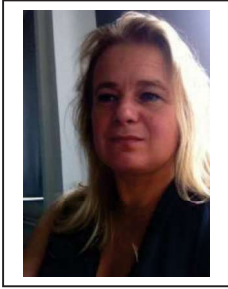


## Curriculum vitae-Cathérine Delesalle



### PERSONAL INFORMATION

Date of birth: 25th april 1972

Nationality: Belgian

ORCID ID 0000-0001-8969-1407

Married, 2 children: Christiaan (born 23/02/2006) and Lucas (born 4/04/2011).

### EDUCATION, CURRENT & PREVIOUS POSITIONS

Cathérine Delesalle **graduated** from the **Ghent University Faculty of Veterinary Medicine**, Belgium, in **1997**, (magna cum laude) and then directly started working as a veterinarian at the Large Animal Internal Medicine Animal Hospital of the Ghent University. In **2008** (18/03/2008) she successfully defended her **PhD thesis**, entitled: 'Ileus in the colic horse: prognostic factors and the role of serotonin and serotonergic receptors' (Promotors: Prof. Piet Deprez, Faculty of Veterinary Medicine and Prof. Romain Lefebvre, Faculty of Medicine and Health Sciences). **From 2008 to 2013, Cathérine left Belgium for a full-time position as Assistant Professor at the Utrecht University, The Netherlands**, Faculty of Veterinary Medicine, Department of Equine Sciences. During those 5 years, she combined clinical work with management tasks and the promotorship of three Phd's (Sara Torfs, Margreet Ploeg and Veronique Saey). She remained during this time, Visiting Professor at the Ghent University. In **2009**, she became **Board certified by examination at the ECEIM**: European College of Equine Internal Medicine (Member of EBVS). In **2013**, Cathérine returned to the Veterinary Faculty of the Ghent University and completed a **BOF Tenure Track position, again as Assistant professor**. In **2018** she became **Associate Professor** and linked her Research Group to what is now the Department of Translational Physiology, Infectiology & Public Health. During the past decade, she has created and grown her research team: Research Group of Comparative Physiology. The team has already carried out research for major industrial partners and combined clinical trials and basic research. The comparative aspect of performed research, across animal species and human, broadens insights into physiological feedback and coping processes, which is of great importance to understand pathophysiological processes and identify possible therapeutic avenues. The Research group of Comparative physiology focuses on exercise physiology in all its aspects: metabolic/endocrinological interactions, the effect of different types of exercise and dietary interventions on muscular and gut physio-plasticity, ergogenic and regenerative management and neurophysiological assessment in a comparative approach. Novel and innovative research techniques and study set-ups are applied and combined with more conventional analysis techniques which allows for exploring the possible existence of previously unknown pathways and coping mechanisms.

### DEFENDED AND ONGOING PhD research projects

At this point **6 Phds have been successfully defended and 4 Phds are ongoing** of which two are in their final stage

## Curriculum vitae-Cathérine Delesalle

1. **Mathilde Pluim.** *The Effect of High-Power Laser Therapy in Tendinitis and Desmitis in the Horse.* Ghent University. Faculty of Veterinary Medicine (07/06/2022). Promotors: Prof. Catherine Delesalle, Prof. Ann Martens , Prof. Katrien Vanderperren and Prof. René Van Weeren
2. **Elisabeth-Lidwien Verdegaal.** *Thermoregulation in Exercising Horses : Aspects of Temperature Monitoring during Field Exercise.* Ghent University. Faculty of Veterinary Medicine ; Joint PhD with the University of Adelaide. School of Animal and Veterinary Science (13/07/2022). Promotors: Prof. Catherine Delesalle, Prof. Gordon S. Howarth and Prof. Todd J. McWhorter
3. **De meeûs, Constance.** *Differential Effect of Exercise on Bioenergetics and Plasticity of the Equine Muscle.* Ghent University. Faculty of Veterinary Medicine (15/06/2022). Promotors: Prof. Catherine Delesalle, Prof. Luc Leybaert and Prof. Ward De Spiegelare
4. **Veronique Saey:** *Phenotypical characterization of aortic rupture in Friesian horses.* Ghent University. Faculty of Veterinary Medicine (12/09/2016): Promotors: Prof. Koen Chiers, Prof. Gunther van Loon, Prof. Catherine Delesalle
5. **Margreet Ploeg:** *Challenging Friesian horse diseases -Aortic rupture and megaesophagus.* Joint PhD with Utrecht University, Faculty of Veterinary Medicine (27/10/2015). Promotors: Prof. Catherine Delesalle, Prof. Koen Chiers, Prof. Andrea Gröne, Prof. René van Weeren
6. **Sara Torfs.** *Complications and Prognostic Factors in Equine Surgical Colic.* Ghent University. Faculty of Veterinary Medicine (16/10/2012). Promotors: Prof. Piet Deprez, Prof. Catherine Delesalle and Prof. Gunther van Loon

## TEACHING ACTIVITIES

Cathérine started her BOF Tenure Track position in 2013 and was immediately involved in the teaching of the course that was at that time known as “**Physiology III: G000053**”. In 2015 she became responsible lecturer (titularis) for “Physiology III: G000053” (65 A hours and 25 B hours). From 2016 onwards, she also became titularis of the course that was at that time known as “**Physiology II G000206**” (again 65 A hours and 20 B hours). **From 2016 to 2019, she was as BOF Tenure Track, responsible titularis for both courses Physiology I (G000206) and Physiology II (G000053)(both 65 A hours and respectively 25 and 20 B hours)(each 8 study points), and responsible titularis for both Physiology & Pathophysiology I (G000720) and Physiology & Pathophysiology II (G000724).** The explanation for the new names of both courses for which she remained responsible titularis: In 2017, at the request of the Faculty Educational Committee, in the context of the then ongoing curriculum reform, she also added the pathophysiology components to both course components, and reworked all teaching materials and practicals for both courses. After which both courses were renamed: First semester: 65 teaching hours and 25 practical hours: Physiology & Pathophysiology I (G000720). Second semester: 65 teaching hours and 20 practical hours: Physiology & Pathophysiology II (G000724). Since start of her BOF Tenure Track position, Cathérine is also involved in teaching in the course “**Lab Animal Science I**” of Prof. Katleen Hermans.

## Curriculum vitae-Cathérine Delesalle

### SUPERVISION OF BACHELOR and MASTER STUDENTS (veterinary and non-veterinary, Nationally & Internationally)

The research team has been and is hosting both bachelor and master students of different educational programs, both nationally and internationally (veterinary medicine, biomedical sciences, biomedical engineering, etc, including para veterinary and animal management studies). A detailed overview of hosted students and the research topics they have been working on can be found in the addendum.

### MEMBERSHIP OF SCIENTIFIC SOCIETIES

-Member of ECEIM: European College of Equine Internal Medicine

-Member of BEVA: British Equine Veterinary Association

-Member of the American Physiological Society

-Member of EFSA Scientific and Technical Support unit: role of assessor

-Member of the FWO research group GIREM (Gastrointestinal Regulatory mechanisms) steering committee

### ORGANISATION OF SCIENTIFIC MEETINGS

-2010-2014: responsible for the Equine scientific programme of The Voorjaarsdagen International Veterinary Conference, Amsterdam, The Netherlands:  
[www.Voorjaarsdagen.org](http://www.Voorjaarsdagen.org)

-16 & 17 september 2011: organizing committee of the NEVA lustrum congress 2011, Eindhoven/Middelbeers Polo league

### COMMISSIONS OF TRUST

-On a regular basis scientific reviewer for a wide array of scientific journals

-External expert for the European Food Safety Authority (EFSA)

-Reviewer for VLAIO, IOF, AFFSA

### INSTITUTIONAL RESPONSIBILITIES

2014-2016: member of the Faculty Educational Committee.

2016-2019: member of the UGent Commission for Sustainability

2016-2018: member of the UGent Personnel and Internationalization resonance group

2016-2021: member of the Faculty Commission of Biosafety

2016-present: member of the Faculty Commission of Internationalization

### PUBLICATION LIST

1. Verdegaal, Elisabeth-Lidwien J.M.M., Gordon S. Howarth, Todd J. McWhorter, and Catherine Delesalle. 2022. "Is Continuous Monitoring of Skin Surface Temperature a Reliable Proxy to Assess the Thermoregulatory Response in Endurance Horses during Field Exercise?" *FRONTIERS IN VETERINARY SCIENCE* 9. doi:10.3389/fvets.2022.894146. Impact Factor: 3.12

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2. Pluim, Mathilde, Annabelle Heier, Saskia Plomp, Berit Boshuizen, Andrea Grone, Rene van Weeren, Katrien Vanderperren, Ann Martens, Jeroen Dewulf, Ilias Chantziaras, Marc Koene, Antonio Luciani, Maarten Oosterlinck, Leen Van Brantegem, and Catherine Delesalle. 2022. "Histological Tissue Healing Following High-Power Laser Treatment in a Model of Suspensory Ligament Branch Injury." *EQUINE VETERINARY JOURNAL* 54 (6): 1114–1122. doi:10.1111/evj.13556.

Impact factor: 2.888

3. De Maré, Lorie, Berit Boshuizen, Carmen Vidal Moreno de Vega, Constance De meeûs, Lukas Plancke, Yannick Gansemans, Filip Van Nieuwerburgh, Dieter Deforce, Jean Eduardo de Oliveira, Guilherme Hosotani, Maarten Oosterlinck, and Catherine Delesalle. 2022. "Profiling the Aerobic Window of Horses in Response to Training by Means of a Modified Lactate Minimum Speed Test : Flatten the Curve." *FRONTIERS IN PHYSIOLOGY* 13. doi:10.3389/fphys.2022.792052. Impact factor: 4.566

4. De meeûs, Constance, Berit Boshuizen, Maarten Oosterlinck, Don van de Winkel, Ward De Spiegelaere, Cornelis Marinus de Bruijn, Klara Goethals, Katrien Vanderperren, and Catherine Delesalle. 2021. "Flexibility of Equine Bioenergetics and Muscle Plasticity in Response to Different Types of Training : An Integrative Approach, Questioning Existing Paradigms." *PLOS ONE* 16 (4). doi:10.1371/journal.pone.0249922. Impact factor: 3.752

5. Verdegaal, Elisabeth-Lidwien J.M.M., Gordon S. Howarth, Todd J. McWhorter, Berit Boshuizen, Samantha H. Franklin, Carmen Vidal Moreno de Vega, Stacey E. Jonas, Louise E. Folwell, and Catherine Delesalle. 2021. "Continuous Monitoring of the Thermoregulatory Response in Endurance Horses and Trotter Horses during Field Exercise : Baselineing for Future Hot Weather Studies." *FRONTIERS IN PHYSIOLOGY* 12. doi:10.3389/fphys.2021.708737. Impact factor: 4.566

6. De meeûs, Constance, Berit Boshuizen, Carmen Vidal Moreno de Vega, Luc Leybaert, Lorie De Maré, Klara Goethals, Ward De Spiegelaere, Maarten Oosterlinck, and Catherine Delesalle. 2021. "Comparison of Shifts in Skeletal Muscle Plasticity Parameters in Horses in Three Different Muscles, in Answer to 8 Weeks of Harness Training." *FRONTIERS IN VETERINARY SCIENCE* 8. doi:10.3389/fvets.2021.718866. Impact factor: 3.12

7. Boshuizen, Berit, Carmen Vidal Moreno de Vega, Lorie De Maré, Constance De meeûs, Jean Eduardo de Oliveira, Guilherme Hosotani, Yannick Gansemans, Dieter Deforce, Filip Van Nieuwerburgh, and Catherine Delesalle. 2021. "Effects of Aleurone Supplementation on Glucose-Insulin Metabolism and Gut Microbiome in Untrained Healthy Horses." *FRONTIERS IN VETERINARY SCIENCE* 8. doi:10.3389/fvets.2021.642809. Impact factor: 3.12

8. Vandenberghe, Eveline, Berit Boshuizen, Catherine Delesalle, Lutz S. Goehring, Katy A. Groome, Kees van Maanen, and Cornelis M. de Bruijn. 2021. "New Insights into the Management of an EHV-1 (Equine Herpesvirus-1) Outbreak." *VIRUSES-BASEL* 13 (8). doi:10.3390/v13081429. Impact factor: 5.818.

9. Rovel, Tibor, Marieke Zimmerman, Luc Duchateau, Catherine Delesalle, Edouard Adriaensen, Tom Marien, Jimmy Saunders, and Katrien Vanderperren. 2021. "Computed Tomographic Examination of the Articular Process Joints of the Cervical

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Spine in Warmblood Horses : 86 Cases (2015-2017).” *JAVMA-JOURNAL OF THE AMERICAN VETERINARY MEDICAL ASSOCIATION* 259 (10): 1178–1187.

doi:10.2460/javma.20.03.0105.

Impact factor: 1.936.

10. Journée, Sanne, Henricus Journée, Stephen Reed, Hanneke Berends, Marco de Bruijn, and Catherine Delesalle. 2020. “Extramuscular Recording of Spontaneous EMG Activity and Transcranial Electrical Elicited Motor Potentials in Horses : Characteristics of Different Subcutaneous and Surface Electrode Types and Practical Guidelines.” *FRONTIERS IN NEUROSCIENCE* 14. doi:10.3389/fnins.2020.00652.

Impact factor: 5.152.

11. Journée, Sanne, Henricus Journee, Hanneke Berends, Steven Reed, Marco de Bruijn, and Catherine Delesalle. 2020. “Comparison of Muscle MEPs from Transcranial Magnetic and Electrical Stimulation and Appearance of Reflexes in Horses.” *FRONTIERS IN NEUROSCIENCE* 14.

doi:doi.org/10.3389/fnins.2020.570372.

Impact factor: 5.152.

12. Pluim, Mathilde, Ann Martens, Katrien Vanderperren, Rene van Weeren, Maarten Oosterlinck, Jeroen Dewulf, Mimoun Kichouh, Bert Van Thielen, Marc H. W. Koene, Antonio Luciani, Lukas Plancke, and Catherine Delesalle. 2020. “High-Power Laser Therapy Improves Healing of the Equine Suspensory Branch in a Standardized Lesion Model.” *FRONTIERS IN VETERINARY SCIENCE* 7.

doi:10.3389/fvets.2020.00600.

Impact factor: 3.412.

13. Journée, Sanne, Constance De meeûs, Lorie De Maré, Berit Boshuizen, Katrien Vanderperren, Louis Journée, Marco de Bruijn, Wilhelmina Bergmann, and Catherine Delesalle. 2019. “State-of-the-Art Diagnostic Methods to Diagnose Equine Spinal Disorders, with Special Reference to Transcranial Magnetic Stimulation and Transcranial Electrical Stimulation.” *JOURNAL OF EQUINE VETERINARY SCIENCE* 81. doi:10.1016/j.jevs.2019.102790.

Impact factor: 1.31.

14. Pluim, Mathilde, Ann Martens, Katrien Vanderperren, Steven Sarrazin, M Koene, A Luciani, PR van Weeren, and Catherine Delesalle. 2018. “Short- and Long Term Follow-up of 150 Sports Horses Diagnosed with Tendinopathy or Desmopathy by Ultrasonographic Examination and Treated with High-Power Laser Therapy.” *RESEARCH IN VETERINARY SCIENCE* 119: 232–238.

doi:10.1016/j.rvsc.2018.06.003.

Impact factor: 2.534.

15. Journée, Sanne Lotte, Henricus Louis Journée, Cornelis Marinus de Bruijn, and Catherine Delesalle. 2018. “Multipulse Transcranial Electrical Stimulation (TES) : Normative Data for Motor Evoked Potentials in Healthy Horses.” *BMC VETERINARY RESEARCH* 14. doi:10.1186/s12917-018-1447-7.

Impact factor: 2.741.

16. Boshuizen, Berit, Margreet Ploeg, Jeroen Dewulf, Sanne Klooster, Marco de Bruijn, Marie-Thérèse Picavet, Katrien Palmers, Lukas Plancke, Hilde De Cock, Mathijs Theelen, and Catherine Delesalle. 2018. “Inflammatory Bowel Disease (IBD) in Horses : A Retrospective Study Exploring the Value of Different Diagnostic

## Curriculum vitae-Cathérine Delesalle

Approaches." *BMC VETERINARY RESEARCH* 14. doi:10.1186/s12917-018-1343-1. Impact factor: 2.741

17.Ploeg, Margreet, Veronique Saey, Gunther van Loon, and Catherine Delesalle. 2017. "Thoracic Aortic Rupture in Horses." *EQUINE VETERINARY JOURNAL* 49 (3): 269–274. doi:10.1111/evj.12641.

Impact factor: 2.022.

18.Vermeulen, Rozanne, Constance De meeûs, Lukas Plancke, Berit Boshuizen, Marco de Bruijn, and Catherine Delesalle. 2017. "Effects of Training on Equine Muscle Physiology and Muscle Adaptations in Response to Different Training Approaches." *VLAAMS DIERGENEESKUNDIG TIJDSCHRIFT* 86 (4): 224–231.

Impact factor: 0.272.

19.De Maré, Lorie, Berit Boshuizen, Lukas Plancke, Marco de Bruijn, and Catherine Delesalle. 2017. "Standardized Exercise Tests in Horses : Current Situation and Future Perspectives." *VLAAMS DIERGENEESKUNDIG TIJDSCHRIFT* 86 (2): 63–72.

Impact factor: 0.272.

20.Robyn, Julie, Lukas Plancke, Berit Boshuizen, Constance De meeûs, Marco de Bruijn, and Catherine Delesalle. 2017. "Substrate Use in Horses during Exercise : The 'fasted' Compared to the Postprandial State." *VLAAMS DIERGENEESKUNDIG TIJDSCHRIFT* 86 (5): 275–285.

Impact factor: 0.272.

21.Lefebvre, Romain, Chana Callens, Inge Van Colen, and Catherine Delesalle. 2017. "The 5-HT4 Receptor Agonist Prucalopride Does Not Facilitate Cholinergic Neurotransmission in Circular and Longitudinal Smooth Muscle Preparations of Equine Mid-Jejunum." *RESEARCH IN VETERINARY SCIENCE* 114: 153–162.

doi:10.1016/j.rvsc.2017.04.006.

Impact factor: 1.616.

22.Catherine Delesalle, Marco de Bruijn, Sanne Wilmink, Hilde Vandendriessche, Gerben Mol, Berit Boshuizen, Lukas Plancke, and Guy Grinwis. 2017. "White Muscle Disease in Foals : Focus on Selenium Soil Content : A Case Series." *BMC VETERINARY RESEARCH* 13. doi:10.1186/s12917-017-1040-5.

Impact factor: 2.741.

23.de Bruijn, Cornelis Marinus, Willem Houterman, Margreet Ploeg, Bart Ducro, Berit Boshuizen, Klara Goethals, Elisabeth-Lidwien J.M.M. Verdegaal, and Catherine Delesalle. 2017. "Monitoring Training Response in Young Friesian Dressage Horses Using Two Different Standardised Exercise Tests (SETs)." *BMC VETERINARY RESEARCH* 13. doi:10.1186/s12917-017-0969-8. Impact factor: 2.741.

24.Ploeg, M, A Grone, CHA van de Lest, Veronique Saey, Luc Duchateau, P Wolsein, Koen Chiers, Richard Ducatelle, PR van Weeren, Maria Josephina de Bruijn, and Catherine Delesalle. 2017. "Differences in Extracellular Matrix Proteins between Friesian Horses with Aortic Rupture, Unaffected Friesians and Warmblood Horses." *EQUINE VETERINARY JOURNAL* 49 (5): 609–613. doi:10.1111/evj.12654.

Impact factor: 2.022.

25.Verdegaal, ELJMM, Catherine Delesalle, CGB Caraguel, LE Folwell, TJ McWhorter, GS Howarth, and SH Franklin. 2017. "Evaluation of a Telemetric Gastrointestinal Pill for Continuous Monitoring of Gastrointestinal Temperature in Horses at Rest and during Exercise." *AMERICAN JOURNAL OF VETERINARY*

## Curriculum vitae-Cathérine Delesalle

*RESEARCH* 78 (7): 778–784. doi:10.2460/ajvr.78.7.778.

Impact factor: 1.156.

26.Saey, Veronique, Margreet Ploeg, Catherine Delesalle, Gunther van Loon, A Gröne, Richard Ducatelle, Luc Duchateau, and Koen Chiers. 2016. “Morphometric Properties of the Thoracic Aorta of Warmblood and Friesian Horses with and without Aortic Rupture.” *JOURNAL OF COMPARATIVE PATHOLOGY* 154 (2–3): 225–230. doi:10.1016/j.jcpa.2016.02.001.

Impact factor: 1.311.

27.Saey, Veronique, Tim Vandecasteele, Gunther van Loon, Pieter Cornillie, M Ploeg, Catherine Delesalle, A Gröne, Ingrid Gielen, Richard Ducatelle, and Koen Chiers. 2016. “Friesian Horses as a Possible Model for Human Acquired Aortopulmonary Fistulation.” *BMC RESEARCH NOTES* 9. doi:10.1186/s13104-016-2201-5.

28.Taevernier, Lien, Lieselotte Veryser, Nathalie Roche, Kathelijne Peremans, Christian Burvenich, Catherine Delesalle, and Bart De Spiegeleer. 2016. “Human Skin Permeation of Emerging Mycotoxins (Beauvericin and Enniatins).” *JOURNAL OF EXPOSURE SCIENCE AND ENVIRONMENTAL EPIDEMIOLOGY* 26 (3): 277–287. doi:10.1038/jes.2015.10.

Impact factor: 5.563.

29.Journée, Sanne, Henricus Louis Journée, Cornelis Marinus de Bruijn, and Catherine Delesalle. 2015. “Design and Optimization of a Novel Method for Assessment of the Motor Function of the Spinal Cord by Multipulse Transcranial Electrical Stimulation in Horses.” *JOURNAL OF EQUINE VETERINARY SCIENCE* 35 (10): 793–800. doi:10.1016/j.jevs.2015.07.014.

Impact factor: 0.73.

30.Ploeg, Margreet, A Gröne, Veronique Saey, CM de Bruijn, Willem Back, PR van Weeren, W Scheideman, T Picavet, BJ Ducro, I Wijnberg, and Catherine Delesalle. 2015. “Esophageal Dysfunction in Friesian Horses: Morphological Features.” *VETERINARY PATHOLOGY* 52 (6): 1142–1147. doi:10.1177/0300985814556780.

Impact factor: 2.11.

31.Torfs, Sara, An Maes, Catherine Delesalle, Bart Pardon, Siska Croubels, and Piet Deprez. 2015. “Plasma Serotonin in Horses Undergoing Surgery for Small Intestinal Colic.” *CANADIAN VETERINARY JOURNAL-REVUE VETERINAIRE CANADIENNE* 56 (2): 178–184.

Impact factor: 1.008.

32.Ploeg, Margreet, Veronique Saey, Catherine Delesalle, A Gröne, Richard Ducatelle, Marco de Bruijn, Willem Back, PR van Weeren, Gunther van Loon, and Koen Chiers. 2015. “Thoracic Aortic Rupture and Aortopulmonary Fistulation in the Friesian Horse : Histomorphologic Characterization.” *VETERINARY PATHOLOGY* 52 (1): 152–159. doi:10.1177/0300985814528219. Impact factor: 2.11.

33.Saey, Veronique, Nele Famaey, Marija Smoljkic, Erik Claeys, Gunther van Loon, Richard Ducatelle, Margreet Ploeg, Catherine Delesalle, Andrea Gröne, Luc Duchateau, and Koen Chiers. 2015. “Biomechanical and Biochemical Properties of the Thoracic Aorta in Warmblood Horses, Friesian Horses, and Friesians with Aortic Rupture.” *BMC VETERINARY RESEARCH* 11. doi:10.1186/s12917-015-0597-0.

Impact factor: 2.741.

## Curriculum vitae-Cathérine Delesalle

34. Ploeg, M, Veronique Saey, CM de Bruijn, A Gröne, Koen Chiers, Gunther van Loon, Richard Ducatelle, PR van Weeren, Willem Back, and Catherine Delesalle. 2013. "Aortic Rupture and Aorto-Pulmonary Fistulation in the Friesian Horse: Characterisation of the Clinical and Gross Post Mortem Findings in 24 Cases." *EQUINE VETERINARY JOURNAL* 45 (1): 101–106. doi:10.1111/j.2042-3306.2012.00580.x. Impact factor: 2.369.
35. Jonckheer-Sheehy, Valerie SM, Catherine Delesalle, Antoon Jan M van den Belt, and Robin Van den Boom. 2012. "Bad Behavior or a Physical Problem?: Rearing in a Dutch Warmblood Mare." *JOURNAL OF VETERINARY BEHAVIOR-CLINICAL APPLICATIONS AND RESEARCH* 7 (6): 380–385. doi:10.1016/j.jveb.2011.10.005. Impact factor: 1.653.
36. Torfs, Sara, An Maes, Catherine Delesalle, Piet Deprez, and Siska Croubels. 2012. "Comparative Analysis of Serotonin in Equine Plasma with Liquid Chromatography–Tandem Mass Spectrometry and Enzyme-Linked Immunosorbent Assay." *JOURNAL OF VETERINARY DIAGNOSTIC INVESTIGATION* 24 (6): 1035–1042. doi:10.1177/1040638712457928. Impact factor: 1.647.
37. De Ceulaer, K, Catherine Delesalle, R Van Elzen, L Van Brantegem, A Weyns, and C Van Ginneken. 2011. "Morphological Data Indicate a Stress Response at the Oral Border of Strangulated Small Intestine in Horses." *RESEARCH IN VETERINARY SCIENCE* 91 (2): 294–300. doi:10.1016/j.rvsc.2010.11.020. Impact factor: 1.649.
38. De Ceulaer, Kris, Chris Van Ginneken, Catherine Delesalle, Leen Van Brantegem, Piet Deprez, and André Weyns. 2011. "The Use of Slaughterhouse-Obtained Small Intestinal Tissue as Control Material in Histological Studies Should Be Applied with Prudence." *HISTOLOGY AND HISTOPATHOLOGY* 26 (4): 427–431. Impact factor: 2.48
39. De Ceulaer, K, Catherine Delesalle, R Van Elzen, L Van Brantegem, A Weyns, and C Van Ginneken. 2011. "Morphological Changes in the Small Intestinal Smooth Muscle Layers of Horses Suffering from Small Intestinal Strangulation: Is There a Basis for Predisposition for Reduced Contractility?" *EQUINE VETERINARY JOURNAL* 43 (4): 439–445. doi:10.1111/j.2042-3306.2010.00246.x. Impact factor: 1.456.
40. Torfs, Sara, Tamara Levet, Catherine Delesalle, Jeroen Dewulf, Lieven Vlaminck, Frederik Pille, Laurence Lefère, and Ann Martens. 2010. "Risk Factors for Incisional Complications after Exploratory Celiotomy in Horses: Do Skin Staples Increase the Risk?" *VETERINARY SURGERY* 39 (5): 616–620. doi:10.1111/j.1532-950X.2009.00636.x. Impact factor: 1.437.
41. Catherine Delesalle, Maarten Hoogewijs, Jan Govaere, Jeroen Declercq, Stijn Schauvliege, Katleen Vanschandevijl, and Piet Deprez. 2009. "Ultrasound-Guided Pervaginal Drainage of Abscesses Associated with Rectal Tears in Four Mares." *VETERINARY RECORD* 165 (22): 662–663. Impact factor: 2.695.
42. Torfs, Sara, Catherine Delesalle, Jeroen Dewulf, Lindsey Devisscher, and Piet Deprez. 2009. "Risk Factors for Equine Postoperative Ileus and Effectiveness of



## Curriculum vitae-Cathérine Delesalle

Prophylactic Lidocaine.” *JOURNAL OF VETERINARY INTERNAL MEDICINE* 23 (3): 606–611. doi:10.1111/j.1939-1676.2009.0311.x. Impact factor: 3.333.

43.Vanschandevijl, Katleen, Heidi Nollet, Piet Deprez, Catherine Delesalle, Laurence Lefère, Jeroen Dewulf, and Gunther van Loon. 2009. “Variation in Deficient Serum Vitamin E Levels and Impact on Assessment of the Vitamin E Status in Horses.” Ed by. Aart de Kruif. *VLAAMS DIERGENEESKUNDIG TIJDSCHRIFT* 78 (1): 28–33. Impact factor: 0.179.

44.Catherine Delesalle, N Acker, P Claes, R Deprez, I De Smet, Jeroen Dewulf, and Romain Lefebvre. 2008. “Contractile Effects of 5-Hydroxytryptamine (5-HT) in the Equine Jejunum Circular Muscle: Functional and Immunohistochemical Identification of a 5-HT<sub>1A</sub>-like Receptor.” *EQUINE VETERINARY JOURNAL* 40 (4): 313–320. Impact factor: 2.08.

45.Torfs, Sara, Catherine Delesalle, Katleen Vanschandevijl, Dominique De Clercq, Gunther van Loon, Heidi Nollet, and Piet Deprez. 2008. “Anti-Inflammatory Phytotherapeutics: A Valuable Alternative to NSAID Treatment in Horses?” *VLAAMS DIERGENEESKUNDIG TIJDSCHRIFT* 77 (3): 161–170. Impact factor: 0.219.

46.Catherine Delesalle, Gerlinde Van de Walle, C Nolten, L Ver Donck, A Van Hemelrijck, W Drinkenburg, H De Bosschere, P Claes, Piet Deprez, Laurence Lefère, Sara Torfs, and Romain Lefebvre. 2008. “Determination of the Source of Increased Serotonin (5-HT) Concentrations in Blood and Peritoneal Fluid of Colic Horses with Compromised Bowel.” *EQUINE VETERINARY JOURNAL* 40 (4): 326–331. doi:10.2746/042516408X293583. Impact factor: 2.08.

47.Catherine Delesalle, Jeroen Dewulf, Romain Lefebvre, JAJ Schuurkes, J Proot, L Lefère, and Piet Deprez. 2007. “Determination of Lactate Concentrations in Blood Plasma and Peritoneal Fluid in Horses with Colic by an Accusport Analyzer.” *JOURNAL OF VETERINARY INTERNAL MEDICINE* 21 (2): 293–301. doi:1854/10699. Impact factor: 3.333.

48.Catherine Delesalle, Piet Deprez, JAJ Schuurkes, and Romain Lefebvre. 2006. “Contractile Effects of 5-Hydroxytryptamine and 5-Carboxamidotryptamine in the Equine Jejunum.” *BRITISH JOURNAL OF PHARMACOLOGY* 147 (1): 23–35. Impact factor: 9.473.

49.Catherine Delesalle, Romain Lefebvre, J Schuurkes, L Lefère, K Vandeschavijl, and Piet Deprez. 2006. “Gastro-Intestinal Motility in Horses: A Practical Overview of the Therapeutic Use of Prokinetic Agents.” *VLAAMS DIERGENEESKUNDIG TIJDSCHRIFT* 75 (2B): 122–139. Impact factor: 0.163.

50.Catherine Delesalle, Jeroen Dewulf, Romain Lefebvre, JAJ Schuurkes, B Van Vlierbergen, and Piet Deprez. 2005. “Use of Plasma Ionized Ca<sup>2+</sup> Levels and Ca<sup>2+</sup> Substitution Response Patterns as Prognostic Parameters for Ileus and Survival in Colic Horses.” *VETERINARY QUARTERLY* 27 (4): 158–172. Impact factor: 0.92.

51.J. Pohlmann, Gunther van Loon, Laurence Lefère, Katleen Vanschandevijl, Heidi Nollet, Dominique De Clercq, Catherine Delesalle, and Piet Deprez. 2005.

## Curriculum vitae-Cathérine Delesalle

“Hepatoencephalopathy Caused by Senecio Jacobaea Intoxication in Five Horses.” *VLAAMS DIERGENEESKUNDIG TIJDSCHRIFT* 74 (6): 440–445. Impact factor: 0.226.

52. Catherine Delesalle, Romain Lefebvre, J Schuurkes, P Claes, and Piet Deprez. 2004. “Serotonine: Casus Incognitus Voor Het Paard.” *Flemish Veterinary Journal* 73: 407–419.

53. Catherine Delesalle, Piet Deprez, Leen Van Brantegem, Mario Vaneechoutte, Annemie Decostere, and Richard Ducatelle. 2003. “Emphysematous Gastritis Associated with Clostridium Septicum in a Horse.” *JOURNAL OF VETERINARY INTERNAL MEDICINE* 17 (1): 115–118. doi:10.1892/0891-6640(2003)017<0115:EGAWCS>2.3.CO;2. Impact factor: 3.333.

54. De Clercq, Dominique, Gunther van Loon, Heidi Nollet, Catherine Delesalle, Laurence Lefère, and Piet Deprez. 2003. “Percutaneous Puncture Technique for Treating Persistent Retropharyngeal Lymph Node Infections in Seven Horses.” *VETERINARY RECORD* 152 (6): 169–172. Impact factor: 1.172.

55. Verschooten, Francis, Piet Deprez, Heidi Nollet, Gunther van Loon, Alex Van Zeveren, Luc Devriese, K VAN SCHANDEVIJL, Filip Vandenberghe, Catherine Delesalle, Dominique De Clercq, Patrick Vervae, Jimmy Saunders, B VANDEVELDE, Olivier Taeymans, Frederik Pille, Frank Gasthuys, and Kathelijne Peremans. 2003. “De Hengstenkeuring van Het Belgische Trekpaard: Een Bilan.” *VLAAMS DIERGENEESKUNDIG TIJDSCHRIFT* 72: 224–232. Impact factor: 0.259.

56. Catherine Delesalle, Gunther van Loon, Heidi Nollet, and Piet Deprez. 2002. “Tumor-Induced Ventricular Arrhythmia in a Horse.” *JOURNAL OF VETERINARY INTERNAL MEDICINE* 16 (5): 612–617. Impact factor: 3.333.

57. Verschooten, Francis, Piet Deprez, Tom De Clercq, Heidi Nollet, Gunther van Loon, Catherine Delesalle, L Lefère, and Jimmy Saunders. 2000. “Het Onderzoek van Dekhengsten: Een Optrisertje.” *VLAAMS DIERGENEESKUNDIG TIJDSCHRIFT* 69 (6): 441–444.

### ORAL PRESENTATIONS AT INTERNATIONAL CONFERENCES

1. Verdegaal, Elisabeth-Lidwien J.M.M., Gordon S. Howarth, Todd J. McWhorter, and Catherine Delesalle. 2022. “Skin Surface Temperature Is Not a Reliable Proxy for the Thermoregulatory Response in Endurance Horses.” In *Equine Exercise Physiology, 11th International Conference, Abstracts*.

2. Verdegaal, Elisabeth-Lidwien J.M.M., Gordon S. Howarth, Todd J. McWhorter, and Catherine Delesalle. 2022. “Continuous Monitoring of the Thermoregulatory Response in Endurance Horses and Trotter Horses during Field Exercise : Baselineing for Future Hot Weather Studies.” In *Poor Performance Havemeyer Foundation Workshop, Abstracts*.

3. De Maré, Lorie, Berit Boshuizen, Carmen Vidal Moreno de Vega, Constance De meeûs, Lukas Plancke, Yannick Gansemans, Filip Van Nieuwerburgh, Dieter Deforce, Jean de Oliveira, and Catherine Delesalle. 2021. “Profiling the Aerobic Window (AW) of Horses in Response to Training by Means of a New LMS (Lactate

## Curriculum vitae-Cathérine Delesalle

Minimum Speed) Test : Flatten the Curve.” In *Calgary International Equine Symposium : Innovation and Discovery, Abstracts*.

4. Pluim, Mathilde, Katrien Vanderperren, Ann Martens, René van Weeren, Jeroen Dewulf, and Catherine Delesalle. 2020. “High-Power Lasertherapie Zur Nutzung Bei Schäden Des Fesselträgers : Eine Standardisierte Studie.” In *Leipziger Tierärztekongress, 10, Zusammenfassungen*.

5. Pluim, Mathilde, Ann Martens, Katrien Vanderperren, René van Weeren, Maarten Oosterlinck, Jeroen Dewulf, Mihmoun Kichouh, Bert van Thielen, Marc Koene, Antonio Luciani, Lukas Plancke, and Catherine Delesalle. 2020. “High-Power Laser Therapy Improves Healing of the Equine Suspensory Branch in a Standardized Lesion Model : Research Abstract.” In *AAEP Virtual Convention, Abstracts*.

6. Boshuizen, Berit, Constance De meeûs, Lorie De Maré, Carmen Vidal Moreno de Vega, J De Oliveira, Yannick Gansemans, Filip Van Nieuwerburgh, Dieter Deforce, and Catherine Delesalle. 2020. “Effect of Oral Aleurone Supplementation on Glucose and Insulin Dynamics of Horses in Training.” In *EQUINE VETERINARY JOURNAL*, 52:8–8. doi:10.1111/evj.07\_13365.

*Impact factor: 2.888, category: VETERINARY SCIENCES, rank: 17/146.*

7. De Maré, Lorie, Berit Boshuizen, Constance De meeûs, Lukas Plancke, Carmen Vidal Moreno de Vega, Jean de Oliveira, Yannick Gansemans, Filip Van Nieuwerburgh, Dieter Deforce, and Catherine Delesalle. 2020. “Validation of a New LMS (Lactate Minimum Speed) Exercise Test for Optimal Assessment of the Aerobic Window of Sport Horses.” In *Proceedings of the 13th ECEIM Congress*, 37–37.

8. Pluim, Mathilde, Ann Martens, Katrien Vanderperren, PR van Weeren, Maarten Oosterlinck, Berit Boshuizen, M Koene, A Luciani, and Catherine Delesalle. 2019. “High Power Laser Therapy in Tendon Injuries - What Is the Evidence?” In *Abstracts European Veterinary Conference Voorjaarsdagen 2019*.

9. van Loon, Gunther, Dominique De Clercq, Annelies Decloedt, Lisse Vera, Glenn Van Steenkiste, C. M. De Bruijn, Margreet Ploeg, Willem Back, Catherine Delesalle, and Koen Chiers. 2019. “Ultrasound Approach to Diagnose Aortopulmonary Fistulation in Friesian Horses.” In *ACVIM Forum 2019, Proceedings*, 184–184.

10. Boshuizen, Berit, Constance De meeûs, Don van de Winkel, Laura van Hauwe, Marco de Bruijn, Nathalie Touwen, Klara Goethals, Maarten Oosterlinck, Frederik Pille, Katrien Vanderperren, and Catherine Delesalle. 2018. “The Effect of Treadmill Training on Equine Muscle Morphometrics and Muscle Metabolomics.” In *COMPARATIVE EXERCISE PHYSIOLOGY*, 14:S4–S4.

11. De meeûs, Constance, Berit Boshuizen, Don Van de Winkel, Laura Van Hauwe, Marco de Bruijn, Nathalie Touwen, Klara Goethals, Maarten Oosterlinck, Frederik Pille, Katrien Vanderperren, and Catherine Delesalle. 2018. “Longitudinal Follow-up of Equine Muscle Morphometrics and Associated Metabolic Properties Induced by 8 Weeks of Treadmill Training.” In *Abstracts European Veterinary Conference Voorjaarsdagen 2018*.

12. De meeûs, Constance, Berit Boshuizen, Don Van de Winkel, Laura Van Hauwe, Marco de Bruijn, Nathalie Touwen, Klara Goethals, Maarten Oosterlinck, Frederik Pille, Katrien Vanderperren, and Catherine Delesalle. 2018. “The Effect of Aquatraining and Dry Treadmill Training on Muscle Morphometric and Muscle

## Curriculum vitae-Cathérine Delesalle

Metabolomics in Horses.” In *British Equine Veterinary Association Congress 2018, Abstracts*, 50:17–17. doi:10.1111/evj.26\_13008.

*Impact factor: 2.115, category: VETERINARY SCIENCES, rank: 15/141.*

13. Journée, Sanne, Catherine Delesalle, C.M. De Bruijn, W. Bergmann, and H.L. Journée. 2018. “Multipulse Transcranial Electrical Stimulation (TES) to Diagnose Spinal Cord Injury in Horses.” In *Clinical Research Abstracts of the British Equine Veterinary Association Congress 2018*, 50:30–30. American Medical Association (AMA).

*Impact factor: 2.115, category: VETERINARY SCIENCES, rank: 15/141.*

14. Boshuizen, Berit, Constance De meeûs, Filip Van Nieuwerburgh, Dieter Deforce, Jean de Oliveira, Laura Van Hauwe, and Catherine Delesalle. 2017. “Effect of Aleurone on Equine Fecal Microbiome and Glucose Metabolism in Non-Training Horses.” In *10th Annual European College of Equine Internal Medicine Congress : Abstract Book*.

15. De meeûs, Constance, Don Van de Winkel, Berit Boshuizen, Delphine Loose, Marco de Bruijn, Nathalie Touwen, Klara Goethals, Maarten Oosterlinck, Frederik Pille, Katrien Vanderperren, and Catherine Delesalle. 2017. “Longitudinal Follow-up of Equine Muscle Morphometrics and Associated Metabolic Properties Induced by 8 Weeks of Treadmill Training.” In *Physiological Bioenergetics : Mitochondria from Bench to Bedside, 2nd American Physiological Society Conference, Abstracts*.

16. Journée, Sanne, H.L. Journée, C.M. de Bruijn, and Catherine Delesalle. 2016. “Intra-Individual Comparison of Motor Latency Times (MLTs) of Muscular Motor Evoked Potentials (MEP) of Transcranial Magnetic (TMS) and Electrical Stimulation (TES) in Horses with Neurological Motor Symptoms.” In *EQUINE VETERINARY JOURNAL*, 48:10–10. Ely, Cambridgeshire, UK: BEVA. doi:10.1111/evj.11\_12612. *Impact factor: 2.382, category: VETERINARY SCIENCES, rank: 7/136.*

17. Catherine Delesalle, Chana Callens, Inge Van Colen, and Romain Lefebvre. 2016. “Is There Evidence for Functional 5-Hydroxytryptamine 4 (5-HT<sub>4</sub>) Receptors in the Equine Jejunum?” In *ACTA GASTRO-ENTEROLOGICA BELGICA*. Vol. 79. *Impact factor: 0.632, category: GASTROENTEROLOGY & HEPATOLOGY, rank: 77/79.*

18. Catherine Delesalle, Jeroen Dewulf, S Klooster, M De Bruijn, Marie-Thérèse Picavet, K Palmers, Berit Boshuizen, Ana Popovic, and Margreet Ploeg. 2016. “Chronic Enteritis in Horses: A Retrospective Study Identifying the Diagnostic Value of Different Approaches.” In *ACTA GASTRO-ENTEROLOGICA BELGICA*. Vol. 79. *Impact factor: 0.632, category: GASTROENTEROLOGY & HEPATOLOGY, rank: 77/79.*

19. Van de Winkel, D, M de Bruijn, N Touwen, Luc Duchateau, Klara Goethals, Maarten Oosterlinck, Frederik Pille, Katrien Vanderperren, and Catherine Delesalle. 2016. “Morphological Changes in 15 Skeletal Muscles of Horses after 8 Weeks of Aquatraining.” In *EQUINE VETERINARY JOURNAL*, 48:30–30. *Impact factor: 2.382, category: VETERINARY SCIENCES, rank: 7/136.*

20. Pluim, Mathilde, M. Koene, A. Luciani, Luc Duchateau, and Catherine Delesalle. 2015. “Short- and Long-Term Outcome of High-Power Laser Therapy as a Treatment for Tendinopathy in 150 Sport Horses.” In *European Veterinary Conference : Voorjaarsdagen, Abstracts*.

## Curriculum vitae-Cathérine Delesalle

21. Catherine Delesalle, Ana Popovic, P Hespel, JE de Oliveira, Luc Duchateau, and M de Bruijn. 2015. "Effect of Aleurone Supplementation on Postprandial Glucose and Insulin Response in Horses." In *ENUTRACO 2015, Abstracts*.

22. Ploeg, Margreet, A Gröne, Veronique Saey, M De Bruijn, Willem Back, R van Weeren, and Catherine Delesalle. 2015. "Morphological Characterization of Megaesophagus in Friesian Horses." In *JOURNAL OF COMPARATIVE PATHOLOGY*, 152:69–70.

*Impact factor: 1.173, category: VETERINARY SCIENCES, rank: 47/138.*

23. Catherine Delesalle, Chana Callens, Inge Van Colen, and Romain Lefebvre. 2015. "Is There Evidence for Functional 5-Hydroxytryptamine 4 (5-HT<sub>4</sub>) Receptors in the Equine Jejunum?: An in Vitro Study to Explore Options for Use of Human Prokinetic Drugs, Acting as 5-HT<sub>4</sub> Receptors in Horses." In *EQUINE VETERINARY JOURNAL*, 47:7–7. doi:10.1111/evj.12486\_14.

*Impact factor: 2.475, category: VETERINARY SCIENCES, rank: 8/138.*

24. Ploeg, Margreet, A Gröne, Luc Duchateau, Veronique Saey, Koen Chiers, R van Weeren, Willem Back, Gunther van Loon, M De Bruijn, and Catherine Delesalle. 2015. "Differences in Collagen Type Distribution in Ruptured Aortas of Friesian Horses vs. Aortas of Healthy Friesian and Warmblood Horses." In *European Veterinary Conference : Voorjaarsdagen, Abstracts*.

25. Saey, Veronique, N Famaey, M Smoljkic, Gunther van Loon, Richard Ducatelle, Luc Duchateau, Margreet Ploeg, Catherine Delesalle, and Koen Chiers. 2015. "Comparison of Thoracic Aortic Biomechanical Properties in Friesian and Warmblood Horses." In *JOURNAL OF COMPARATIVE PATHOLOGY*, 152:58–59.

*Impact factor: 1.173, category: VETERINARY SCIENCES, rank: 47/138.*

26. Burvenich, Christian, Xanthippe Boulougouris, Carolien Rogiers, Catherine Delesalle, Luc Duchateau, Luc Peelman, Mario Van Poucke, Gianfranco Gabai, and Bart De Spiegeleer. 2015. "Biomarkers to Predict Severity of Bovine E. Coli Mastitis in the Periparturient Period: Bridging the Gap between Genotype and Phenotype." In *European Cost Actions*, ed by. Chris Knight, 28–28. EU Cost Action FA1308.

27. Boulougouris, Xanthippe, Carolien Rogiers, Catherine Delesalle, Luc Duchateau, Luc Peelman, Mario Van Poucke, Bart De Spiegeleer, and Christian Burvenich. 2015. "Two Phenotypes of Bovine Neutrophils during Lactation: Fiction or Fact?" In *Innate Immune Memory, Wellcome Trust Conference, Abstracts*. Cambridge, UK: Wellcome Trust.

28. Journée, Sanne, Catherine Delesalle, CM de Bruijn, W Bergmann, and HL Journée. 2014. "Transcranial Electrical Stimulation (TES) as a Possible Novel Alternative to Transcranial Magnetic Stimulation (TMS) to Assess the Motor Function of the Spinal Cord for Clinical Diagnosis in Horses." In *BEVA Congress 2014 Handbook of Presentations*, 189–189. British Equine Veterinary Association (BEVA).

29. Journée, Sanne, Catherine Delesalle, CM De Bruijn, W Bergmann, and HL Journée. 2014. "Transcranial Electrical Stimulation (TES) as a Possible Novel Alternative to Transcranial Magnetic Stimulation (TMS) to Assess the Motor Function of the Spinal Cord for Clinical Diagnosis in Horses." In *EQUINE VETERINARY JOURNAL*, 46:10–10. doi:10.1111/evj.12323\_20.

*Impact factor: 2.374, category: VETERINARY SCIENCES, rank: 9/133.*

## Curriculum vitae-Cathérine Delesalle

30. Gevaert, Bert, Evelien Wynendaele, Mathieu Verbeken, Matthias D'Hondt, Sofie Stalmans, Kathelijne Peremans, Christian Burvenich, Catherine Delesalle, and Bart De Spiegeleer. 2014. "Exploration of the Peptide Drug Space." In *JOURNAL OF PEPTIDE SCIENCE*, 20:S101–S101.  
*Impact factor: 1.546, category: CHEMISTRY, ANALYTICAL, rank: 47/74.*
31. De Bruijn, M., Gunther van Loon, M. Ploeg, A. Gröne, Dominique De Clercq, Annelies Decloedt, R. van Weeren, Willem Back, and Catherine Delesalle. 2013. "Use of Transoesophageal Ultrasound to Visualize the Aortopulmonary Region in Two Normal Friesian Horses and Three Friesians with Aortic Rupture or Aortapulmonary Fistulation." In *BEVA Congress, Abstracts*, 163–163. British Equine Veterinary Association (BEVA).
32. Decanter, C, Catherine Delesalle, B Leroy-Martin, D Dewailly, and A Mailliez. 2013. "Fertility Preservation by Controlled Ovarian Hyperstimulation (COH) without Letrozole in Young Breast Cancer Patients before Adjuvant Chemotherapy: Preliminary Results." In *FERTILITY AND STERILITY*, 100:S169–S169.  
*Impact factor: 4.295, category: OBSTETRICS & GYNECOLOGY, rank: 4/78.*
33. Saey, Veronique, Katharina D'Herde, Margreet Ploeg, Koen Chiers, Catherine Delesalle, A Gröne, Willem Back, Gunther van Loon, and Richard Ducatelle. 2013. "Aortic Media Ultrastructure in a Healthy Friesian Horse and in a Friesian Horse with Aortopulmonary Fistula." In *European Society of Veterinary Pathology and European College of Veterinary Pathologists, 31st Meeting, Abstracts*.
34. Hauspie, Stijn, Jeroen Declercq, Katrien Vanderperren, Ann Martens, and Jimmy Saunders. 2012. "A Comparison between Radiography and Ultrasonography for Detection of Fragments at the Dorsoproximal Aspect of the Proximal Phalanx in Horses." In *European Veterinary Conference (EVC) : Voorjaarsdagen, Abstracts*, ed by. Hendrik-Jan Kranenburg, Lars Theyse, Catherine Delesalle, and Kim van Schaik-Gerritsen, 291–292.
35. Marynissen, Sofie, Liesbeth Ghys, Dominique Paepe, Siska Croubels, Evelyne Meyer, Sylvie Daminet, and Pascale Smets. 2012. "Evaluation of Renal Function in Dogs with Diabetes Mellitus." In *European Veterinary Conference : Voorjaarsdagen, Abstracts*, ed by. Hendrik-Jan Kranenburg, Lars Theyse, Catherine Delesalle, and Kim van Schaik-Gerritsen, 228–228.
36. Torfs, Sara, An Maes, Catherine Delesalle, Siska Croubels, and Piet Deprez. 2012. "Plasma Serotonin and Surgical Small Intestinal Colic in Horses." In *European Veterinary Conference : Voorjaarsdagen, Abstracts*, 295–296.
37. Ploeg, Margreet, Andrea Gröne, Veronique Saey, Koen Chiers, Gunther van Loon, Marco De Bruyn, Richard Ducatelle, René Van Weeren, Wim Back, and Catherine Delesalle. 2011. "Aorto-Pulmonary Fistulation in the Friesian Horse : Clinical Characterization of 31 Cases Combined with Histopathological Features : Lifting a Tip of the Veil." In *Abstracts European Veterinary Conference Voorjaarsdagen 2011*, 364–365.
38. Ploeg, Margreet, Andrea Gröne, Veronique Saey, Koen Chiers, Gunther van Loon, Marco De Bruyn, Richard Ducatelle, René Van Weeren, Wim Back, and Catherine Delesalle. 2011. "Aorto-Pulmonary Fistulation in the Friesian Horse : Clinical Characterization of 31 Cases Combined with Histopathological Features: Lifting a Tip of the Veil." In *BEVA Congress, Abstracts*, 176–177.

## Curriculum vitae-Cathérine Delesalle

39. van Loon, Gunther, Tinne Verheyen, Annelies Decloedt, Catherine Delesalle, Stijn Schauvliege, and Daniël De Wolf. 2011. "Use of a Transcatheter Occlusion Device in a 9-Year Old Friesian Gelding with Aortopulmonary Fistula." In *European Veterinary Conference : Voorjaarsdagen, Proceedings*, 365–365.
40. van Loon, Gunther, Dominique De Clercq, M de Bruijn, Annelies Decloedt, Tinne Verheyen, Veronique Saey, Richard Ducatelle, Koen Chiers, M Ploeg, Willem Back, Catherine Delesalle, and Piet Deprez. 2011. "Aortic Rupture and Aortopulmonary Fistulation : Increased Prevalence in Friesian Horses and Importance of Early Ante-Mortem Diagnosis." In *Proceedings 39ièmes Journées Annuelles de l'Association Vétérinaire Equine Française*, 192–193. Association Vétérinaire Equine Française (AVEF).
41. Catherine Delesalle. 2010. "Practical Performance of Equine Transthoracic Ultrasound." In *European Veterinary Conference : Voorjaarsdagen, Abstracts*.
42. Catherine Delesalle. 2010. "Practical Performance of Equine Transabdominal Ultrasound." In *European Veterinary Conference : Voorjaarsdagen, Abstracts*.
43. Catherine Delesalle. 2010. "Work-up of the Colic Horse, What Can Go Wrong?" In *NEVA Fall Symposium, Abstracts*. Netherlands Equine Veterinary Association (NEVA).
44. De Ceulaer, K, Christa Van Ginneken, Catherine Delesalle, Leen Van Brantegem, Piet Deprez, and Anneleen Weyns. 2010. "The Use of Slaughterhouse Obtained Small Intestinal Tissue as Control Material in Histological Studies Should Be Implied with Prudence." In *BCLAS Symposium, Abstracts*.
45. Torfs, Sara, Catherine Delesalle, and Piet Deprez. 2010. "Equine Postoperative Ileus: What Prokinetics Can We Use?" In *Leipziger Blaue Hefte*, ed by. Ingrid Vervuert, Jörg Aschenbach, Gotthold Gäbel, and Arwid Dauschies, 184–188. Leipzig, Germany: Leipziger Universitätsverlag.
46. Vercauteren, Griet, Veronique Saey, Gunther van Loon, M De Bruijn, Catherine Delesalle, and Koen Chiers. 2010. "Aortopulmonary Fistula in Friesian Horses." In *JOURNAL OF COMPARATIVE PATHOLOGY*, 143:354–354. doi:10.1016/j.jcpa.2010.09.133. *Impact factor: 1.529, category: VETERINARY SCIENCES, rank: 30/145.*
47. Catherine Delesalle. 2008. "Equine Endotoxaemia: Prevalence, Pathophysiology and Prognosis." In *Equine Colic and Endotoxaemia, Boehringer Spring Symposium, Abstracts*.
48. Catherine Delesalle, Maarten Hoogewijs, Jan Govaere, Jeroen Declercq, Stijn Schauvliege, Katleen Vanschandevijl, and Piet Deprez. 2008. "Successful Ultrasound-Guided per-Vaginal Reduction of Rectal Tear-Associated Abscesses in 4 Mares." In *Hippos 2008, Proceedings*, 139–139.
49. Torfs, Sara, Catherine Delesalle, Jeroen Dewulf, Lindsey Devisscher, Frank Gasthuys, and Piet Deprez. 2008. "DETERMINATION OF RISK FACTORS FOR POSTOPERATIVE ILEUS AND EVALUATION OF THE EFFECTIVENESS OF PREVENTIVE LIDOCAINE TREATMENT: A RETROSPECTIVE STUDY ON 132 SMALL INTESTINAL SURGICAL COLIC CASES." In *Proceedings of BEVA 2008 Congress*, 255.

## Curriculum vitae-Cathérine Delesalle

50. Levet, Tamara, Catherine Delesalle, Jeroen Dewulf, Romain Lefebvre, J Schuurkes, J Proot, Laurence Lefère, and Piet Deprez. 2008. "Apports Diagnostiques et Pronostiques Du Dosage Des Lactates Dans Le Liquide Peritoneal Du Cheval En Colique." In *Proceedings 36èmes Journées de l'Association Vétérinaire Equine Française*, 277–279.

51. Catherine Delesalle, Romain Lefebvre, L Verdonck, C Nolten, G Vandewalle, P Claes Laurence Lefère, Piet Deprez, A VAN HEMELRYCK, and Sara Torfs. 2007. "DETERMINATION OF THE SOURCE OF INCREASED SEROTONIN (5-HT) LEVELS IN BLOOD AND PERITONEAL FLUID OF COLIC HORSES WITH COMPROMISED BOWEL." In *Proceedings Hippos 2007*. Vol. 1. doi:1854/7424.

52. Devisscher, Lindsey, Catherine Delesalle, Jeroen Dewulf, Piet Deprez, Sara Torfs, Stijn Schauvliege, Ann Martens, and Frank Gasthuys. 2007. "Pre- and Intraoperative Parameters Related to Hypotension and Hypoxaemia during Anaesthesia in Colic Horses: A Retrospective Study." In *Proceedings of the Association of Veterinary Anaesthetists' Autumn Meeting 2007*, 39–39. doi:1854/8235.

53. Catherine Delesalle, Piet Deprez, J Schuurkes, and Romain Lefebvre. 2006. "Contractile Response to 5-Hydroxytryptamine in the Equine Jejunum." In *ACTA GASTRO-ENTEROLOGICA BELGICA*, 69:11. *Impact factor: 0.736, category: GASTROENTEROLOGY & HEPATOLOGY, rank: 47/48.*

54. Catherine Delesalle, Piet Deprez, J Schuurkes, and Romain Lefebvre. 2005. "In Vitro Effects of 5-Hydroxytryptamine on the Jejunum of Healthy and Colic Horses: Characterization of a Putative 5-HT<sub>1A</sub> Receptor in the Equine Gut." In *Proceedings of the 8th International Equine Colic Research Symposium, Canada, Quebec, 2005*. doi:1854/3158.

55. Catherine Delesalle, Jeroen Dewulf, J Schuurkes, Barry Van Vlierbergen, Heidi Nollet, D Declerq, and Piet Deprez. 2005. "Ionized Calcium as a Prognostic Parameter in Colic Horses." In *Proceedings of the 8th International Equine Colic Research Symposium, Canada, Quebec, 2005*. doi:1854/3159.

## TRAINEESHIPS, INTERNSHIPS & RESIDENCIES

-Berit Boshuizen, The Netherlands: Shared Residency ECEIM: 2016-2021.

-Margot Reijnders (2015-2016). Faculty of Veterinary Medicine, Utrecht University, Master Dissertation, "Aleurone: the solution for Western lifestyle?". Promotor: Prof. Delesalle

-Sanne Klooster. Faculty of Veterinary Medicine, Utrecht University (2015-2016). The diagnostic value of transendoscopic harvested duodenal mucosal biopsies in the work-up of horses suspected of inflammatory bowel disease, master thesis. Promotor: Prof. Delesalle

-Collin Genau, (6 months internship)(2015-2016). Bachelor Biomedical Laboratory Science. Effect of aleurone supplementation on the microbiome of horses at rest evaluated via qPCR 16S DNA. Bachelor thesis. Promotor: Prof. Delesalle

-Iris Kosterink (student ID 000005376) (6 months internship)(2015-2016), Van Hall Larensteijn, Nederland, Animal management, bachelor of science, Preferentie testen:



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het objectief testen van links versus rechtshandigheid bij het paard. Major stage, major thesis. Promotor: Prof. Delesalle

-Nathalie Touwen (student ID 930526003) (6 months internship), Van Hall Larensteijn Animal management, Nederland, bachelor of science, Het effect van aquatraining op spieropbouw bij sportpaarden gedurende revalidatie en gedurende conditietraining. Major stage, major thesis. Promotor: Prof. Delesalle

-Lisa Holtrop (Student ID 910825002) (3 months internship)(2015-2016), Van Hall Larensteijn, The Netherlands, Animal management, bachelor of Science. The effect of aquatraining on muscle plasticity during revalidation and performance training. Major thesis.

-Chana Callens, Faculty of Bio-engineering (6 months internship)(2015-2016) UGent, Kortrijk in cooperation with The Heymans Institute, UGent. Is there in vitro evidence for the use of 5HT4 agonists as small intestinal prokinetic in horses? Master internship and dissertation. Promotors: Prof. Delesalle, Prof Lefebvre en Prof Sampers

-Nathalie Touwen (student ID 930526003) (6 months internship)(2016-2017). Van Hall Larensteijn, Animal management, bachelor of science. Effect of dry treadmill training on gait symmetry of young Friesian horses. Major internship, major thesis.

-Bette van Doorslaer, (student ID 9900309852130) (6 months internship)(2016-2017) UGent, Campus Kortrijk. A search for the genetic basis of aortic rupture in Friesian horses. GWAS analyses werd uitgevoerd op 20 Friese paarden met aortabreuk en 20 met megaoesophagus. Resultaten werden beschreven in de thesis. Major thesis. Erasmus programme. Promotors: Prof. Delesalle en Dr. Ducro (Wageningen University).

-Ryenne Habraken, (6 months internship)(2016-2017), Van Hall Larensteijn, The Netherlands, Bachelor of science, Horse and Management. Standardized Exercise Tests in trotter horses. Major internship, major thesis. Erasmus programme.

-Katinka de Rooij, (6 months Internship) (2016-2017). Van Hall Larensteijn, The Netherlands, Bachelor of science, Horse and Management. High Field Laser therapy in horses. Major internship, major thesis. Erasmus programme.

-Koen Wilhelm, (21 weeks traineeship)(2016-2017), Aeres University of Applied Sciences, Almere, The Netherlands, bachelor applied biology. Glucose metabolism in young healthy trotter horses. Major internship. Bachelor thesis. Erasmus programme.

-Melissa Keijsper, (21 weeks traineeship)(2016-2017), Aeres University of Applied Sciences, Almere, The Netherlands, bachelor applied biology. Effect of training of young trotter horses on gait symmetry. Major internship. Bachelor thesis. Erasmus programme.

-Femke Laan (3 months internship) 2016-2017), Utrecht University, Faculty of Veterinary Medicine, master dissertation: Longitudinal follow-up of evolution of insulin sensitivity in answer to 12 weeks of trotter training before and after a 3 months training period in trotter horses.

## Curriculum vitae-Cathérine Delesalle

-Daisy Hendriks en Jill Vanlerberghe. Professional bachelor Medical Imaging Odisee hogeschool, Brussels, Belgium (2017-2018). 'MR-evaluatie van met laser behandelde iatrogene peesletsels, met de 'interosseuspees' van het paard als onderzoeksmodel.'

-Bo Hopmans (10 weeks internship)(2018-2019), HAS Hoge school Den Bosch, Dieren Veehouderij, 1. Heeft het voedingssupplement aleurone invloed op de inspanningscapaciteit van het paard? 2. Preference test: bepalen van een voorkeursbeen. Bachelor internship. Major thesis.

-Nhlanhla Makatini (10 weeks internship)(2018-2019), Aeres University of Applied Sciences, Almere, The Netherlands, Bachelor applied biology. Longitudinal follow-up of muscle fibre typing in three strategical muscles in answer to trotter training. Bachelor internship. Major thesis. Erasmus programme.

-Elisabeth De Sutter: Honours Programme, Ghent University (2019-2020). The effect of 8 weeks of dry treadmill training on muscle fibre type composition of the pectoralis profundus and vastus lateralis muscles in Friesian horses.

-Rui Menezes (2019-2020). Faculty of Veterinary Medicine, Evora University, Portugal. Master dissertation: Intralesional treatment with mesenchymal stem cells in horses with suspensory ligament desmitis and superficial digital flexor tendonitis.

-Diete Lemmens (6 months internship 2023). Hasselt University, Master in Biotechnology. Longitudinal follow-up of Fuel-mobilizing hormone levels, glucose/insulin dynamics, and glucose transporter expression in response to harness training. Master dissertation.