. *Animal Feed Science and Technology*. 211: 153-163. DOI: <http://dx.doi.org/10.1016/j.anifeedsci.2015.11.0>

Ribeiro, T., **M. M. Lordelo**, P. Costa, S. P. Alves, W. S. Benevides, R. J. B. Bessa, J. P. C. Lemos, R. M. A. Pinto, L. M. A. Ferreira, C. M. G. A. Fontes, J. A. M. Prates, 2014. Effect of reduced dietary protein and supplementation with a docosahexaenoic acid product on broiler performance and meat quality. *British Poultry Science*. 55: 752-765. DOI: 10.1080/00071668.2014.971222

Cardoso, V., A. P. Ferreira, M. Costa, P. I. P. Ponte, L. Falcão, J. P. Freire, **M. M. Lordelo**, L. M. A. Ferreira, C. M. G. A. Fontes, T. Ribeiro, 2014. Temporal restriction of enzyme supplementation in barley-based diets has no effect in broiler performance. *Animal Feed Science and Technology*. 198: 186-195.

Costa, M., V. O. Fernandes, T. Ribeiro, L. Serrano, V. Cardoso, H. Santos, **M. M. Lordelo**, L. M. A. Ferreira, C. M. G. A. Fontes, 2014. Construction of GH16 β -glucanase mini-cellulosomes to improve the nutritive value of barley-based diets for broilers. *Journal of Agricultural and Food Chemistry*. 62: 7496-7596. DOI: 10.1021/jf502157y

Ribeiro, T., **M. M. Lordelo**, S. P. Alves, R. J. B. Bessa, P. Costa, J. P. C. Lemos, L. M. A. Ferreira, C. M. G. A. Fontes, J. A. M. Prates, 2013. Direct supplementation of diet is the most efficient way of enriching broiler meat with n-3 long-chain polyunsaturated fatty acids. *British Poultry Science*. 54: 753-765. DOI: 10.1080/00071668.2013.841861

Santos, C. I., T. Ribeiro, P. I. P. Ponte, V. O. Fernandes, L. Falcão, J. P. Freire, J. A. M. Prates, L. M. A. Ferreira, C. M. G. A. Fontes, **M. M. Lordelo**, 2013. The effects of restricting enzyme supplementation in rye-based diets for broilers. *Animal Feed Science and Technology* 186: 214-217. DOI: 10.1016/j.anifeedsci.2013.10.011

Mendes, A. R., T. Ribeiro, B. A. Correia, P. Bule, B. Maçãs, L. Falcão, J. P. B. Freire, L. M. A. Ferreira, C. M. G. A. Fontes, **M. M. Lordelo**, 2013. Low doses of exogenous xylanase improve the nutritive value of triticale-based diets for broilers. *Journal of Applied Poultry Research* 22: 92-99. DOI: 10.3382/japr.2012-00610

Ribeiro T., **M. M. Lordelo**, J. A. M. Prates, L. Falcão, J. P. B. Freire, L. M. A. Ferreira, C. M. G. A. Fontes, 2012. The thermostable β -1,3-1,4-glucanase from *Clostridium thermocellum* improves the nutritive value of highly viscous barley-based diets for broilers. *British Poultry Science* 53: 224-234. DOI: 10.1080/00071668.2012.674632

Figueiredo, A. A., B. A. Correia, T. Ribeiro, P. I. P. Ponte, L. Falcão, J. P. Freire, J. A. M. Prates, L. M. A. Ferreira, C. M. G. A. Fontes, **M. M. Lordelo**, 2012. The effects of restricting enzyme supplementation in wheat-based diets to broilers. *Animal Feed Science and Technology* 172: 194-200. DOI: 10.1016/j.anifeedsci.2012.01.001

Ribeiro T., **M. M. Lordelo**, P. I. P. Ponte, B. Maçãs, J. A. M. Prates, M. A. Fontes, L. Falcão, J. P. B. Freire, L. M. A. Ferreira, C. M. G. A. Fontes, 2011. Levels of endogenous β -glucanase activity in barley affect the efficacy of exogenous enzymes used to supplement barley-based diets for poultry. *Poultry Science* 90: 1245-1256. DOI: 10.3382/ps.2010-01218

Martins, C., M. Pinho, **M. M. Lordelo**, L. F. Cunha, J. Carvalho, J. P. B. Freire, 2010. Effect of fibre source on intestinal microbial activity and mucosa morphology of weaned piglets. *Livestock Science* 133: 132-134. DOI: 10.1016/j.livsci.2010.06.044

Tonel, I., M. Pinho, **M. M. Lordelo**, L. F. Cunha, P. Garres, J. P. B. Freire, 2010. Effect of butyrate on gut development and intestinal mucosa morphology of piglets. *Livestock Science* 133: 222-224.

Carneiro, M. S. C., **M. M. Lordelo**, L. F. Cunha, J. P. B. Freire, 2008. Effects of dietary fibre source and enzyme supplementation on faecal apparent digestibility, short chain fatty acid production and activity of bacterial enzymes in the gut of piglets. *Animal Feed Science and Technology* 146: 124-136.

Guerreiro, C. I. P. D., T. Ribeiro, P. I. P. Ponte, **M. M. Lordelo**, L. Falcão, J. P. B. Freire, L. M. A. Ferreira, J. A. M. Prates, C. M. G. A. Fontes, 2008. Role of a family 11 carbohydrate-binding module in the function of a recombinant cellulase used to supplement a barley-based diet for broiler chickens. *British Poultry Science* 49: 446-454. DOI: 10.1080/00071660802216676

Lordelo, M. M., A. M. Gaspar, L. Le Bellego, J. P. B. Freire, 2008. Isoleucine and valine supplementation of a low protein weaning diet for piglets: growth performance and nitrogen balance. *Journal of Animal Science* 86: 2936-2941. DOI: 10.2527/jas.2007-0222

Lordelo, M. M., S. A. Shaaban, N. M. Dale, M. C. Calhoun, P. F. Vendrell, A. J. Davis, 2008. Near infrared reflectance spectroscopy for the determination of free gossypol in cottonseed meal. *Journal of Applied Poultry Research* 17: 243-248.

Ponte, P. I. P., **M. M. Lordelo**, C. I. P. D. Guerreiro, M. C. Soares, J. L. Mourão, J. P. Crespo, D. G., Crespo, J. A. M. Prates, L. M. A. Ferreira, C. M. G. A. Fontes, 2008. Crop β -glucanase activity limits the effectiveness of a recombinant cellulase used to supplement a barley-based feed for free-range broilers. *British Poultry Science* 49: 347-359.

Ribeiro, T., P. I. P. Ponte, C. I. P. D. Guerreiro, H. M. Santos, L. Falcão, J. P. B. Freire, L. M. A. Ferreira, J. A. M. Prates, C.M.G.A. Fontes, **M. M. Lordelo**, 2008. A Family 11 Carbohydrate Binding Module (CBM) improves the efficacy of a recombinant cellulase used to supplement barley-based diets for broilers at lower dosage rates. *British Poultry Science* 49: 600-608.

Sacadura, F. C., P. H. Robinson, E. Evans, **M. M. Lordelo**, 2008. Effects of a ruminally protected B-vitamin supplement on milk yield and composition of lactating dairy cows. *Animal Feed Science and Technology* 144: 111-124.

Carneiro M., **M. M. Lordelo**, L. F. Cunha, and J. P. B. Freire, 2007. Microbial activity in the gut of piglets: II. Effect of fibre source and enzyme supplementation. *Livestock Science* 108: 262-265.

Lordelo, M. M., M. C. Calhoun, N. M. Dale, M. K. Dowd, and A. J. Davis, 2007. Relative toxicity of gossypol enantiomers in laying and broiler breeder hens. *Poultry Science* 86: 582-590.

Marinho, M. C., M. A. Pinho, R. D. Mascarenhas, F. C. Silva, **M. M. Lordelo**, L. F. Cunha, J. P. B. Freire, 2007. Effect of prebiotic or probiotic supplementation and ileo rectal anastomosis on intestinal morphology of weaned piglets. *Livestock Science* 108: 240-243.

Marinho M. C., **M. M. Lordelo**, L. F. Cunha, and J. P. B. Freire, 2007. Microbial activity in the gut of piglets: I. Effect of prebiotic and probiotic supplementation. *Livestock Science* 108: 236-239.

Lordelo, M. M., A. J. Davis, M. K. Dowd, M. C. Calhoun, and N. M. Dale, 2005. Relative Toxicity of Gossypol Enantiomers in Broilers. *Poultry Science* 84: 1376-1382.

Lordelo, M. M., A. J. Davis, J. L. Wilson, and N. M. Dale, 2004. Cottonseed Meal Diets Improve Body Weight Uniformity in Broiler Breeder Pullets. *Journal of Applied Poultry Research* 13: 191-199.

Davis, A. J., **M. M. Lordelo**, and N. M. Dale, 2002. The Use of Cottonseed Meal With or Without Added Soapstock in Laying Hen Diets. *Journal of Applied Poultry Research* 11: 127-133.

Davis, A. J., **M. M. Lordelo**, and N. M. Dale, 2002. Use of Cottonseed Meals in Molting Programs. *Journal of Applied Poultry Research* 11:175-178.

Livros e artigos em livros (Books and articles in books)

Neves, D. A., **M. M. Lordelo**, A. B. Batal, 2012. Nutridense Corn: Digestibility and Performance in Broilers. A Comparison Between Conventional and Nutridense Corn. Lap Lambert Academic Publishing. Saarbrücken, Germany.

R. Mendes, B. A. Correia, J. C. Bodin, **M. M. Lordelo**. 2011. O uso de enzimas exógenas na alimentação de frangos de carne. In: Cem Temas de Investigação no Centenário do ISA. CEER – Centro de Engenharia dos Biosistemas.

R. Mendes, B. A. Correia, P. Garres, P. Labarre, **M. M. Lordelo**. 2011. Alternativas aos antibióticos promotores de crescimento na alimentação de frangos de carne. In: Cem Temas de Investigação no Centenário do ISA. CEER – Centro de Engenharia dos Biosistemas.

J. Tonel, S. Morais, L. Falcão, **M. M. Lordelo**, P. Garres, J. Freire. 2011. O butirato como alternativa ao uso de antibióticos na alimentação do leitão. In: Cem Temas de Investigação no Centenário do ISA. CEER – Centro de Engenharia dos Biosistemas.

C. Martins, L. Falcão, **M. M. Lordelo**, J. Carvalho, J. Freire. 2011. Matérias-primas alternativas para a alimentação do leitão. In: Cem Temas de Investigação no Centenário do ISA. CEER – Centro de Engenharia dos Biosistemas.

L. Falcão, J. P. Freire, **M. M. Lordelo**. 2011. Utilização de prebiótico e de probiótico no período pós desmame em coelhos In: Cem Temas de Investigação no Centenário do ISA. CEER – Centro de Engenharia dos Biosistemas.

Apresentações em congressos (Presentations in conferences)

Lordelo, M. M., C. Duarte, M. Barbosa, D. Henriques, 2018. The effect of pullet body weight at 17 weeks of age on the productive performance and egg quality during the laying period. International Poultry Scientific Forum. 39th Annual Meeting, Atlanta, Georgia, USA.

Lordelo, M. M., J. S. Cid, R. J. B. Bessa, I. Carolino, 2018. Nutritional and physical characteristics of eggs from indigenous chicken breeds. International Poultry Scientific Forum. 39th Annual Meeting, Atlanta, Georgia, USA.

Cid J., **M. Lordelo**, R. Bessa, S. Alves, S. Lopes, I. Carolino, 2016. Variabilidade na qualidade dos ovos produzidos pelas quatro raças de galinhas autóctones portuguesas. X Congresso Ibérico sobre Recursos Genéticos Animais, Castelo Branco, Portugal.

Fernandes E. A., S. Alves, R. B. Bessa, **M. M. Lordelo**, 2015. Nutritional and physical characteristics of specialty eggs. International Poultry Scientific Forum. 36th Annual Meeting, Atlanta, Georgia, USA.

Ribeiro T., **M. M. Lordelo**, L. M. A. Ferreira, J. A. M. Prates, C. M. G. A. Fontes, 2011. The beta-1,3-1,4-glucanase from *Clostridium thermocellum* improves the nutritive value of barley-based diets for broilers. 9th Carbohydrate Bioengineering Meeting, Lisbon, Portugal.

Ribeiro T., **M. M. Lordelo**, S. P. Alves, L. M. A. Ferreira, R. J. B. Bessa, C. M. G. A. Fontes, J. A. M. Prates. 2011. Enrichment of poultry meat with n-3 polyunsaturated fatty acids by dietary supplementation with extruded linseed and DHA gold™: effects on meat fatty acid profile, cholesterol, tocopherols and tocotrienols contents. V Veterinary Sciences Congress, Vale de Santarém, Portugal.

Ribeiro T., **M. M. Lordelo**, J. A. M. Prates, L. Falcão, J.P.B. Freire, L.M.A. Ferreira, C.M.G.A. Fontes. 2011. Biochemical characterization and application of a thermostable b-1,3-1,4-glucanase from *Clostridium thermocellum* in improving the nutritive value of an highly viscous barley-based diets for broilers. V Veterinary Sciences Congress, Vale de Santarém, Portugal.

Mendes A. R., B. A. Correia, P. Labarre, P. Garres, **M. M. Lordelo**, 2011. The effects of a blend of separately encapsulated essential oils and organic acids on broiler performance. International Poultry Scientific Forum. 32nd Annual Meeting, Atlanta, Georgia, USA.

Correia B. A., A. A. Figueiredo, A. P. Ferreira, C. I. Santos, C. M. Fontes and **M. M. Lordelo**, 2011. Restricting enzyme supplementation of wheat-, barley- or rye-based diets to specific periods of the broiler's life. International Poultry Scientific Forum. 32nd Annual Meeting, Atlanta, Georgia, USA.

Mendes A. R., **M. M. Lordelo**, J. C. Bodin, 2011. Évaluation de l'efficacité d'une xylanase d'origine bactérienne sur un régime base maïs et tourteau de soja sur les performances du poulet de chair. Neuvièmes Journées de la Recherche Avicole, Tours, France.

Lordelo, M. M., 2010. A investigação avícola no ISA nos últimos 5 anos e perspectivas futuras. Seminário CEER – Investigação actual e sinergias futuras. Instituto Superior de Agronomia, Universidade Técnica de Lisboa, Portugal.

Sacadura, F., P. H. Robinson, **M. M. Lordelo**, E. Evans and R. L. Cerri, 2007. Lactation performance of dairy cows fed a ruminally protected B-vitamin blend. European Association for Animal Production Annual Meeting. Dublin, Ireland.

Carneiro, M., **M. M. Lordelo**, L. F. Cunha, J. P. B. Freire, 2006. Microbial activity in the gut of piglets: I. Effect of fibre source and enzyme supplementation. 10th International Symposium on Digestive Physiology in Pigs. Vejle, Denmark

Marinho, M. C., **M. M. Lordelo**, L. F. Cunha, J. P. B. Freire. 2006. Microbial activity in the gut of piglets: II. Effect of prebiotic and probiotic supplementation. 10th International Symposium on Digestive Physiology in Pigs. Vejle, Denmark.

Marinho, M. C., M. A. Pinho, R. D. Mascarenhas, F. C. Silva, **M. M. Lordelo**, L. F. Cunha and J. P. B. Freire, 2006. Effect of prebiotic or probiotic supplementation and ileo-rectal anastomosis on intestinal morphology of weaned piglets. 10th International Symposium on Digestive Physiology in Pigs. Vejle, Denmark.

Marinho, M. C., M. A. Pinho, R. D. Mascarenhas, F. C. Silva, **M. M. Lordelo**, L. F. Cunha and J. P. B. Freire, 2006. Efeito da suplementação alimentar com prebiótico ou probiótico e da anastomose ileo-rectal sobre a morfologia intestinal do leitão ao desmame. XVI Congresso de Zootecnia, Castelo Branco, Portugal.

Lordelo, M. M., A. J. Davis, M. C. Calhoun and N. M. Dale, 2005. Tissue accumulation and metabolism of gossypol isomers in hens. Poultry Science Annual Meeting. Auburn, Alabama, USA.

Lordelo, M. M., M. C. Calhoun, N. M. Dale and A. J. Davis, 2005. Relative Toxicity of Gossypol Isomers in Broiler Breeder Hens. International Poultry Scientific Forum, 26th Annual Meeting, Atlanta, Georgia, USA.

Lordelo, M. M., A. J. Davis, M. C. Calhoun and N. M. Dale, 2004. Relative Toxicity of Gossypol Isomers in Laying Hens. Poultry Science Annual Meeting. St. Louis, Missouri, USA.

Lordelo, M. M., S. A. Shaaban, A. J. Davis, M. C. Calhoun, P. F. Vendrell, and N. M. Dale, 2004. Gossypol Determination by Near-Infrared Reflectance Spectroscopy. International Poultry Scientific Forum, 25th Annual Meeting, Atlanta, Georgia, USA.

Lordelo M. M., 2004. The Toxicity of Gossypol in Poultry. Poultry Science Department Seminar, The University of Georgia, USA.

Lordelo, M. M., A. J. Davis, J. L. Wilson and N. M. Dale, 2004. The Utilization of Alternative Protein Sources Improve Body Weight Uniformity During the Rearing Period of Broiler Breeder Pullets. World's Poultry Science Association: 22nd World's Poultry Congress, Istanbul, Turkey.

Lordelo, M. M., A. J. Davis, M. C. Calhoun and N. M. Dale, 2004. Performance of Broilers Receiving Positive and Negative Isomers of Gossypol and Respective Observations on Tissue Accumulation. World's Poultry Science Association: 22nd World's Poultry Congress, Istanbul, Turkey.

Lordelo, M. M., A. J. Davis, M. C. Calhoun, and N. M. Dale, 2003. Tissue Accumulation of Positive and Negative Isomers of Gossypol in Broilers Fed Diets Supplemented with Gossypol Acetic Acid. Poultry Science Annual Meeting, Madison, Wisconsin, USA.

Lordelo, M. M., A. J. Davis, J. L. Wilson, and N. M. Dale, 2003. Utilization of Cottonseed Meal during the Rearing Period of Broiler Breeder Pullets does not affect Future Reproductive Performance. International Poultry Scientific Forum, 24th Annual Meeting, Atlanta, Georgia, USA.

Lordelo M. M., 2003. The Use of Cottonseed Meal in Poultry Diets. Poultry Science Department Seminar, The University of Georgia, USA.

Lordelo, M. M., A. J. Davis, J. L. Wilson, and N. M. Dale, 2002. Liver gossypol Accumulation and Depletion in Broiler Breeder Hens. Poultry Science Annual Meeting, Newark, Delaware, USA.

Lordelo, M. M., A. J. Davis, M. E. Freeman, N. M. Dale, and J. L. Wilson, 2002. Evaluation of Broiler Breeder Hens Reared on a Diet Containing Cottonseed Meal. International Poultry Scientific Forum, 23rd Annual Meeting, Atlanta, Georgia, USA.

Davis, A. J., N. M. Dale and **M. M. Lordelo**, 2001. Use of Ground Cottonseed Meal in Laying Hen Diets. International Poultry Scientific Forum, 22nd Annual Meeting, Atlanta, Georgia, USA.

Davis, A. J., N. M. Dale and **M. M. Lordelo**, 2001. The Use of Cottonseed Meal in Laying Hen Diets. International Poultry Scientific Forum, 22nd Annual Meeting, Atlanta, Georgia, USA.

Orientações – Mestrados (Supervising experience – Masters)

- Joana Cid, 2017.
“Características físicas e químicas de ovos produzidos por galinhas de raças portuguesas”

- Carolina Duarte, 2016.
“O efeito do peso vivo às 17 semanas de idade de galinhas poedeiras nos parâmetros produtivos e de qualidade do ovo durante a fase de postura”

- Ana Rita Almeida Mendes, 2015.
“Efeito da incorporação de enzimas em dietas à base de milho/soja para frangos de carne”
- Elisabete Fernandes, 2014.
“Características físicas e químicas de ovos com origem nos diferentes sistemas de produção”
- Lígia de Fátima Pinhão Teixeira, 2013.
“Efeito de enzimas exógenas suplementadas em regimes alimentares à base de milho e trigo nos índices zootécnicos dos frangos de carne”.
- Vânia Alexandra da Silva Cardoso, 2013 (co-orientação).
“Efeito da suplementação enzimática, em uma dieta à base de cevada para frangos de carne, em diferentes períodos do seu crescimento”
- Isabel de Carvalho Oliveira Tavares, 2013.
“Efeitos da combinação de uma beta-glucanase e xilanase em regimes alimentares de iniciação e crescimento para frangos de carne”
- Cláudia Filipa Marto Carreira, 2011.
“Relação entre a viscosidade in vivo e in vitro de alimentos à base de cevada para frangos de carne”
- Bruno Alexandre Ferreira Correia, 2010.
“Restrição de suplementação de enzimas em dietas à base de trigo para frangos”
- Ana Alexandra Mota Figueiredo, 2009.
“Restrição da suplementação com xilanases em períodos específicos do ciclo produtivo de frangos alimentados com dietas à base de trigo”
- Ana Patrícia Alves Ferreira, 2009.
“ Efeito da suplementação enzimática em fases específicas do crescimento dos frangos ao nível da performance produtiva e dimensões do sistema gastrointestinal”
- Carina Alexandra Infante dos Santos, 2009.
“Efeito da suplementação enzimática de dietas à base de centeio em diferentes períodos do ciclo produtivo nas performances de frangos de carne”
- Duarte Ribeiro e Silva de Almeida Neves, 2009.
“A comparison between conventional and nutritive corn on the digestibility and performances of broilers”
(In collaboration with Dr. Amy Batal from The University of Georgia, USA)

- Paula Cristina Antónia dos Santos, 2009.
“Efeito da suplementação enzimática de dietas à base de cevada nas performances de frangos de carne”

Orientação – Licenciatura (Supervising experience – Licenciatura)

- Nuno José Rebello de Andrade Noronha de Alarcão, 2007.
“Efeito de enzimas na alimentação de frangos de carne em dietas à base de cevada”
- Filipa Arriaga e Cunha Cabral de Sacadura, 2006.
“Lactation performance of dairy cows fed a ruminally protected B-vitamin blend”
(*In collaboration with Dr. Peter Robinson from The University of California, Davis, USA*)
- Tânia Cristina Dias dos Santos, 2006.
“A aplicação dos princípios do sistema HACCP a uma empresa de multiplicação avícola”

Disciplinas leccionadas (Courses lectured)

1º Ciclo (Undergraduate level)

Estágio

Fisiologia Animal

Morfologia, Aptidão e Comportamento Animal

Produção de Aves e Suínos

Produção Vegetal e Animal

Tecnologia Alimentar II

Zootecnia

2º Ciclo (Graduate level)

Matérias-Primas

Nutrição Animal Avançada

Sistemas de Produção de Carne e Leite

Tecnologia de Alimentos para Animais

Tecnologia de Produção Animal – Carne

Tecnologia de Produção Animal – Outros