

Mette Christoffersen
Associate Professor
Section for Veterinary Reproduction and Obstetrics
Postal address:
Agrovej 8
2630
Taastrup
Email: metc@sund.ku.dk
Phone: +4535332983
Web address: <https://dyrehospitalet.ku.dk/>



Research outputs

Distribution of degenerative changes in the equine endometrium as observed in a single versus two biopsies

Muderspach, Natacha Ditte, Troedsson, Mats H.T., Ferreira-Dias, G., Agerholm, Jørgen Steen & Christoffersen, Mette, 2024, In: Theriogenology. 213, p. 52-58

Dystocia in cattle and horses: a compilation of historical artworks dedicated to Professor Gerhard Sand (1861–1921)

Agerholm, Jørgen Steen, Christoffersen, Mette, Secher, Jan Bojsen-Møller, Andersen, Annika Kistrup Normann & Pedersen, Hanne Gervi, 2024, In: Acta Veterinaria Scandinavica. 66, 9 p., 12.

Potential risk factors for fetal loss due to umbilical cord torsion in the mare

Christoffersen, Mette, Nielsen, S. B., Madvig, C. B. & Agerholm, Jørgen Steen, 2024, In: Theriogenology. 214, p. 182-186 5 p.

Are degenerative changes in a single endometrial biopsy representative for the endometrial state?

Muderspach, Natacha Ditte, Agerholm, Jørgen Steen, Troedsson, Mats H.T., Ferreira-Dias, G. & Christoffersen, Mette, 2023, In: Journal of Equine Veterinary Science. 125, 104734.

Proteomics Profiling and Identification of Biomarkers for Equine Endometrial Fibrosis

Muderspach, Natacha Ditte, Agerholm, Jørgen Steen, Troedsson, Mats H.T., Ferreira-Dias, G., Schoof, E. M., Fedorka, C., Miller, L. M. J., Wood, P. L. & Christoffersen, Mette, 2023.

A Diagnostic Survey of Aborted Equine Fetuses and Stillborn Premature Foals in Denmark

Agerholm, Jørgen Steen, Klas, E. M., Damborg, Peter Panduro, Borel, N., Pedersen, Hanne Gervi & Christoffersen, Mette, 2021, In: Frontiers in Veterinary Science. 8, 740621.

Use of serum amyloid A and other inflammatory markers to monitor inflammatory response in mares with periparturient complications

Christoffersen, Mette, Pedersen, Hanne Gervi, Larsen, S. & Schmidt, N., 2020, p. 391. 1 p.

Veterinary students have a higher risk of contracting cryptosporidiosis when calves with high fecal *cryptosporidium* loads are used for fetotomy exercises

Thomas-Lopez, D., Müller, L., Vestergaard, L. S., Christoffersen, Mette, Andersen, A. M., Jokelainen, P., Agerholm, Jørgen Steen & Stensvold, C. R., 2020, In: Applied and Environmental Microbiology. 86, 19, 9 p., e01250-20.

Inflammation and fertility in the mare

Christoffersen, Mette & Troedsson, Mats H.T., 2017, In: Reproduction in Domestic Animals. 52, S3, p. 14-20 7 p.

Gold standard endometritis diagnosis

Christoffersen, Mette, 9 Sep 2016. 2 p.

Persistent mating-induced endometritis and immune response modulation

Christoffersen, Mette, 9 Sep 2016.

Presence of Streptococcus in the Lower Airways

Hansen, Sanni, Christoffersen, Mette, Fjeldborg, Julie, Baptiste, K. E., Petersen, M. R. & Bojesen, Anders Miki, 8 Jun 2016. 2 p.

Embryo quality grade and recipient ovulation rate affect pregnancy rates in embryo transfer recipient mares

Pedersen, Hanne Gervi, Niklasson, M., Vullers, A. & Christoffersen, Mette, 2016, In: Journal of Equine Veterinary Science. 2016, 41, p. 61-62 24.

The effect of exercise of the donor mare in an embryo transfer program

Christoffersen, Mette, Søgaard, M. D., Pedersen, Hanne Gervi & Andersen, R. M., 2016, In: Journal of Equine Veterinary Science. 2016, 41, p. 73 1 p., 49.

Risk factors associated with uterine fluid after breeding caused by *Streptococcus zooepidemicus*

Christoffersen, Mette, Söderlind, M., Rudefalk, S. R., Pedersen, Hanne Gervi, Allen, J. & Krekeler, N., Nov 2015, In: Theriogenology. 84, 8, p. 1283-1290 8 p.

Infectious endometritis is associated with endometrial expression of lactoferrin in broodmares

Christoffersen, Mette & Møller Nielsen, J., 28 Sep 2015. 1 p.

Infectious endometritis is associated with endometrial expression of transforming growth factor- β and integrin $\alpha 5\beta 1$

Christoffersen, Mette & Nielsen, J. M., 1 Sep 2015, In: Clinical Theriogenology. 7, 3, p. 343 1 p.

Hvorfor kommer min hoppe ikke i fol?

Carlsen, B. & Christoffersen, Mette, 1 May 2015, In: Ridehesten. 5, p. 72-76 5 p.

Activation of persistent *Streptococcus equi* subspecies *zooepidemicus* in mares with subclinical endometritis

Petersen, M. R., Skive, Bolette, Christoffersen, Mette, Lu, K., Nielsen, J. M., Troedsson, M. H. T. & Bojesen, Anders Miki, 2015, In: Veterinary Microbiology. 179, 1-2, p. 119-125 7 p.

Clonal *Streptococcus equi* subsp. *zooepidemicus* post breeding endometritis in thoroughbred broodmares

Christoffersen, Mette, Söderlind, M., Rydemann Rudefalk, S., Pedersen, Hanne Gervi, Allen, J. & Krekeler, N., 2015. 1 p.

Diagnostic double-guarded low-volume uterine lavage in mares

Christoffersen, Mette, Brandis, L., Samuelsson, J., Bojesen, Anders Miki, Troedsson, M. H. T. & Petersen, M. R., 2015, In: Theriogenology. 83, 2, p. 222-227 6 p.

Embryo stage, quality and number of ovulations in recipient mare affect pregnancy rates in embryo transfer recipient mares

Pedersen, Hanne Gervi, Niklasson, M., Vullers, A. & Christoffersen, Mette, 2015, In: Clinical Theriogenology. 7, 3, p. 354 1 p.

Equine infectious endometritis - clinical and subclinical cases

Rasmussen, C. D., Petersen, M. R., Bojesen, Anders Miki, Pedersen, Hanne Gervi, Lehn-Jensen, H. & Christoffersen, Mette, 2015, In: Journal of Equine Veterinary Science. 35, 2, p. 95-104 10 p.

The effect of treatment with immune modulators on endometrial cytokine expression in mares susceptible to persistent breeding-induced endometritis

Woodward, E. M., Christoffersen, Mette, Horohov, D., Squires, E. L. & Troedsson, M. H. T., 2015, In: Equine Veterinary Journal. 47, 2, p. 235-239 5 p.

Diagnostic double guarded low-volume uterine lavage in mares

Christoffersen, Mette, Brandis, L., Samuelsson, J., Bojesen, Anders Miki, Troedsson, M. H. T. & Petersen, M. R., 7 Aug 2014, In: Clinical Theriogenology. 6, 3, p. 393 1 p.

Polymorphonucleated neutrophils in endometrial biopsies are an indicator of chronic streptococcus equi subspecies zoepidemicus infection in the mare

Petersen, M. R., Christoffersen, Mette, Troedsson, M. H. T. & Bojesen, Anders Miki, 18 Jan 2014.

An investigation of uterine nitric oxide production in mares susceptible and resistant to persistent breeding-induced endometritis and the effects of immunomodulation

Woodward, E. M., Christoffersen, Mette, Campos, J., Horohov, D. W., Scoggin, K. E. & Troedsson, M. H. T., 2013, In: *Reproduction in Domestic Animals*. 48, 4, p. 554-561 8 p.

Endometrial inflammatory markers of the early immune response in mares susceptible or resistant to persistent breeding-induced endometritis

Woodward, E. M., Christoffersen, Mette, Campos, J., Betancourt, A., Horohov, D., Scoggin, K. E., Squires, E. L. & Troedsson, M. H. T., 2013, In: *Reproduction*. 145, 3, p. 289-296 8 p.

Impact of activation and subsequent antimicrobial treatment of dormant endometrial streptococci in the Thoroughbred problem mare – a field study

Petersen, M. R., Lu, K., Christoffersen, Mette, Nielsen, J. M., Troedsson, M. H. T. & Bojesen, Anders Miki, 2013, In: *Clinical Theriogenology*. 5, 3

The effect of immune modulators on endometrial cytokine expression in mares susceptible to persistent breeding induced endometritis

Woodward, E., Horohov, D., Troedsson, Mats H.T. & Christoffersen, Mette, 1 Aug 2012.

Activation of dormant streptococci in the endometrium of the mare

Petersen, M. R., Christoffersen, Mette, Nielsen, J. M., Rasmussen, C. D., Lehn-Jensen, H., Troedsson, M. H. T. & Bojesen, Anders Miki, 2012.

Effect of immunomodulatory therapy on the endometrial inflammatory response to induced infectious endometritis in susceptible mares

Christoffersen, Mette, Woodward, E. M., Bojesen, Anders Miki, Petersen, M. R., Squires, E. L., Lehn-Jensen, H. & Troedsson, M. H. T., 2012, In: *Theriogenology*. 78, 5, p. 991-1004 14 p.

Effect of immunomodulatory therapy on the endometrial inflammatory response to induced infectious endometritis in susceptible mares

Christoffersen, Mette, Woodward, E., Bojesen, Anders Miki, Petersen, M. R., Jacobsen, Stine, Squires, E., Lehn-Jensen, H. & Troedsson, M., 2012, In: *Theriogenology*. 78, 5, p. 991-1004 14 p.

Inflammatory responses to induced infectious endometritis in mares resistant or susceptible to persistent endometritis

Christoffersen, Mette, Woodward, E., Bojesen, Anders Miki, Jacobsen, Stine, Petersen, M. R., Troedsson, M. H. T. & Lehn-Jensen, H., 2012, In: *B M C Veterinary Research*. 8, 41, 14 p.

Susceptibility to persistent breeding-induced endometritis in the mare: relationship to endometrial biopsy score and age, and variations between seasons

Woodward, E. M., Christoffersen, Mette, Campos, J., Squires, E. L. & Troedsson, M. H. T., 2012, In: *Theriogenology*. 78, 3, p. 495-501 7 p.

Endometrial Cytokine Expression in Mares with Different Resistance to Persistent Breeding Induced Endometritis (PBIE) at Multiple Time Points after Insemination

Woodward, E., Christoffersen, Mette, Campos, J., Betancourt, A., Horohov, D., Scoggin, K., Edward, S. & Troedsson, Mats H.T., 2011, In: *Biology of Reproduction*.

Endometrial cytokine expression in mares with different resistance to persistent breeding induced endometritis (PBIE) at multiple time points after insemination

Woodward, E. M., Christoffersen, Mette, Campos, J., Betancourt, A., Horohov, D. W., Scoggin, K. E., Squires, E. L. & Troedsson, M. H. T., 2011. 1 p.

Endometrial gene expression of inflammatory cytokines and serum amyloid A in mares resistant or susceptible to persistent endometritis

Christoffersen, Mette, Jacobsen, Stine, Woodward, E. M., Bojesen, Anders Miki, Petersen, M. R., Lehn-Jensen, H. & Troedsson, M. H., 2011, In: Clinical Theriogenology. 3, 3, p. 373 1 p.

Endometrial gene expression of serum amyloid A and proinflammatory cytokines in mares with and without endometritis

Christoffersen, Mette, Pyndt, B. M., Bojesen, Anders Miki, Lehn-Jensen, H., Jacobsen, Stine, Nielsen, J. M. & Petersen, M. R., 2011. 2 p.

Hvorfor kommer min hoppe ikke i fol?

Christoffersen, Mette, 2011, In: Ridehesten. 7, 11, p. 2-4 3 p.

Inflammatory response to induced infectious endometritis in the mare

Christoffersen, Mette, 2011, Department of Large Animal Sciences, University of Copenhagen. 217 p.

Streptococcus equi subsp. zooepidemicus isolats from infectious endometritis belong to a distinct genetic group as assessed by pulsed-field gel electrophoresis

Rasmussen, C. D., Petersen, M. R., Christoffersen, Mette, Troedsson, M. H. T., Lehn-Jensen, H. & Bojesen, Anders Miki, 2011, In: Clinical Theriogenology. 3, 3, p. 372 1 p.

Susceptibility to delayed uterine clearance after breeding: Relationship to endometrial biopsy score and age, and variations between seasons

Woodward, E. M., Christoffersen, Mette, Campos, J., Squires, E. & Troedsson, M. H. T., 2011, In: Clinical Theriogenology. 3, 3, p. 361-361 1 p.

Correction: Seroprevalence of *Borrelia burgdorferi sensu lato* and *Anaplasma phagocytophilum* in Danish horses

Hansen, M. G. B., Christoffersen, Mette, Thuesen, L. R., Petersen, M. R. & Bojesen, Anders Miki, 18 Aug 2010, In: Acta Veterinaria Scandinavica. 52, 1, 49.

Endometrial gene expression of serum amyloid A and pro-inflammatory cytokines in mares with and without endometritis

Christoffersen, Mette, Jørgensen, B. M. P., Bojesen, Anders Miki, Lehn-Jensen, H., Jacobsen, Stine, Møller Nielsen, J. & Petersen, M. R., 2010.

Endometritis hos hest

Brandis, L., Christoffersen, Mette, Bojesen, Anders Miki & Petersen, M. R., 2010, In: Dansk Veterinærtidsskrift. 93, 12, p. 26-31 6 p.

Evaluation of the systemic acute phase response and endometrial gene expression of serum amyloid A and pro- and anti-inflammatory cytokines in mares with experimentally induced endometritis

Christoffersen, Mette, Baagø, C. D., Jacobsen, Stine, Bojesen, Anders Miki, Petersen, M. R. & Lehn-Jensen, H., 2010, In: Veterinary Immunology and Immunopathology. 138, 1-2, p. 95-105 11 p.

Seroprevalence of *Borrelia burgdorferi sensu lato* and *Anaplasma phagocytophilum* in Danish horses

Hansen, M. G. B., Christoffersen, Mette, Thuesen, L. R., Petersen, M. R. & Bojesen, Anders Miki, 2010, In: Acta Veterinaria Scandinavica (Online Edition). 52, 3, 6 p.

Inflammatory markers in serum during induced endometritis in the mare

Christoffersen, Mette, Baagø, C. D., Bojesen, Anders Miki, Jacobsen, Stine & Lehn-Jensen, H., 2009. 1 p.

Inflammatory markers in serum during induces endometritis in the mare.

Christoffersen, Mette, Baagø, C., Bojesen, Anders Miki, Jacobsen, Stine & Lehn-Jensen, H., 2009. 1 p.

Inflammatory markers in serum during induced endometritis in the mare

Christoffersen, Mette, Baagøe, C., Bojesen, Anders Miki, Jacobsen, Stine & Lehn-Jensen, H., 2008. 1 p.

Inflammatory markers in serum during induced endometritis in the mare

Christoffersen, Mette, Baagø, C. D., Bojesen, Anders Miki, Jacobsen, Stine & Lehn-Jensen, H., 2008, *Proceedings of the 7th European Colloquium on Acute Phase Proteins*. 1 p.

Inflammatory markers in serum during induced endometritis in the mare

Christoffersen, Mette, Baagø, C. D., Bojesen, Anders Miki, Jacobsen, Stine & Lehn-Jensen, H., 2008. 1 p.

Problemhoppen Patogenese, inflammationsparametre, diagnostik og terapi

Christoffersen, Mette, 2008. 26 p.

Referred vaginal pain: cause of hypersensitivity and performance problems in mares? a clinical case study

Christoffersen, Mette, Lehn-Jensen, H. & Bøgh, I. B., 2007, In: *Journal of Equine Veterinary Science*. 27, 1, p. 32-36 5 p.

Activities

Animal Reproduction Science (Journal)

Christoffersen, Mette (Peer reviewer)

2 Apr 2023

Problemhoppen - Hvorfor kommer min hoppe ikke i fol?

Christoffersen, Mette (Invited speaker)

21 Mar 2023

Scientific Reports (Journal)

Christoffersen, Mette (Peer reviewer)

14 Feb 2023

Animals (Journal)

Christoffersen, Mette (Peer reviewer)

8 Feb 2023

Frontiers in Veterinary Science (Journal)

Christoffersen, Mette (Peer reviewer)

2 Feb 2023

Hesteinseminørkursus 2023

Christoffersen, Mette (Member of organizing or programme committee)

30 Jan 2023 → 4 Feb 2023

CEM hos danske heste - Udbrud og screening 2020-2022

Christoffersen, Mette (Invited speaker)

28 Jan 2023

Journal of Reproductive Immunology (Journal)

Christoffersen, Mette (Peer reviewer)

19 Sep 2022

Animal Reproduction Science (Journal)

Christoffersen, Mette (Peer reviewer)

30 May 2022

CEM i Danmark. Resultater og erfaringer fra udbrud og screening i 2020-2021

Christoffersen, Mette (Invited speaker)
29 Apr 2022

CEM - Udbrud og screeningsresultater

Christoffersen, Mette (Speaker)
3 Mar 2022

Canadian Veterinary Journal (Journal)

Christoffersen, Mette (Peer reviewer)
2 Mar 2022

Veterinary Research Communications (Journal)

Christoffersen, Mette (Peer reviewer)
24 Feb 2022

Hesteinseminørkursus 2022

Christoffersen, Mette (Member of organizing or programme committee)
7 Feb 2022 → 12 Feb 2022

CEM i Danmark. Erfaringer fra udbud og screening 2020-2021

Christoffersen, Mette (Lecturer)
28 Sep 2021

CEM hos Islandskeheste i Danmark

Christoffersen, Mette (Speaker)
11 Mar 2021

Hesteinseminørkursus 2021

Christoffersen, Mette (Member of organizing or programme committee)
2 Mar 2021 → 7 Mar 2021

Animal Reproduction Science (Journal)

Christoffersen, Mette (Peer reviewer)
27 Nov 2020

Animal Reproduction Science (Journal)

Christoffersen, Mette (Peer reviewer)
18 Nov 2020

Journal of Reproductive Immunology (Journal)

Christoffersen, Mette (Peer reviewer)
23 Oct 2020

Reproduction in Domestic Animals (Journal)

Christoffersen, Mette (Peer reviewer)
29 Jun 2020

Animal Reproduction Science (Journal)

Christoffersen, Mette (Peer reviewer)
12 Jun 2020

Journal of Equine Veterinary Science (Journal)

Christoffersen, Mette (Peer reviewer)

3 Apr 2020

Animal Reproduction Science (Journal)

Christoffersen, Mette (Peer reviewer)

26 Mar 2020

Animal Reproduction Science (Journal)

Christoffersen, Mette (Peer reviewer)

24 Mar 2020

Hesteinseminørkursus 2020

Christoffersen, Mette (Member of organizing or programme committee)

27 Jan 2020 → 1 Feb 2020

Reproduction (Journal)

Christoffersen, Mette (Peer reviewer)

24 Oct 2019

Journal of Equine Veterinary Science (Journal)

Christoffersen, Mette (Peer reviewer)

6 Aug 2019

Theriogenology (Journal)

Christoffersen, Mette (Peer reviewer)

25 Jun 2019

Journal of Equine Veterinary Science (Journal)

Christoffersen, Mette (Peer reviewer)

3 Apr 2019

Theriogenology (Journal)

Christoffersen, Mette (Peer reviewer)

3 Apr 2019

Research in Veterinary Science (Journal)

Christoffersen, Mette (Peer reviewer)

10 Jan 2019

Animal Reproduction Science (Journal)

Christoffersen, Mette (Peer reviewer)

7 Jan 2019

Journal of Equine Veterinary Science (Journal)

Christoffersen, Mette (Peer reviewer)

16 Oct 2018

Reproductive Biology (Journal)

Christoffersen, Mette (Peer reviewer)

19 Sep 2018

Theriogenology (Journal)

Christoffersen, Mette (Peer reviewer)

19 Sep 2018

Theriogenology (Journal)

Christoffersen, Mette (Peer reviewer)
5 Sep 2018

Theriogenology (Journal)

Christoffersen, Mette (Peer reviewer)
20 Aug 2018

Theriogenology (Journal)

Christoffersen, Mette (Peer reviewer)
18 Jul 2018

Theriogenology (Journal)

Christoffersen, Mette (Editor)
15 Jul 2018

Hesteinseminørkursus 2018

Christoffersen, Mette (Member of organizing or programme committee)
5 Feb 2018 → 10 Feb 2018

Equine Veterinary Education (Journal)

Christoffersen, Mette (Peer reviewer)
9 Aug 2017

Veterinary Research (Journal)

Christoffersen, Mette (Peer reviewer)
17 May 2017

Histology and Histopathology (Journal)

Christoffersen, Mette (Peer reviewer)
28 Mar 2017

Theriogenology (Journal)

Christoffersen, Mette (Peer reviewer)
6 Mar 2017

Hesteinseminørkursus

Christoffersen, Mette (Member of organizing or programme committee)
6 Feb 2017 → 11 Feb 2017

Equine Veterinary Journal (Journal)

Christoffersen, Mette (Peer reviewer)
3 Nov 2016

P L o S One (Journal)

Christoffersen, Mette (Peer reviewer)
2 Nov 2016

Infectious endometritis. -What is the gold standard diagnosis?

Christoffersen, Mette (Keynote)
8 Sep 2016

Persistent mating induced endometritis - Can we modulate the immune response

Christoffersen, Mette (Keynote)

8 Sep 2016

Equine Veterinary Journal (Journal)

Christoffersen, Mette (Peer reviewer)

11 Apr 2016

Reproductive Biology (Journal)

Christoffersen, Mette (Peer reviewer)

22 Mar 2016

Acta Veterinaria Scandinavica (Online) (Journal)

Christoffersen, Mette (Peer reviewer)

9 Mar 2016

P L o S One (Journal)

Christoffersen, Mette (Peer reviewer)

9 Feb 2016

Problemhoppen -Diagnosticering og mulig behandling

Christoffersen, Mette (Invited speaker)

30 Jan 2016

Theriogenology (Journal)

Christoffersen, Mette (Peer reviewer)

18 Dec 2015

Journal of Equine Veterinary Science (Journal)

Christoffersen, Mette (Peer reviewer)

9 Nov 2015

Theriogenology (Journal)

Christoffersen, Mette (Peer reviewer)

20 Apr 2015

Journal of Equine Veterinary Science (Journal)

Christoffersen, Mette (Peer reviewer)

3 Mar 2015

Hesteinseminørkursus

Christoffersen, Mette (Member of organizing or programme committee)

3 Feb 2015

Theriogenology (Journal)

Christoffersen, Mette (Peer reviewer)

15 Jan 2015

Animal Reproduction Science (Journal)

Christoffersen, Mette (Peer reviewer)

21 Jul 2014

Reproduction in Domestic Animals (Journal)

Christoffersen, Mette (Peer reviewer)

3 Apr 2014

Theriogenology (Journal)

Christoffersen, Mette (Peer reviewer)
1 Apr 2014

Hoppeinseminør kursus

Christoffersen, Mette (Member of organizing or programme committee)
19 Feb 2014

Equine Veterinary Journal (Journal)

Christoffersen, Mette (Peer reviewer)
27 May 2013

Problemhoppet og endometritis – Patogenese, diagnostik og terapi

Christoffersen, Mette (Speaker)
1 Mar 2013

Hoppeinseminør kursus

Christoffersen, Mette (Speaker)
4 Feb 2013 → 9 Feb 2013

Equine Veterinary Journal (Journal)

Christoffersen, Mette (Peer reviewer)
17 Dec 2012

Theriogenology (Journal)

Christoffersen, Mette (Peer reviewer)
29 Aug 2012

B M C Veterinary Research (Journal)

Christoffersen, Mette (Peer reviewer)
11 Jun 2012

Theriogenology (Journal)

Christoffersen, Mette (Peer reviewer)
2 May 2012

Equine Veterinary Journal (Journal)

Christoffersen, Mette (Peer reviewer)
29 Feb 2012

Effect of immunomodulatory therapy on the endometrial inflammatory response to induced infectious endometritis in the susceptible mare

Christoffersen, Mette (Speaker)
21 Jan 2012

Theriogenology (Journal)

Christoffersen, Mette (Peer reviewer)
15 Aug 2011

Journal of Equine Veterinary Science (Journal)

Christoffersen, Mette (Peer reviewer)
27 Jun 2011

Theriogenology (Journal)
Christoffersen, Mette (Peer reviewer)
23 May 2011