

EVELYNE DELEZIE

CURRICULUM VITAE

PERSONALIA

Name: Evelyne Delezie

Address: Edelarendries 47, 9820 Bottelare

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E-mail: Evelyne.Delezie@ilvo.vlaanderen.be

National registration number: 78.06.04-056.49

Nationality: Belgian

Gender: Female

Civil state: married, 3 children

Date of birth : 4th of June 1978

Place of birth: Kortrijk (Belgium)

EDUCATION

1990-1996:

Secondary education in Latin and Sciences,
O-L-Vr.-Hemelvaartinstituut, Waregem, Belgium

1996-2002:

Master of Bioscience engineering:
Agricultural Sciences, KU Leuven, Belgium

2002-2006:

PhD Bioscience engineering
KU Leuven, Belgium

WORK EXPERIENCE

09/2002-12/2002:

PhD at KU Leuven

01/2003-09/2006:

Innovation by science and technology (IWT) scholarship

Division of Livestock-Nutrition-Quality

Kasteelpark Arenberg 30 – bus 02456, B-3001 Heverlee

10/2006 - :

Scientific Senior Researcher

Poultry Nutrition and Management

Institute for Agricultural and Fisheries Research (ILVO)

Animal Sciences Unit, Scheldeweg 68, B-9090 Melle, Belgium

LANGUAGE SKILLS

Dutch : Native language

English: Fluent

French: Reading

COMPUTER SKILLS

Office (Word, Excel, Powerpoint, outlook)

SAS and R as statistical program

TEACHING EXPERIENCE

2015: Co-promotor of PhD thesis of A. Koppenol (KU Leuven) defended on the 5th of January 2015.

Entitled: The effect of maternal transition of omega-3 fatty acids on the broiler offspring

2016: Co-promotor of PhD thesis of J. Heerkens (University of Ghent) defended on the 22th of April 2016.
Entitled: Lifting laying hen welfare in aviaries to a higher level.

2016: Co-promotor of PhD thesis of L. Jacobs (University of Ghent) defended on the 9th of December 2016.
Entitled: Road to a better welfare- Welfare of broiler chickens during transportation.

2016: Co-promotor of PhD thesis of A. Khadem (University of Ghent) defended 19th of December 2016.
Entitled: Exploring the modes of action of xylanase in broiler chickens.

2017: Co-promotor of PhD thesis of A. Molnar (KU Leuven) defended on the 10th of November of 2017.
Entitled: Extended production cycle in laying hens.

2020: Co-promotor of PhD thesis of A. De Grande (University of Ghent) defended on 24th of September of 2020.

Entitled: Dietary zinc source affects performance and intestinal health in broilers.

2018-2022: Co-promotor of PhD thesis of M. Brink (University of Ghent). Defended 18th of September of 2022.

Entitled: Towards a more sustainable poultry sector through source-oriented strategies to reduce ammonia emissions.

ONGOING:

2018-2023: Co-promotor of PhD thesis of S. Moeyersons (KU Leuven)

Entitled: Towards a higher readability by the responsible extension of the laying cycle .

2018-2022: Co-promotor of PhD thesis of K. Buyse (University of Ghent)

Entitled: Chesnut tannins in Poultry diets- An Effective way to improve poultry Performance and gut health?

2021-2025: Co-promotor of PhD thesis of R. De Baets (University of Ghent)

Entitled: To provide the Flemish poultry sector a heat action plan to maintain optimal health and the welfare of their poultry

SERVICE to the COMMUNITY

Reviewing for several journals (e.g. (British) Poultry Science, Animal, Journal of animal Physiology and Animal Nutrition, ...)

Member of the **evaluation commission** about the accommodation of laying hens (2008-2009).

Member of the **jury** of several PhD theses (R. Vanderhasselt (2013), ...) and bachelor theses

President of the WPSA Belgium

Member of the European Nutrition, P working group and Egg and Meat working group (WPSA)

Member of the EIP-Agri Focus group (Reducing Antibiotic Use in poultry)

Member of the communication group at ILVO

PUBLICATIONS and PRESENTATIONS

Author and co-author of several publications in **international and national** journals

Author and co-author of several **vulgarizing** publications

Speaker at international and national scientific conferences
Experience with **lectures** for a **non-scientific** audience.

1. Articles

1) Articles in internationally reviewed scientific journals

Nijdam E, **Delezie E**, Lambooij E, Nabuurs MJA, Decuypere E, Stegeman JA. 2005. Comparison of Bruises And Mortality, Stress Parameters, And Meat Quality In Manually And Mechanically Caught Broilers. Poultry Science, 84, 467-474.

Nijdam¹ E, **Delezie¹ E**, Lambooij E, Nabuurs MJA, Decuypere E, Stegeman, JA. 2005. Feed Withdrawal Of Broilers Before Transport Changes Plasma Hormone And Metabolite Concentrations. Poultry Science, 84, 1146-1152. ¹Both authors have an equal contribution to this paper.

Delezie E, Lips D, Lips R, Decuypere E 2006. Is the mechanisation of catching broilers a welfare improvement? Animal Welfare, 15, 141-147.

Delezie, E, Zoons J, Buyse J, Decuypere E. 2006. The influence of whole wheat inclusion on optimal feed withdrawal duration. British Poultry Science, 47,572-575.

Delezie, E, Verbeke W, De Tavernier J, Decuypere E. 2006. Consumers' preference towards techniques for improving manual catching of poultry. Poultry Science, 85, 2019-2027.

Delezie E, Verbeke W, De Tavernier J, Decuypere E. 2007. Consumer perception versus scientific evidence about alternatives for manual catching of broilers. Poultry Science, 86: 413-419.

Swennen Q., **Delezie E.**, Collin A., Decuypere E., Buyse, J. 2007. Further Investigations on the Role of Diet-Induced Thermogenesis in the Regulation of Feed Intake in Chickens: Comparison of Age-Matched Broiler versus Layer Cockerels. Poultry Science, 86: 895-903.

Delezie E., Swennen Q., Buyse J., Decuypere E. 2007. The effect of feed withdrawal and crating density in transit on metabolism and meat quality of broilers at slaughter weight. Poultry Science, 86: 1414-1423.

Maertens L., Huyghebaert G., **Delezie E.**, 2007. Changes in fatty acid composition of rabbit meat according to the inclusion of extruded linseed during the fattening period. 15. Internationale Tagung über Haltung und Krankheiten der Kaninchen, Pelztier und Heimtiere. Celle 9. und 10. Mai 2007. Ed. Deutsche Vet. Med. Gesellschaft e.V., Giessen, 116-121.

Lippens, M., **Delezie, E.**, Maertens, L. Huyghebaert, G. 2009. Influence of feed texture and early quantitative feed restriction on performance, growth development and carcass composition of tow broiler strains. Archiv fur Geflugelkunde , 73 (1): 29-40.

Delezie, E., Maertens, L., Huyghebaert, G., Lippens, M. 2009. Can choice feeding improve performances and N-retention of broilers compared to a standard three-phase feeding schedule? British Poultry Science, 50 (5): 573-582.

Delezie, E., Bruggeman, V., Swennen, Q., Decuypere E., Huyghebaert, H. 2009 The impact of nutrient density in terms of energy and/or protein on live performance, metabolism and carcass composition of female and male broiler chickens of two commercial broiler strains Journal of Animal Physiology and animal Nutrition (accepted, online).

Delezie, E., Aerts, J.M., Maertens, L., Huyghebaert, G. 2010. The efficiency of long chain n-3 fatty acid deposition of different dietary oils in turkeys at different ages. *Archiv für Geflügelkunde* 74 (1): 51-57

Millet, S., Van Oeckel, M.J., Aluwe, M., **Delezie, E.**, De Brabander, D.L. 2010. Prediction of In Vivo Short-Chain Fatty Acid Production in Hindgut Fermenting Mammals: Problems and Pitfalls *Critical reviews in food science and nutrition*. Volume: 50 Issue: 7 Pages: 605-619

Poureslami, R., Raes, K., **Delezie, E.**, Huyghebaert, G., Batal, A.B., De Smet, S. 2010. The interaction of dietary fatty acids on the egg yolk fatty acid composition. *Journal of Dairy Science*, 93 (S): 214-214.

V. Vandenberghe, **E. Delezie**, G. Huyghebaert, P. Delahaut, E. Daeseleire, S. Croubels. 2012. Residues of sulfadiazine and doxycycline in broiler liver and muscle tissues due to cross-contamination of feed. *Food Additives and Contaminants, Part A: Chemistry, Analysis, Control, Exposure and amp: Risk Assessment*. 29 (2): 180-188.

V. Vandenberghe, **E. Delezie**, G. Huyghebaert, P. Delahaut, P. De Backer, E. Daeseleire and S. Croubels. 2012. Residues of sulfadiazine and doxycycline in egg matrices due to cross-contamination in the feed of laying hens and the possible correlation with physicochemical, pharmacokinetic and physiological parameters.. *Food Additives and Contaminants, Part A: Chemistry, Analysis, Control, Exposure and amp: Risk Assessment*.26 (6): 908-917.

V. Vandenberghe, **E. Delezie**, P. Delahaut, G. Pierret, P. De Backer, E. Daeseleire, and S. Croubels. 2012. Transfer of flubendazole and tylosin from feed at cross-contamination levels in the feed to egg matrices and distribution between egg yolk and egg white. *Poultry Science*, 91 (5): 1248-1255.

Delezie E., L. Maertens, G. Huyghebaert. 2012. Consequences of phosphorus interactions with calcium, phytase and cholecalciferol on zootechnical performance and mineral retention in broiler chickens. *Poultry Science*, 91:2523-2531.

V. Vandenberghe, **E. Delezie**, P. Delahaut, G. Pierret, P. De Backer, E. Daeseleire, and S. Croubels. 2012. Transfer of flubendazole and tylosin from feed at cross-contamination levels to various poultry matrices. *Poultry Science*, 91(9): 2351-2360.

V. Vandenberghe, **E. Delezie**, G. Huyghebaert, P. Delahaut, G. Pierret, E. P. De Backer, S. Croubels and E. Daeseleire. 2012. Transfer of the coccidiostats monensin and lasalocid from feed at cross-contamination levels to whole egg, egg white and egg yolk. *Food Additives and Contaminants: Part A: Chemistry, Analysis, Control, Exposure and amp; Risk Assesment* 29(12): 1881-1892.

Broekaert, N., Daeseleire, E., **Delezie, E.**, Vandecasteele, B., De Beer, T., Van Poucke., C. 2012. Can the Use of Coccidiostats in Poultry Breeding Lead to Residues in Vegetables? An Experimental Study. *J. Agric. Food Chem.*, 60 (50), pp 12411–12418.

Mot D., Timbermont L., **Delezie E.**, Haesebrouck F., Ducatelle R., Van Immerseel F. 2013. Day-of-hatch vaccination is not protective against necrotic enteritis in broiler chickens. *Avian pathology*. *Avian Pathology*, 42 (2): 197-184.

Stijn L.J. Van Herck, Stijn Geysens, Edward Bald, Grazyna Chwatko, **Evelyne Delezie**, Elham Dianati, Ragab G. Ahmed, and Veerle M. Darras 2013. Maternal Methimazole Treatment: Transfer to the Embryo and Effects on Thyroid Hormone Availability in Peripheral Tissues and Brain. *Journal of Endocrinology* 218:105-115.

Millet S., **Delezie, E.** 2013. Should n-3 polyunsaturated fatty acids be included in the feed of reproducing animals? The Veterinary Journal <http://dx.doi.org/10.1016/J.tvjl2013.05.041>.

Ivanova, L., Fæste, C.K., **Delezie, E.**, Van Pamel, E., Daeseleire, E., Callebaut, A., Uhlig, S. 2013. Presence of enniatin B and its hepatic metabolites in plasma and liver samples from broilers and eggs from laying hens. *World Mycotoxin Journal*. (in press 2014).

Koppenol A., **E. Delezie**, J. Aerts, E. Willems, Y. Wang, L. Franssens, N. Everaert, and J. Buyse. 2014. Effect of the Ratio of dietary Omega-3 Fatty Acids EPA and DHA on Broiler Breeder Performance, Egg Quality and Yolk Fatty Acid Composition at different Breeder Ages. *Poultry Science*, 93:564-573

Delezie, E., Rovers, M., Van der Aa, A., Ruttens, A., Wittocx, S. & Segers, L. 2014. Comparing responses to different selenium sources and dosages in laying hens. *Poultry Science*. 93, 12, blz. 3083-3090.

Koppenol A, **Delezie E**, Everaert N, Buyse J (2015) Challenge with lipopolysaccharides or Freund's adjuvant? What's the best option to trigger acute phase protein production in broilers? *Research in veterinary science*, 99: 96-98.

Koppenol A, Delezie E, Buyse J, Everaert N. (2015) The interaction between maternal and posthatch n-3 fatty acid supplementation in broiler diets. *Journal of Animal Physiology and Animal Nutrition*, 99 (5), 864-872.

Koppenol A, **Delezie E**, Parmentier H, Buyse J, Everaert N (2015) Limited evidence for transgenerational effects of maternal dietary supplementation with omega-3 fatty acids on offspring immunity in broiler chickens. *The Veterinary journal*, 203(2), 244-249.

Koppenol A, Buyse J, Everaert N, Willems E, Wang Y, Franssens L, **Delezie E.** (2015). Transition of maternal dietary omega-3 fatty acids from the yolk to the liver of broiler breeder progeny via the residual yolk sac. *Poultry Science*, 94 (1): 43-52.

Koppenol A, **Delezie E**, Wang Y, Franssens L, Willems E, Ampe B, Buyse J and Everaert N (2015) Effects of maternal dietary EPA and DHA supplementation and breeder age on embryonic and posthatch performance of broiler offspring. *Journal of Animal Physiology and Animal Nutrition*, 99 (S1):36-47.

Delezie, E., Bierman, K., Nollet, L., Maertens, L. 2015. Impacts of calcium and phosphorus concentration, their ratio, and phytase supplementation level on growth performance, foot pad lesions, and hock burn of broiler chickens. *J. Appl. Poult. Res.* 24:115–126

N. Smeets, F. Nuyens L. Van Campenhout **E. Delezie**, J. Pannecouque, and T. Niewold. (2015). Relationship between wheat characteristics and nutrient digestibility in broilers: comparison between total collection and marker (titanium dioxide) technique. *Poultry Science*, 94 (7): 1584-1591.

Heerkens, J.L.T., **Delezie, E.**, Kempen I., Zoons, J., Ampe, B., Rodenburg, T.B., Tuyttens, F.A.M. 2015. Specific characteristics of the aviary housing system affect plumage condition, mortality and production in laying hens. *Poultry Science*, 94: 2008-2017.

Heerkens, J.L.T., **Delezie, E.**, B., Rodenburg, Kempen I., Zoons, J., Ampe, T.B., Tuyttens, F.A.M. 2016. Risk factors associated with keel bone and foot pad disorders in laying hens housed in aviary systems. *Poultry Science* 95:482–488

Khadem, A., Lourenço, M., **Delezie, E.**, Maertens, L., Goderis, A., Mombaerts, R., Höfte, M., Eeckhaut, V., Van Immerseel, F., Janssens, G., 2016. Does release of encapsulated nutrients have an important role in the efficacy of xylanase in broilers. *Poultry Science*, 95 (5): 1066-1076.

Geeraerts, S., **Delezie, E.**, Ducatelle, R., Haesebrouck, F., Devreese, B., Van Immerseel, F. Vegetative *Bacillus amyloliquefaciens* cells do not confer protection against necrotic enteritis in broilers despite high antibacterial activity of its supernatant against *Clostridium perfringens* in vitro. 2016. *British Poultry Science*, 57(3): 324-329.

Delezie, E., Koppenol, A., Buyse, J., Everaert, N. 2016. Can breeder reproductive status, performance and egg quality be enhanced by supplementation and transition of n-3 fatty acids? *Journal of Animal Physiology and Nutrition*, 100: 707-714.

Jacobs, L., **Delezie, E.**, Duchateau, L., Goethals, K., Tuytens, F.A.M. 2016. Broiler chickens dead on arrival: associated risk factors and welfare indicators. *Poultry Science*, 96: 259-265.

Jacobs, L., **Delezie, E.**, Duchateau, L., Goethals, K., Ampe, B., Lambrecht, E., Gellynck, X., Tuytens, F.A.M. 2016. Effect of post-hatch transportation duration and parental age on broiler chicken quality, welfare, and productivity. *Poultry Science*, 95: 1973-1979.

Rodehutsord, M., Adeola, O., Angel, R., Bikker, P., **Delezie, E.**, Dozier, W.A., Umar Faruk, M., Francesch, M., Kwakernaak, C., Narcy, A., Nyachoti, C.M., Olukosi, O.A., Preynat, A., Renouf, B., Saiz del Barrio, A., Schedle, K., Siegert, W., Steinfeldt, S., van Krimpen, M.M., Waititu, S.M., Witzig, M. 2017. Results of an international phosphorus digestibility ring test with broiler chickens. *Poultry Science*, 96 (6): 1679-1687.

Molnar, A., Maertens, L., Ampe, B., Buyse, J., Kempen, I., Zoons, J., **Delezie, E.** 2016. Changes in egg quality traits during the last phase of production: is there potential for an extended laying cycle? *British Poultry Science*, 57 (6): 842-847.

Molnar, A., Maertens, L., Ampe, B., Buyse, J., Zoons, J., **Delezie, E.** 2017. Supplementation of fine and coarse limestone in different ratios in a split feeding system: effects on performance, egg quality and bone strength in old laying hens. *Poultry Science*, 96 (6): 1659-1671.

Molnár, A., Hamelin, C., Delezie, E. & Nys, Y. 2018. Sequential and choice feeding in laying hens: adapting nutrient supply to requirements during the egg formation cycle. *Worlds Poultry Science Journal*. blz. 199-210

Khadem, A., Lourenço, M., **Delezie, E.**, Maertens, L., Goderis, A., Mombaerts, R. & Janssens, G. P. J. 2018. Comparing two techniques for viscosity measurements in poultry feedstuffs: does it render similar conclusions. *Poultry science*. 97, 9, blz. 3138-3148

Molnár, A., Maertens, L., Ampe, B., Buyse, J., Zoons, J. & Delezie, E. 2018. Effect of different split-feeding treatments on performance, egg quality, and bone quality of individually housed aged laying hens. *Poultry science*. 97, 1, blz. 88-101

Molnár, A., Kempen, I., Sleenckx, N., Zoons, J., Maertens, L., Ampe, B., Buyse, J. & **Delezie, E.** 2018. Effects of Split Feeding on Performance, Egg Quality and Bone Strength in Brown Laying Hens in Aviary System *Journal of Applied Poultry Research*, 27 (3): 401-415.

Jacobs, L., **Delezie, E.**, Duchateau, L., Goethals, K., Vermeulen, D., Buyse, J., Tuyttens, F.A.M. 2017. Fit for transport? Broiler chicken fitness assessment for transportation to slaughter. *Animal Welfare*, 26: 335-343.

Jacobs, L., **Delezie, E.**, Duchateau, L., Goethals, K., Ampe, B., Buyse, J., Tuyttens, F.A.M. 2017. Impact of transportation duration on stress responses in day-old chicks from young and old breeders. *Research in Veterinary Science*, 112: 172-176.

Smeets, N., Nuyens, F., Van Campenhout, L. **Delezie, E.**, Niewold, T.A. 2018. Interactions between the concentration of non-starch polysaccharides in wheat and the addition of an enzyme mixture in a broiler digestibility and performance trial. *Poultry Science* 0: 1–7.

Buijs, S., Heerkens, J. L. T., Ampe, B., **Delezie, E.**, Rodenburg, T. B. & Tuyttens, F. A. M. 2019, Assessing keel bone damage in laying hens by palpation: effects of assessor experience on accuracy, inter-rater agreement and intra-rater consistency. *Poultry science*. 98, 2, blz. 514-521

Szendrő, Z., Trocino, A., Hoy, S., Xiccato, G., Villagrà, A., **Delezie, E.** & Maertens, L. 2019. A review of recent research outcomes on the housing of farmed domestic rabbits: reproducing does. *World Rabbit Science*. 27, blz. 1-14

De Maesschalck, C., Eeckhaut, V., Maertens, L., De Lange, L., Marchal, L., Daube, G., Dewulf, J., Haesebrouck, F., Ducatelle, R., Taminau, B., Van Immerseel, F. & **Delezie, E.** 2019. Amorphous cellulose feed supplement alters the broiler caecal microbiome. *Poultry science*. 98, 6

Lambrecht, E., Jacobs, L., **Delezie, E.**, De Steur, H., Gellynck, X. & Tuyttens, F. 2020. Stakeholder perceptions on broiler chicken welfare during first-day processing and the pre-slaughter phase: a case study in Belgium. *Worlds Poultry Science Journal*. 76, 3, blz. 473-492 20 blz.

Van Pamel, E., Cnops, G., Van Droogenbroeck, B., **Delezie, E.**, Van Royen, G., Vlaemynck, G., Aper, J., Muylle, H., Bekaert, K., Cooreman, K., Robbens, J., Delbare, D., Roldán-Ruiz, I., Crivits, M., De Ruyck, H. & Herman, L. 2020. Opportunities within the agri-food system to encourage a nutritionally balanced diet– Part I *Food Reviews International*.

Van Pamel, E., Cnops, G., Van Droogenbroeck, B., Delezie, E., Van Royen, G., Vlaemynck, G., Bekaert, K., Roldán-Ruiz, I., Crivits, M., Bernaert, N., De Block, J., Duquenne, B., Broucke, K., De Ruyck, H. & Herman, L. 2020. Opportunities within the agri-food system to encourage a nutritionally balanced diet– Part II *Food Reviews International*.

Tangni, E., Van Pamel, E., Huybrechts, B., **Delezie, E.**, Van Hoeck, E. & Daeseleire, E. 2020. Carry-over of some *Fusarium* mycotoxins in tissues and eggs of chickens fed experimentally mycotoxin-contaminated diets. *Food and Chemical Toxicology*. 145, 111715, blz. 1-9

De Grande, A., Leleu, S., **Delezie, E.**, Rapp, C., De Smet, S., Goossens, E., Haesebrouck, F., Van Immerseel, F. & Ducatelle, R. 2020. Dietary zinc source impacts intestinal morphology and oxidative stress in young broilers. *Poultry Science*. 99, 1

De Grande, A., Ducatelle, R., **Delezie, E.**, Rapp, C., De Smet, S., Michiels, J., Freddy, H., Van Immerseel, F. & Leleu, S., 2020. Effect of vitamin E level and dietary zinc source on performance and intestinal health parameters in male broilers exposed to a temperature challenge in the finisher period. *Journal of Animal Physiology and Animal Nutrition* . <https://doi.org/10.1111/jpn.13492>

Buyse, K., **Delezie, E.**, Goethals, L., Van Noten, N., Ducatelle, R., Janssens, G. P. J. & Lourenço, M., Chestnut tannins in broiler diets: performance, nutrient digestibility, and meat quality. 2021. *Poultry science*, 100:.

De Grande, A., Ducatelle, R., Leleu, S., Rapp, C., Torres, C., Petracci, M., De Smet, S., Michiels, J., Haesebrouck, F., Van Immerseel, F. & **Delezie, E.** 2022. Effects of the dietary zinc source and vitamin E level on live weight and carcass yield and meat quality in male broilers reared under chronic cyclic heat stress conditions in the finisher phase. In: *Frontiers in Physiology*. 13..

Van Damme, L., **Delezie, E.**, Ampe, B. & Tuytens, F. 2022. Timing of part-time group housing for farm rabbits: Effects on reproductive performance, skin injuries and behaviour. *Applied Animal Behaviour Science*. 252.

Brink, M., Janssens, G. P. J., Demeyer, P., Bagci, O. & **Delezie, E.**, 2022. Ammonia concentrations, litter quality, performance and some welfare parameters of broilers kept on different bedding materials. *British Poultry Science*.

D Brink, M., Janssens, G. & **Delezie, E.** 2022. Does feeding more phases reduce ammonia concentrations from broiler litter? *Animal Nutrition*. 11: 152-159

Brink, M., Janssens, G. P. J., Demeyer, P., Bagci, O. & **Delezie, E.** 2022. Reduction of dietary crude protein and feed form: Impact on broiler litter quality, ammonia concentrations, excreta composition, performance, welfare, and meat quality. *ANIMAL NUTRITION*, 9: 291-303

2) Articles in other scientific journals

Lips, D., Aerts, S., Decuypere E., **Delezie, E.**, Evers, E., Kadaplackal, F., Van Outryve, J., De Tavernier, J., 2004. De individuele mens-dierrelatie: dood en ziekte als discriminant voor de waarde van een dier. *Ethische Perspectieven* 14, 406-412.

3) Articles in other journals

Delezie, E., 2003. Machinaal vangen minder duurzaam? *Pluimvee* 5, 15-16.

Delezie, E., 2003. Machinaal vangen duurzaam alternatief voor manueel vangen? *Landbouw & Techniek* 5, 12-16.

Lips, D., **Delezie, E.**, Aerts, S., Van Outryve, J., Spencer, S., De Tavernier, J., Decuypere, E. 2003. Een stiertje of een vaars, maatschappelijke beschouwingen bij het gebruik van gesekst sperma. *Veeteelt* 2(2), 54-55.

Lips, D., **Delezie, E.**, Aerts, S., Van Outryve, J., Spencer, S., De Tavernier, J. en Decuypere, E., 2003. Een stiertje of een vaars, maatschappelijke beschouwingen bij het gebruik van gesekst sperma. *VeeteeltVlees* 2, 17-18.

Maertens, L., **Delezie, E.** 2009. Mast- und Schlachtleistung: Weibliche Tiere wachsen anders. DGS Magazin, 2009 (9), 19-22.

Maertens, L., **Delezie, E.** 2009. Gescheiden afmesten en vroeger slachten een optie voor de vleeskippenhouderij? Pluimvee 11: 18-20.

Delezie, E., Maertens, L. 2010. Kan pluimveevlees nog gezonder gemaakt worden? Pluimvee 1: 28-29.

Delezie E. Kan het gebruik van fosfor efficiënter in pluimveevoeding? 2011. Pluimvee 10: 8-9.

Van Pamel, E., Daeseleire E., **Delezie, E,** Callebaut, A. 2012. Fusarium mycotoxines in voeder: worden ze overgedragen naar kipafgeleide producten ? Pluimvee (juni), 24-26

Delezie, E. 2014. Bijvoederen van tarwe, mogelijk voor leghennen? Pluimvee (februari) 18-19.

De Boever, J., Tanghe, S., Vandaele, L., **Delezie, E.,** Millet, S., Maertens, L., Leleu, S., Teirlynck, E., De Brabander, D., Fiems, L. & De Campeneere, S. Voederwaarde van DDGS en enkele andere bijproducten van de bio-ethanolwinning uit granen voor rundvee, varkens en pluimvee. mrt-2014 Melle: Instituut voor Landbouw- en Visserijonderzoek. 32 blz. (ILVO MEDEDELING; nr. 159)

Delezie E. Geeft omega-3 in het ei gezondere vleeskuikens? Management & Techniek, September 2015 (15), 13-15

Molnár, A., Kempen, I., **Delezie, E.** Eikwaliteit einde legcyclus niet op alle bedrijven slecht. Pluimvee. 3, blz. 6-8 3 blz., maart 2015.

Delezie, E. Insecten als grondstof voor pluimveevoeder. 2016 Pluimvee (1): 24-25.

Molnar, A., **Delezie, E.** Eikwaliteit verbeteren met splitvoederverstrekking. Management & Techniek. Januari 2016 (1): p21-23.

Delezie, E. 2016. Insecten als grondstof voor pluimveevoeder. Pluimvee, 1: 24-25.

Delezie, E., Maertens, L. 2016. Verbeterpunten volièresysteem in kaart gebracht door medewerking Vlaamse legkippenhouders. Pluimvee, 6: 10-11.

Delezie, E., Heerkens, J., Tuyttens, F. 2016. Leghennen en volièresysteem beter op elkaar afstemmen. Management & Techniek, 10: 47-49.

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Khadem, A., Lourenco, M., **Delezie, E.**, Maertens, L., Goderis, A. Mombaerts, R. Janssens, P.J. 2016. Comparing two techniques for viscosity measurements in poultry feedstuffs: does it render similar conclusions? Proceedings of the XXV World's Poultry Congress, 5-9 September, Beijing, China, pp. 194

Heerkens, J.L.T., **Delezie, E.**, Ampe, B., Rodenburg, T.B., Tuytens, F.A.M. 2016. Modifying aviaries to reduce keel bone and foot pad disorders in laying hens. Proceedings of the XXV World's Poultry Congress, 5-9 September, Beijing, China, pp. 511

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Smeets, N., Nuyens, F., Delezie, E., Van Campenhout, L. & Niewold, T. 2018. Effect of different exogenous enzymes on the early life performance of broilers *Proceedings of the XVth European Poultry Conference* . blz. 348

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Leleu, S., Wegge, B., Goethals, L., Lourenço Ribeiro Alves, M. & **Delezie, E.** 2018. Effect of butyrate and/or tannin extract on the consequences, namely the production results, of a coccidiostatic or a vaccination against coccidiosis in male broilers. *Proceedings of the 12th World Conference on Animal Production* .

Lourenço Ribeiro Alves, M., Buyse, K., Wegge, B., Goethals, L., Janssens, G. & **Delezie, E.** 2019. Effect of hydrolysable tannins on protein and energy efficiency in laying hens. *Proceedings of the 6th International Symposium on Energy and Protein Metabolism*. Belo Horizonte

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Delezie, E., Leleu, S. & Lourenço Ribeiro Alves, M. 2019. Performance, carcass and meat quality of slow-growing broilers fed different energy and crude protein levels. *Proceedings of 22n European Symposium on Poultry Nutrition* .

Lourenço Ribeiro Alves, M., **Delezie, E.,** Van Poucke, C., Sobry, L., Wambacq, E. & Latré, J. 2019. Silage as a novel feed ingredient for Poultry? *Proceedings of the 22nd European Symposium on Poultry Nutrition* .

Brink, M., Delezie, E., Demeyer, P., Bagci, Ö., Buyse, J. 2019. The effect of feed crude protein content and feed form on broiler performance and litter quality. 70th Annual Meeting of the European Federation of Animal Science, Ghent, Belgium. (26-30 augustus 2019)

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Brink, M., **Delezie, E.,** Demeyer, P., Bagci, Ö., Janssens, G.P.J. The effect of feed form and crude protein content on nitrogen digestibility in broilers. World Poultry Congress 2021

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Brink, M., Delezie, E., Demeyer, P., Bagci, Ö., Buyse, J. 2019. Evaluation of the effect of dietary crude protein content and feed form on ammonia emissions of broilers. 22nd European Symposium on Poultry Nutrition, Gdańsk, Poland. p. 272.

2) Papers at local conferences and symposia, published in full in proceedings

Delezie, E., Nijdam, E., Spencer, S., De Tavernier, J., Decuyper, E., 2003. Is mechanical catching a good alternative for manual catching of broilers? *Communications in Agricultural and Applied Biological Sciences*, Leuven (België), 68 (3): 115-118.

Delezie, E., Buyse, J., en Decuypere, E., 2004. Effect of preslaughter fasting combined with stress on plasma hormones and metabolites, and meat quality of broilers. Communications in Agricultural and Applied Biological Sciences, Leuven (België), 69 (2): 89-92.

-Brink, M., Delezie, E., Demeyer, P., Bagci, Ö., Janssens, G.P.J. 2019. The effect of feed crude protein content and feed form on broiler meat quality. BAMST Symposium – Meet the Belgian Meat Researchers, Melle, Belgium. pp. 3-4.

B. Scientific activities

1) Organisation of international or national congresses and symposia

Title: Duurzaamheid en welzijn in de pluimveehouderij.

Place: K.U.Leuven

Date: 17/04/2003.

Contribution of V.Ir. F.L., CABME, WPSA en het Ministerie van de Vlaamse Gemeenschap.

2) International congresses and symposia with an active contribution

Toulouse Frankrijk, 20-22 maart 2003, EURSAFE 2003, Ethics as a Dimension of Agrifood Policy, oral presentation.

Lublin, Polen, 15-19 Juni 2005, Proceedings of the 7th European Symposium on Poultry Welfare, oral presentation.

Merelbeke, België, 2005, 30th Meeting of the Dutch speaking nutrition researcher, poster presentation

Leuven, België, 2-4 september 2004, 5th congress of the European Society for Agricultural and Food Ethics, chair man

Verona, Italië, 10-14 september 2006, 12th European Poultry conference, poster presentation

Wageningen, Nederland, 25 April 2008, 33rd Meeting of Dutch speaking nutrition researchers (NVO), oral presentation

Cape Town, Zuid-Afrika, 10–15 Augustus 2008, 54th ICOMST 2008 Role of Science in the growing demand for red meat, poster presentation

Melle, België, 3 april 2009, 34th Animal Nutrition Research Forum (ANRF), oral presentation

Wrocla-Szklarska Poreba, Polen, 7-9 September 2009, XXI International Poultry Symposium PB WPSA “Science for Poultry Practice – Poultry Practice for Science”, oral presentation

Wageningen, Nederland, 16th April 2010, 35th ANR Forum, oral presentation

Tours, Frankrijk, XIIIth European Poultry Conference, 23-27 August 2010, poster presentation

Tours, Frankrijk, Neuvièmes Journées de la Recherche Avicole, 29-30 mars 2011, poster.

XIV European Symposium on the quality of eggs and egg products. XX European Symposium on the quality of Poultry Meat, Leipzig (Duitsland), 2011, poster

Cesme, Turkije, 18th Symposium on Poultry Nutrition, 31 October-4 November 2011, poster and presentation

Roeselare, België, 21st May 2013, 3.8th ANR Forum, presentation

19th European Symposium on Poultry Nutrition, Potsdam (Duitsland), August 26-29, 2013. Poster, oral, chairman, Nutrition and P working group.

WPSA Studiedag België-Nederland, België, 6th November 2013, voordracht: Optimaliseren van productie en eikwaliteit door voeding. Presentation

Utrecht, Nederland, 3rd April 2014, 39th ANR Forum, voordracht

European Poultry Conference, Stavanger, Noorwegen, 23-27 June 2014, Oral presentation and co-auteur of 1 poster and 2 oral presentations

Merelbeke, België, 22nd May 2015, 40th ANR forum, oral presentation

20th European Symposium on Poultry Nutrition, Praag (Tsjechië), August 24-28 2015. Posters (5), Chairman, Nutrition working group

Brugge, 14 okt 2015. Huvepharma Locomotory Disorder Seminar. Impact of management and nutrition of broilers on the occurrence and severity of foot pad dermatitis. E. Delezie

WPSA Studiedag België-Nederland, Eersel (Nederland) 10th November 2015, oral presentation: Nieuwe strategieën inzake pluimveevoeding.

5th congress of the European Society for Agricultural and Food Ethics, Leuven, België, 2-4 september 2004, **session chair**

18th European Symposium on Poultry Nutrition, Cesme (Turkije), 31 October- 4 November, **session chair**

19th European Symposium on Poultry Nutrition, Potsdam (Duitsland), August 26-29, 2013, **session chair**.

20th European Symposium on Poultry Nutrition, Praag (Tsjechië), August 24-28 2015, **session chair**

2nd Global Nutrition Pre-VIV ASIA Partners' symposium, Bangkok. Thailand, March 14 2017, oral presentation: 15 Years of Experimental Work with Globamax at ILVO- An overview.

21st European Symposium on Poultry Nutrition, Salou, Spain.

4) Lecture at university or scientific institute

-Separate and combined effect of feed withdrawal (before catching and transportation) in relation to meat quality and stress levels of broilers (K.U.Leuven)

-Influence of whole wheat inclusion on optimal feed withdrawal duration (K.U.Leuven).

-Consumers' preference towards techniques for improving manual catching of poultry (K.U.Leuven).

-Bezoek ministerie Costa Rica aan Food Pilot. Lezing: Poultry Indicators 11 April 2013

5) Theses

De commerciële leghennenhouderij en dierenwelzijn. Johan Evers. 2004. Promotor Prof E. Decuyper.

Intensive poultry production for feeding carnivores in captivity. Liselore Vercaempst. 2011. Promotor Frank Coopman- Evelyne Delezie (Hogeschool Gent, Departement Biowetenschappen en landschapsarchitectuur).

Calcium en fosfor behoeften bij vleeskippen. Jolien van der Linden. 2011. Copromoter (Hogeschool gent Departement Biowetenschappen en Landschapsarchitectuur, Campus Melle, Bachelor Agro- en Biotechnologie)

Invloed van maternale transitie van omega 3 vetzuren op nakomelingen. Sam De Sutter. 2013. Promoter Goossens Els. Copromoter Evelyne Delezie (Hogeschool gent Departement Biowetenschappen en Landschapsarchitectuur, Campus Melle, Bachelor Agro- en Biotechnologie)

Effect of dietary limestone supplementation in split feeding on production, eggshell quality and bone strength in older laying hens. Supervisor. Sabrina Curial. 2015.

Broiler production in Arkansas and Flanders: tuning production for processing. - Famous Yang. 2013. Masterthesis, Faculteit Bio-Ingenieurs Wetenschappen, Universiteit Gent

Het effect van calcium, fosfor en zink op dierenwelzijn en dierprestaties bij vleeskippen. Promotor. Tomas Devlies. 2016. Masterthesis, Faculteit Bio-Ingenieurs Wetenschappen, Universiteit Gent