



TO MAGNIFICO RETTORE OF UNIVERSITA' DEGLI STUDI DI MILANO

ID CODE 6150

I the undersigned asks to participate in the public selection, for qualifications and examinations, for the awarding of a type B fellowship at Dipartimento di Scienze Agrarie e Ambientali - Produzione, Territorio, Agroenergia

Scientist- in - charge: Dott.ssa. Monica Battini

Lisette Leliveld

CURRICULUM VITAE

PERSONAL INFORMATION

Surname	Leliveld
Name	Lisette Maria Charlotte

PRESENT OCCUPATION

Appointment	Structure
none	-

EDUCATION AND TRAINING

Degree	Course of studies	University	year of achievement of the degree
Degree	Biology (Propaedeutic diploma)*	Utrecht University (The Netherlands)	2000
Specialization	-		
PhD	Zoology	University of Veterinary Medicine Hannover (Germany)	2009
Master	Biology	Utrecht University (The Netherlands)	2005
Degree of medical specialization	-		
Degree of European specialization	-		
Other	Animal experimentation certificate (focus: pigs)	Berliner Kompaktkurse (Germany)	2018
Other	Habilitation Fascia II (07/H1 & 07/G1)	Abilitazione Scientifica Nazionale (ASN)	2023

*At the time when I studied, the university system did not have a separate Bachelor and Master phase, but rather one complete study that was finished with a degree equivalent to Master. A Propaedeutic diploma was awarded after the first year of study.



REGISTRATION IN PROFESSIONAL ASSOCIATIONS

Date of registration	Association	City
09/07/2018	International society for applied ethology (ISAE)	Celle (West Central Europe)

FOREIGN LANGUAGES

Languages	level of knowledge
Dutch	Native
English	Fluent
German	Fluent
Italian	Intermediate/advanced
French	Basic/intermediate

AWARDS, ACKNOWLEDGEMENTS, SCHOLARSHIPS

Year	Description of award
2016	Research funding: European Commission's 7 th Framework Programme (ANIHWA ERA-Net). Duration: 3 years. Covered costs (German part): 130.793,77 € I was a co-applicant for the project: SOUNDWEL (ID: 70) - Toward a tool for farmers to evaluate welfare states of pigs: measuring vocal indicators of emotions.
2014	Research funding: Deutsche Forschungsgemeinschaft (DFG). Duration: 2 years (extended to 4.5 years because of maternity leave). Covered costs: 125.879 € I was a first applicant for the project: Functional lateralization in domestic pigs (<i>Sus scrofa</i>): Interactions with emotions and personality.

TRAINING OR RESEARCH ACTIVITY

description of activity	
01/02/2020 - 31/10/2023	Post-Doctoral Research. Università degli Studi di Milano, Milan, Italy, Department of Agricultural and Environmental Sciences.
01/06/2012 - 05/09/2019	Post-Doctoral Research. Leibniz Institute for Farm Animal Biology (FBN), Dummerstorf, Germany, Institute for Behavioural Physiology.
01/09/2011 - 30/04/2012	Post-Doctoral Research. Teagasc - Agriculture and Food Development Authority, Ireland, Pig Development Department, Animal & Grassland Research & Innovation Centre.
08/05/2010 - 04/08/2010	Field assistance. University of Veterinary Medicine Hannover, Germany, Institute of Zoology (Ankarafantsika National Park, Madagascar). Self-funded.
01/11/2009 - 30/04/2010	Post-Doctoral Research. University of Veterinary Medicine Hannover, Germany, Institute of Zoology, Research Group Behaviour and Evolution.



01/10/2006 - **PhD project.** University of Veterinary Medicine Hannover, Germany, Institute of
31/10/2009 Zoology, Research Group Behaviour and Evolution. Funded by the Marie Curie 6th
Framework Programme for Early Stage Research.

PROJECT ACTIVITY

Year	Project
2020-2023	Integrated Environment Management System in dairy barns to improve the welfare and productivity of the cows (GALA). Duration: 3.5 years. Funding: Lombardy Region, Rural Development Program 2014-2020, EIP-AGRI Operational Groups. Role: postdoctoral researcher
2015-2020	SOUNDWEL (ID: 70) - Toward a tool for farmers to evaluate welfare states of pigs: measuring vocal indicators of emotions. Duration: 4.5 (prolonged due to maternity leave). Funding: European Commission's 7 th Framework Programme (ANIHWA ERA-Net). Roles: co-applicant/ postdoctoral researcher
2014-2019	Functional lateralization in domestic pigs (<i>Sus scrofa</i>): Interactions with emotions and personality. Duration: 4.5 years (prolonged due to maternity leave). Funding: Deutsche Forschungsgemeinschaft (DFG). Roles: first applicant/ coordinator/ postdoctoral researcher
2011-2012	Effect of low phosphorus diets on aspects of welfare and health of slaughter pigs and breeding sows. Duration: 8 months. Funding: Department of Agriculture, Food and the Marine, Ireland. Roles: postdoctoral researcher/ coordinator
2011-2012	Assessment of a solid-liquid separation system for pig manure and the influence of pig diet on composition of solid and liquid fractions. Duration: 8 months. Funding: Department of Agriculture, Food and the Marine, Ireland. Roles: postdoctoral researcher/ coordinator
2006-2009	Asymmetries in hand use and the perception of communication sounds in early primates (<i>Microcebus spp.</i>): effects of sex and experience. Duration: 3 years (PhD project, concluded with thesis) Funding: Marie Curie 6 th Framework Programme for Early Stage Research. Role: PhD student
2004-2005	The timing of savannah burning and its influence on the grazing strategy of large grazers in Benoué National Park, Cameroon. Duration: 7.5 months (Master project, concluded with thesis). Funding: Institute of Environmental Sciences Leiden, Netherlands, Lucie Burgers Foundation, The FONA Foundation for Research on Nature Conservation, KF Hein Foundation, Utrecht University. Role: master student
2004	The effect of an acute stressor on the spatial learning and memory in pigs. Duration: 4.5 months (Master project, concluded with thesis). Funding: Wageningen University and Research Centre, Netherlands. Role: master student
2003-2004	Implementation of the EU nature conservation policy in the (eastern European) new member states. Duration: 4.5 months (Master project, concluded with thesis).



	Funding: Utrecht University, Netherlands. Role: master student
2002-2003	Quantifying reactive and proactive aggression in children's behaviour. Duration: 6 months (Master project, concluded with thesis). Funding: Utrecht University, Netherlands. Role: master student

PATENTS

Patent
none

CONGRESSES AND SEMINARS

Date	Title	Place
2023	Leliveld, LMC; Lovarelli, D; Finzi, A; Riva, E; Provolo, G. Effects of cow reproductive status, parity and lactation stage on behaviour and heavy breathing indications of a commercial accelerometer during hot weather conditions (talk).	56 th Congress of the International Society for Applied Ethology, Tallin, Estonia
2023	Goursot, C; Düpjan, S; Tuchscherer, A; Puppe, B; Leliveld, LMC. Auditory laterality in pigs and the emotional valence hypothesis (talk).	56 th Congress of the International Society for Applied Ethology, Tallin, Estonia
2023	Provolo, G; Leliveld, LMC; Lovarelli, D; Riva, E. Integrating barn environmental data and cow behaviour to improve farm management and animal welfare (talk).	IEEE International Workshop on Measurements and Applications in Veterinary and Animal Sciences (IEEE MeAVeAS), Napels, Italy
2021	Leliveld, LMC. Indicators of emotions - Lateralisation (invited talk).	PhD course: The fundamentals of animal emotions, Wageningen University, Wageningen, The Netherlands.
2022	Goursot, C; Düpjan, S; Tuchscherer, A; Puppe, B; Leliveld, LMC. Auditory laterality and affective responses in pigs (talk, in German).	54. Internationale Tagung Angewandte Ethologie (International Congress on Applied Ethology), Freiburg, Germany
2022	Leliveld, LMC; Riva, E; Provolo, G. Development of an integrated automatic system to monitor cow welfare (talk).	AIIA 2022: biosystems engineering towards the green deal, improving the resilience of agriculture, forestry and food systems in the post-Covid era. Palermo, Italy
2022	Leliveld, LMC; Riva, E.; Provolo, G. Prototype design of an integrated system to monitor dairy cow welfare (talk).	10 th European Conference on Precision Livestock Farming, Vienna, Austria



2021	Leliveld, LMC. PLF and barn microclimate (talk).	VI edition of Ragusa SHWA, online.
2021	Briefer, EF; Linhart, P; Policht, R; Špinko M; Leliveld, LMC ; Düpjan, S; Puppe, B; Padilla de la Torre, M; Janczak, A; Bourguet, C; Deiss, V; Boissy, A; Coulon, M; Hillmann, E; Tallet, C. Towards an automated classification of pig calls according to their emotional valence and behavioural context: a comparison of methods (talk).	54 th Congress of the International Society for Applied Ethology, Online
2021	Goursot, C; Düpjan, S; Tuchscherer, A; Puppe, B; Leliveld, LMC. Affective styles and animal welfare (talk).	54 th Congress of the International Society for Applied Ethology, Online
2021	Leliveld, LMC. Indicators of emotions - Lateralisation (invited talk).	PhD course: The fundamentals of animal emotions, Wageningen University, Wageningen, The Netherlands, Online.
2019	Briefer, EF; Linhart, P; Policht, R; Špinko M; Leliveld, LMC ; Düpjan, S; Puppe, B; Padilla de la Torre, M; Janczak, A; Bourguet, C; Deiss, V; Boissy, A; Coulon, M; Hillmann, E; Tallet, C. Vocal expression of valence in pigs across multiple call types and contexts (talk).	2 nd International Workshop on Vocal Interactivity in-and-between Humans, Animals and Robots, London, UK.
2019	Leliveld, LMC ; Düpjan, S; Tuchscherer, A; Puppe, B. Hemispheric specialisation for processing the communicative and emotional content of vocal communication signals in young pigs (talk).	53 rd Congress of the International Society for Applied Ethology, Bergen, Norway.
2019	Goursot, C; Düpjan, S; Tuchscherer, A; Puppe, B; Leliveld, LMC. Visual laterality and affective reactions in domestic pigs (talk).	53 rd Congress of the International Society for Applied Ethology, Bergen, Norway.
2019	Goursot, C; Düpjan, S; Kanitz, E; Tuchscherer, A; Puppe, B; Leliveld, LMC. Functional lateralization in pigs: Interactions with emotions and personality (poster).	CogEvo2019: Rovereto Workshop on Cognition and Evolution, Rovereto, Italy.
2019	Leliveld, LMC. Indicators of emotions - Lateralisation (invited talk).	PhD course: The fundamentals of animal emotions, Wageningen University, Wageningen, The Netherlands.



2019	Leliveld, LMC. Indicators of emotions - Vocalizations (invited talk).	PhD course: The fundamentals of animal emotions, Wageningen University, Wageningen, The Netherlands.
2018	Goursot, C; Düpjan, S; Tuchscherer, A; Puppe, B; Leliveld, LMC. Visual laterality and affective reactions in domestic pigs (talk ; in German).	50. Internationale Tagung Angewandte Ethologie (International Conference on Applied Ethology), Freiburg, Germany.
2017	Leliveld, LMC. Laterality and animal welfare: examples from pigs and other vertebrates (seminar).	Rühr-Universität Bochum, Bochum, Germany.
2017	Leliveld, LMC. Laterality and animal welfare: examples from pigs and other vertebrates (seminar).	Leibniz-Institute for Farm Animal Biology, Dummerstorf, Germany.
2016	Leliveld, LMC. Acoustic communication in captive animals (invited talk).	Sound and the City (Workshop), University of Turin, Turin, Italy.
2016	Leliveld, LMC; Düpjan, S; Puppe, B. Laterality and animal welfare: examples from pigs and other vertebrates (invited talk).	5 th North Sea Laterality Meeting, Groningen, Netherlands.
2016	Leliveld, LMC; Düpjan, S; Puppe, B. Laterality and animal welfare: examples from pigs and other vertebrates (Keynote talk in symposium on laterality in vertebrates).	8 th European Conference on Behavioural Biology, Vienna, Austria.
2016	Goursot, C; Düpjan, S; Kalbe, C; Kanitz, E; Puppe B; Tuchscherer, A; Leliveld, LMC. Investigating motor lateralisation patterns in domestic pigs (<i>Sus scrofa</i>) (poster ; in German).	48. Internationale Tagung Angewandte Ethologie (International Conference on Applied Ethology), Freiburg, Germany.
2016	Goursot, C; Düpjan, S; Kalbe, C; Kanitz, E; Puppe B; Tuchscherer, A; Leliveld, LMC. Investigating motor lateralisation patterns in domestic pigs (<i>Sus scrofa</i>) (poster).	8 th European Conference on Behavioural Biology, Vienna, Austria.
2015	Leliveld, LMC; Düpjan, S; Tuchscherer, A; Puppe, B. Anticipation of mildly positive and negative stimuli in juvenile fattening pigs (talk ; in German).	47. Internationale Tagung Angewandte Ethologie (International Congress on Applied Ethology), Freiburg, Germany.
2015	Leliveld, LMC. Behavioural methods for studying emotions and personality in pigs (seminar).	University of Rennes, Rennes, France.
2014	Leliveld, LMC. Behavioural methods for studying emotions and personality in pigs (seminar).	ETH Zurich, Zurich, Switzerland.



2012	Leliveld, LMC; Fiszka, P; Nolan, T; Lynch, PB; O'Doherty, JV; Lawlor, PG. Liquid pig manure composition on a small sample of Irish farms (talk).	Agricultural Research Forum, Tullamore, Ireland.
2010	Leliveld, LMC; Scheumann, M; Zimmermann, E. Studies on mouse lemurs (<i>Microcebus spp.</i>): Handedness and acoustic communication (invited talk).	Workshop of the European Association of Zoo and Wildlife Veterinarians, Göttingen, Germany.
2010	Leliveld, LMC. Asymmetries in hand use and the perception of communication sounds in early primates (<i>Microcebus spp.</i>): effects of sex and experience (seminar).	University of Veterinary Medicine Hannover, Hannover, Germany.
2009	Leliveld, LMC; Scheumann, M; Zimmermann, E. Acoustic correlates to individuality in the vocal repertoire of a nocturnal lemur (<i>Microcebus murinus</i>) (talk).	7 th International Conference on Behaviour, Physiology and Genetics of Wildlife, Berlin, Germany.
2009	Leliveld, LMC; Scheumann, M; Zimmermann, E. Individual signatures in communication calls of a nocturnal lemur (<i>Microcebus murinus</i>) (poster).	31 st International Ethological Conference, Rennes, France.
2009	Leliveld, LMC; Schopf, C; Scheumann, M; Zimmermann, E. Individual cues in vocalisations across the vocal repertoire of two mouse lemur species (talk).	11 th Meeting of the Gesellschaft für Primatologie, Hannover, Germany.
2009	Leliveld, LMC; Scheumann, M; Zimmermann, E. Do ancestral primates have handedness (poster).	Marie Curie Monitoring of DE-EST contracts, Bonn, Germany.
2008	Leliveld, LMC; Scheumann, M; Zimmermann, E. Individual signatures in communication calls of a nocturnal lemur (<i>Microcebus murinus</i>) (poster).	International Primatological Society XXII Congress, Edinburgh, Scotland.
2008	Leliveld, LMC; Scheumann, M; Zimmermann, E. Individual signatures in communication calls of a nocturnal lemur (<i>Microcebus murinus</i>) (poster).	International Conference on Vocal Communication in Birds and Mammals, St Andrews, Scotland.
2008	Leliveld, LMC; Scheumann, M; Zimmermann, E. Do ancestral primates have handedness (poster).	Marie Curie Conference, Barcelona, Spain.
2007	Leliveld, LMC; Scheumann, M; Zimmermann, E. Manual lateralization in early primates: a comparison of two mouse lemur species (talk).	30 th International Ethological Conference, Halifax, Canada.



2007	Leliveld, LMC; Scheumann, M; Zimmermann, E. Manual lateralization in early primates: a comparison of two mouse lemur species (poster).	Brainstorming 3: Stroke and Traumatic brain injury, Hannover, Germany.
------	---	--

PUBLICATIONS

Books		
Book chapter: Zimmermann, E.; Leliveld, LMC; Schekha, S. Toward the evolutionary roots of affective prosody in human acoustic communication: A comparative Approach to mammalian voices. In: Altenmüller E, Schmidt S Zimmermann E, editors. Evolution of emotional communication: from sounds in nonhuman mammals to speech and music in man, Oxford, UK: Oxford University Press; p. 116-32 (2013) DOI: 10.1093/acprof:oso/9780199583560.003.0008		
Articles in reviews		
Leliveld, LMC; Lovarelli, D; Riva, E; Provolo, G. Dairy cow behaviour and physical activity as indicators of heat stress. Resubmitted to <i>Animal</i> , Amsterdam, the Netherlands: Elsevier		
Leliveld, LMC; Brandolese, C; Grotto, M; Marinucci, A; Fossati, N; Lovarelli, D; Riva, E; Provolo, G. Real-time automatic integrated monitoring of barn environment and dairy cattle behaviour: Technical implementation and evaluation on three commercial farms. In press at <i>Computers and Electronics in Agriculture</i> , Amsterdam, the Netherlands: Elsevier		
Leliveld, LMC; Lovarelli, D; Finzi, A; Riva, E; Provolo, G. Effects of cow reproductive status, parity and lactation stage on behaviour and heavy breathing indications of a commercial accelerometer during hot weather conditions. <i>International Journal of Biometeorology</i> , Berlin, Germany: Springer, Vol. 67, 1263-1272 (2023) DOI: 10.1007/s00484-023-02496-2		
Lovarelli, D; Brandolese, C; Leliveld, LMC; Finzi, A; Riva, E; Grotto, M. Provol, G. Development of a new wearable 3D sensor node and innovative open classification system for dairy cows' behavior. <i>Animals</i> , Basel, Switzerland: MDPI; Vol. 12, 1447 (2022) DOI: 10.3390/ani12111447		
Briefer, EF; Sypherd, CCR; Linhart, P; Leliveld, LMC; Padilla de la Torre, M; Read, ER; Guérin, C; Deiss, V; Monestier, C; Rasmussen, JH; Špinka, M; Düpjan S; Boissy, A; Janczak, AM; Hillmann, E; Tallet, C. Classification of pig calls produced from birth to slaughter according to their emotional valence and context of production. <i>Scientific Reports</i> , London, UK: Springer Nature; Vol. 12, 3409 (2022) DOI: 10.1038/s41598-022-07174-8		
Leliveld, LMC; Riva, E; Mattachini, G; Finzi, A; Lovarelli, D; Provolo, G. Dairy cow behavior is affected by period, time of day and housing. <i>Animals</i> , Basel, Switzerland: MDPI; Vol. 12, 512 (2022) DOI: 10.3390/ani12040512		
Goursot, C; Düpjan, S; Tuchscherer, A; Puppe, B; Leliveld, LMC. Affective styles and emotional lateralization: A promising framework for animal welfare research. <i>Applied Animal Behaviour Science</i> , Amsterdam, the Netherlands: Elsevier; Vol. 237, 105279 (2021) DOI: 10.1016/j.applanim.2021.105279		
Leliveld, LMC; Düpjan, S; Tuchscherer, A; Puppe, B. Hemispheric specialization for processing the communicative and emotional content of vocal communication in a social mammal, the domestic pig. <i>Frontiers in Behavioural Neuroscience</i> , Lausanne, Switzerland: Frontiers Media SA; Vol. 14, 596758 (2020) DOI: 10.3389/fnbeh.2020.596758		



<p>Leliveld, LMC; Provolo, G. A review of welfare indicators of indoor-housed dairy cow as a basis for integrated automatic welfare assessment systems <i>Animals</i>, Basel, Switzerland: MDPI; Vol. 10, 1430 (2020) DOI:10.3390/ani10081430</p>
<p>Leliveld, LMC. From science to practice: A review of laterality research on ungulate livestock. <i>Symmetry</i>, Basel, Switzerland: MDPI; Vol. 11(9) 1157 (2019) DOI: 10.3390/sym11091157</p>
<p>Goursot, C; Düpjan, S; Tuchscherer, A; Puppe, B; Leliveld, LMC. Visual laterality in pigs: Monocular viewing influences emotional reactions in pigs. <i>Animal Behaviour</i>, Amsterdam, the Netherlands: Elsevier; Vol. 154, 183-192 (2019) DOI: 10.1016/j.anbehav.2019.06.021</p>
<p>Goursot, C; Düpjan, S; Kanitz, E; Tuchscherer, A; Puppe, B; Leliveld, LMC. Assessing animal individuality: links between personality and laterality in pigs (<i>Sus scrofa</i>). <i>Current Zoology</i>, Oxford, UK: Oxford University Press; 65, 541-551 (2019) DOI: 10.1093/cz/zoy071</p>
<p>Goursot, C; Düpjan, S; Tuchscherer, A; Puppe, B; Leliveld, LMC. Behavioural lateralisation in domestic pigs (<i>Sus scrofa</i>) - variations between motor functions and individuals. <i>Laterality</i>, Abingdon, UK: Taylor & Francis Online; Vol. 23:5, 576-598 (2018) DOI: 10.1080/1357650X.2017.1410555</p>
<p>Leliveld, LMC; Düpjan, S; Tuchscherer, A; Puppe, B. Vocal correlates of emotional reactivity within and across contexts in domestic pigs (<i>Sus scrofa</i>). <i>Physiology & Behavior</i>, Amsterdam, the Netherlands: Elsevier; Vol. 181, 117-126 (2017) DOI: 10.1016/j.physbeh.2017.09.010</p>
<p>Leliveld, LMC; Düpjan, S; Tuchscherer, A; Puppe, B. Behavioural and physiological measures indicate subtle variations in the emotional valence of young pigs. <i>Physiology & Behavior</i>, Amsterdam, the Netherlands: Elsevier; Vol. 157, 116-124 (2016) DOI: 10.1016/j.physbeh.2016.02.002</p>
<p>Kessler, SE; Radespiel, U; Hasiniaina, AIF; Leliveld, LMC; Nash, LT; Zimmermann, E. Modeling the origins of mammalian sociality: moderate evidence for matrilineal signatures in mouse lemur vocalizations. <i>Frontiers in Zoology</i>, London, UK: Biomed Central; Vol. 11:14 (2014) DOI: 10.1186/1742-9994-11-14</p>
<p>Leliveld, LMC; Langbein, J; Puppe, B. The emergence of emotional lateralization: evidence in non-human vertebrates and implications for farm animals. <i>Applied Animal Behaviour Science</i>, Amsterdam, the Netherlands: Elsevier; Vol. 145, 1-14 (2013) DOI: 10.1016/j.applanim.2013.02.002</p>
<p>Leliveld LMC; Riemensperger, AV; Gardiner, GE; O' Doherty, JV; Lynch, PB; Lawlor, PG. Effect of weaning age and post weaning feeding programme on the growth performance of pigs to 10 weeks of age. <i>Livestock Science</i>, Amsterdam, the Netherlands: Elsevier; Vol. 157, 225-233 (2013) DOI: 10.1016/j.livsci.2013.06.030</p>
<p>Leliveld, LMC; Scheumann, M; Zimmermann, E. Acoustic correlates of individuality in the vocal repertoire of a nocturnal primate (<i>Microcebus murinus</i>). <i>Journal of the Acoustical Society of America</i>, Melville (NY), USA: AIP Publishing; Vol. 129 (4), 2278-2288 (2011) DOI: 10.1121/1.3559680</p>
<p>Scheumann, M; Joly-Radko, M; Leliveld, LMC; Zimmermann, E. Does body posture influence hand preference in an ancestral primate model? <i>BMC Evolutionary Biology</i>, London, UK: Biomed Central; Vol. 11, 52 (2011) DOI: 10.1186/1471-2148-11-52</p>
<p>Leliveld, LMC; Scheumann, M; Zimmermann, E. Effects of caller characteristics on auditory laterality in an early primate (<i>Microcebus murinus</i>). <i>PLoS ONE</i>, San Francisco (CA), USA: Public Library of Science; Vol. 5 (2): e9031 (2010) DOI: 10.1371/journal.pone.0009031</p>



Leliveld, LMC; Scheumann, M; Zimmermann, E. Manual lateralization in early primates: a comparison of two mouse lemur species. *American Journal of Physical Anthropology*, Hoboken (NJ), USA: Wiley; 137 (2), 156-163 (2008) DOI: 10.1002/ajpa.20852

Congress proceedings

Leliveld, LMC; Riva, E.; Provolo, G. Prototype design of an integrated system to monitor dairy cow welfare. 10th European Conference on Precision Livestock Farming, Vienna, Austria, pp. 56-63 (2022).

Briefer, EF; Linhart, P; Policht, R; Špinko M; **Leliveld, LMC; Düpjan, S; Puppe, B; Padilla de la Torre, M; Janczak, A; Bourguet, C; Deiss, V; Boissy, A; Coulon, M; Hillmann, E; Tallet, C.** Vocal expression of valence in pigs across multiple call types and contexts. Proceedings of VIHAR 2019: the 2nd International Workshop on Vocal Interactivity in-and-between Humans, Animals and Robots, London, UK. Published in PeerJ Preprints (2019). DOI: 10.7287/peerj.preprints.27934

Goursot, C; Düpjan, S; Tuchscherer, A; Puppe, B; **Leliveld, LMC.** Auditory laterality and affective responses in pigs. 54. Internationale Tagung Angewandte Ethologie (International Congress on Applied Ethology), Freiburg, Germany. Published in KTBL-Schrift 11530, 61-70 (2022).

Goursot, C; Düpjan, S; Tuchscherer, A; Puppe, B; **Leliveld, LMC.** Visuelle Lateralisation und affektive Reaktionen beim Hausschwein. 50. Internationale Tagung Angewandte Ethologie (International Congress on Applied Ethology), Freiburg, Germany. Published in KTBL-Schrift 514, 273-275 (2018).

Leliveld, LMC; Düpjan, S; Tuchscherer, A; Puppe, B. Antizipation von mild positiven und negativen Reizen bei jungen Mastschweinen. 47. Internationale Tagung Angewandte Ethologie (International Congress on Applied Ethology), Freiburg, Germany. Published in KTBL-Schrift 510, 70-81 (2015).

OTHER INFORMATION

Contact details of references:

1. Prof. Dr. Birger Puppe
Leibniz-Institute for Farm Animal Biology
Institute of Behavioural Physiology
Wilhelm-Stahl-Allee 2
18196 Dummerstorf
Germany
Email: puppe@fbn-dummerstorf.de
Telephone: +49 38208 68800

2. Dr. Peadar Lawlor
Teagasc Research Centre
Pig Development Unit
Moorepark
Fermoy
Co. Cork
Ireland
Email: Peadar.Lawlor@teagasc.ie
Telephone: +353 25 42217

Declarations given in the present curriculum must be considered released according to art. 46 and 47 of DPR n. 445/2000.



The present curriculum does not contain confidential and legal information according to art. 4, paragraph 1, points d) and e) of D.Lgs. 30.06.2003 n. 196.

Please note that CV WILL BE PUBLISHED on the University website and It is recommended that personal and sensitive data should not be included. This template is realized to satisfy the need of publication without personal and sensitive data.

Please DO NOT SIGN this form.

Place and date: Albino (BG), 12/12/23