

Research outputs

Listing of Research outputs

Early life supplementation of extruded linseed or an essential oil blend increases daily weight gain of Holstein youngstock resulting in earlier insemination, but does not change methane emissions. / Debruyne, Sieglinde; Peiren, Nico; Cattrysse, Hannes; De Campeneere, Sam; De Keyser, Ellen; Goossens, Karen; Fievez, Veerle; Vandaele, Leen.

2018. 57 Abstract from International Symposium on the Nutrition of Herbivores 2018, Clermont-Ferrand, France.

Research output: Contribution to conference › Published abstract › Research › peer-review

Supplementing goat kids with coconut medium chain fatty acids both pre- and postnatally can depress rumen microbial colonization and fermentation, temporarily resulting in lower in vitro methane emissions. / Debruyne, Sieglinde; Ruiz-Gonzalez, Alexis; Artilles-Ortega, Einar; De Keyser, Ellen; Goossens, Karen; Vandaele, Leen; Fievez, Veerle.

2018. Poster session presented at Rowett-INRA 2018, Aberdeen, United Kingdom.

Research output: Contribution to conference › Poster › Research › peer-review

Supplementing goat kids with coconut medium chain fatty acids in early life influences growth and rumen papillae development until 4 months after supplementation but effects on in vitro methane emissions and the rumen microbiota are transient. / Debruyne, Sieglinde; Ruiz-González, Alexis; Artilles-Ortega, Einar; Ampe, Bart; Van Den Broeck, Wim; De Keyser, Ellen; Vandaele, Leen; Goossens, Karen; Fievez, Veerle.

In: Journal of Animal Science, Vol. 96, No. 5, 04.05.2018, p. 1978–1995.

Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

VEGCAT – Integrated Vegetable and Cattle farming. / Goossens, Karen; Vandaele, Leen; De Boever, Johan; Van Droogenbroeck, Bart.

2018. Poster session presented at EIP Workshop Nederland: Netwerkbijeenkomst Innovatie in de melkveehouderij in EU-perspectief, Baarn, Netherlands.

Research output: Contribution to conference › Poster › Research

Effect of dietary crude protein levels on ammonia emissions in beef cattle. / Curial, Sabina; Goossens, Karen; Van Overbeke, Philippe; Brusselman, Eva; De Campeneere, Sam.

43rd Animal Nutrition Research Forum. Wageningen UR, 2018.

Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings › Research › peer-review

The effect of a low protein diet, with and without amino acid supplementation, on the performance of highly productive Holstein cows. / Vandekerckhove, Elisabeth; Van Wesemael, Dorien; Peiren, Nico; Ampe, Bart; Goossens, Karen; De Campeneere, Sam; Vandaele, Leen.

43th Animal Nutrition Research Forum. Wageningen UR, 2018.

Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings › Research › peer-review

Levensproductie van melkvee verbeteren door optimalisatie van de voeding en het management van jongvee in Vlaanderen. / Curial, Sabina; Vandaele, Leen; Goossens, Karen.

In: Drietandmagazine, 30.03.2018, p. 24-25.

Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3 › Research

Supplementation of goat kids with coconut medium chain fatty acids in early life transiently influences the rumen methanogenic community and activity. / Debruyne, Sieglinde; Goossens, Karen; Ruiz, Alexis; Ampe, Bart; De Keyser, Ellen; Vandaele, Leen; Fievez, Veerle.

2018. 58-58 Abstract from 5th Meeting of Regulating with RNA in Bacteria & Archaea, Sevilla, Spain.

Research output: Contribution to conference › Published abstract › Research › peer-review

Supplementation of goat kids with coconut medium chain fatty acids in early life transiently influences the rumen methanogenic community and activity. / Goossens, Karen.

2018. Poster session presented at 5th Meeting of Regulating with RNA in Bacteria & Archaea, Sevilla, Spain.

Research output: Contribution to conference › Poster › Research › peer-review

Kan aangepast stalmanagement ammoniakemissie verminderen? / Curial, Sabina; Goossens, Karen; De Campeneere, Sam; Vangeyte, Jürgen; Van Overbeke, Philippe; Brusselman, Eva.

In: Management & Techniek, Vol. 3, 12.02.2018.

Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3 › Research

Ammoniakemissie sturen via de eiwitvoorziening. / Goossens, Karen; Van Overbeke, Philippe; Brusselman, Eva; Vangeyte, Jürgen; De Campeneere, Sam.

In: Management & Techniek, Vol. 3, 12.02.2018, p. 12-14.

Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3 › Research

Ammoniakemissies uit melkveestallen meten, weten en reduceren. / Van Overbeke, Philippe; Curial, Sabina; Goossens, Karen; De Campeneere, Sam; Vangeyte, Jürgen; Brusselman, Eva.

In: Management & Techniek, Vol. 3, 12.02.2018, p. 18-19.

Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3 › Research

Impact of breed on the rumen microbial community composition and methane emission of Holstein Friesian and Belgian Blue heifers. / De Mulder, Thijs; Peiren, Nico; Vandaele, Leen; Ruttink, Tom; De Campeneere, Sam; Van de Wiele, Tom; Goossens, Karen.

In: Livestock Science, Vol. 207, 01.01.2018, p. 38-44.

Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

Opfok van dikbilkalveren: keuze te over. / Goossens, Karen.

In: Drietandmagazine, Vol. 34, 20.10.2017, p. 28-29.

Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3 › Research

The effect of maize silage type on the performances and methane emission of dairy cattle. / De Boever, Johan; Goossens, Karen; Peiren, Nico; Swanckaert, Jolien; Ampe, Bart; Reheul, Dirk; De Brabander, Daniël; De Campeneere, Sam; Vandaele, Leen.

In: Journal of Animal Physiology and Animal Nutrition, Vol. 101, No. 5, 10.2017, p. 246-256.

Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

ASSESSING AMMONIA REDUCING TECHNIQUES IN BEEF CATTLE BY THE USE OF AN EMISSION BARN. / Curial, Sabina; Van Overbeke, Philippe; Brusselman, Eva; Demeyer, Peter; Goossens, Karen; Vandaele, Leen; Vangeyte, Jürgen; De Campeneere, Sam.

2017. Paper presented at Emission of Gas and Dust from Livestock 2017, Saint Malo, France.

Research output: Contribution to conference › Paper › Research

Reduction of *Mycobacterium avium* subsp. *paratuberculosis* (MAP) in colostrum: positive effects for the public health? / Verhegghe, Marijke; Rasschaert, Geertrui; Herman, Lieve; Goossens, Karen; Vandaele, Leen; De Bleecker, Koen; Vlaemynck, Geertrui; Heyndrickx, Marc; De Block, Jan.

Book of abstracts IAFP's European symposium on food safety. International Association for Food Protection, 2017.

Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract › Research › peer-review

Reduction of *Mycobacterium avium* ssp. *paratuberculosis* in colostrum : Development and validation of 2 methods, one based on curdling and one based on centrifugation. / Verhegghe, Marijke; Rasschaert, Geertrui; Herman, Lieve; Goossens, Karen; Vandaele, Leen; De Bleecker, K; Vlaemynck, Geertrui; Heyndrickx, Marc; De Block, Jan.

In: Journal of Dairy Science, Vol. 100, No. 5, 03.2017, p. 3497-3512.

Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

Kalvermelk maken met weipoeder of mageremelkpoeder. / Goossens, Karen.

In: Management & Techniek, Vol. 4, 24.02.2017, p. 42-43.

Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3 › Research

Vaarzen in de weide of op stal ? / Goossens, Karen; Fiems, Leo; Ampe, Bart; De Campeneere, Sam.

In: Management & Techniek, Vol. 4, 24.02.2017, p. 44-45.

Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3 › Research

Exploring the methanogen and bacterial communities of rumen environments: solid adherent, fluid and epimural. / De Mulder, Thijs; Goossens, Karen; Peiren, Nico; Vandaele, Leen; Haegeman, Annelies; Ruttink, Tom; Van de Wiele, Tom; De Campeneere, Sam.

In: FEMS Microbiology Ecology, Vol. 92, 22.12.2016.

Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

Brengt het klimaatvraagstuk de koe van haar melk? Voederadditieven kunnen methaanuitstoot verlagen. / Van Wesemael, Dorien; Vandaele, Leen; Peiren, Nico; De Campeneere, Sam; Goossens, Karen; Debruyne, Sieglinde.

In: Vilt vzw, 24.10.2016.

Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3 › Research

Management practices for double-muscled Belgian Blue heifers: comparison of permanent indoor feeding versus protein and energy supplementation on pasture. / Goossens, Karen; Fiems, Leonel; Ampe, Bart; De Campeneere, Sam.

Proceedings of the 41th Animal Nutrition Research Forum. Vol. 41 Wageningen : Wageningen UR, 2016. p. 35-36.

Research output: Chapter in Book/Report/Conference proceeding › C1: Articles in proceedings › Research › peer-review

Vlinderbloemige gewassen inpassen in het melkveerantsoen. / Goossens, Karen; Vandaele, Leen; De Vliegheer, Alex.

In: De Drietand Melkveespecial, 25.03.2016.

Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3 › Research

Influence of host dependent factors on the methanogen community and methane production. / De Mulder, Thijs; Goossens, Karen; Peiren, Nico; Vandaele, Leen; Van de Wiele, Tom; De Campeneere, Sam.

Proceedings 6th Greenhouse Gas and Animal Agriculture Conference (GGAA2016). 2016.

Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract › Research

Comparison of Methane Emissions of Belgian Blue and Holstein Friesian Heifers. / Peiren, Nico; Goossens, Karen; Vandaele, Leen; Van Wesemael, Dorien; De Campeneere, Sam.

Proceedings 6th Greenhouse Gas and Animal Agriculture Conference (GGAA2016). Melbourne, 2016. p. 31.

Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract › Research › peer-review

Suboptimal culture conditions induce more deviations in gene expression in male than female bovine blastocysts. / Heras, Sonia; De Coninck, Dieter ; Van Poucke, Mario; Goossens, Karen; Bogado Pascottini, Osvaldo; Van Nieuwerburgh, Filip ; Deforce, Dieter; De Sutter, Petra; Leroy, Jo; Gutierrez-Adan, A. ; Peelman, Luc; Van Soom, Ann.

In: BMC Genomics, Vol. 17, No. 72, 22.01.2016, p. epub.

Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

Characterization of equine mesenchymal stromal cells from non-invasive sources. / De Schauwer, Catharina; Goossens, Karen; Meyer, E; Van De Walle, Gerlinde; Van Soom, Ann.

2016. Poster session presented at European Chapter Meeting of the Tissue Engineering and Regenerative Medicine International Society 2016, Upsala, Sweden.

Research output: Contribution to conference › Poster › Research › peer-review

Stikstof en Methaan Aanpakken voor een Rundvee Toekomst (SMART). / Van Wesemael, Dorien; Goossens, Karen; Vandaele, Leen; Peiren, Nico; De Campeneere, Sam.

In: De Drietand, No. 34, 16.10.2015, p. 22-24.

Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3 › Research

Wat is dat met de "boerkes" van de runderen. / Van Wesemael, Dorien; Peiren, Nico; Vandaele, Leen; Goossens, Karen; De Campeneere, Sam.

In: Management & Techniek, 18.09.2015, p. 61-63.

Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3 › Research › peer-review

DDGS in the diet of finishing double-muscled Belgian Blue cows. / Goossens, Karen; Fiems, Leonel; De Boever, Johan; Ampe, Bart; De Campeneere, Sam.

66th EAAP book of abstracts. Vol. 2015 Warsaw : Wageningen Academic Publishers, 2015. p. 271.
Research output: Chapter in Book/Report/Conference proceeding › C3: Conference Abstract › Research › peer-review

Comparison of urea and slow release urea, supplied in 4 portions a day, in dairy cattle. / Vandaele, Leen; Goossens, Karen; De Boever, Johan; De Campeneere, Sam.

2015. 411 66th Annual Meeting of the European Federation of Animal Science, Warsaw, Poland.
Research output: Contribution to conference › C3: Conference - meeting abstract › Research › peer-review

Onderzoek ammoniakemissies in stroomversnelling? / Goossens, Karen; Van Wesemael, Dorien; Peiren, Nico; Vandaele, Leen; De Campeneere, Sam.

In: Management & Techniek, No. 13, 17.07.2015, p. 40-41.
Research output: Contribution to journal › A4: Article in journal not included in A1, A2 or A3 › Research

Steroids affect gene expression, ciliary activity, glucose uptake, progesterone receptor expression and immunoreactive steroidogenic protein expression in equine oviduct explants in vitro. / Nelis, Hilde ; Wojciechowicz, Bartosz; Franczak, Anita; Leemans, Bart; Katharina, D'Herde; Goossens, Karen; Cornillie , Pieter; Peelman, Luc; Van Soom, Ann; Smits, Katrien.

In: Reproduction, Fertility, and Development, Vol. 28, No. 12, 18.06.2015, p. 1926-1944.
Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

Towards population genomics and metagenomics in agriculture and marine environments. / Haegeman, Annelies; De Mulder, Thijs; De Tender, Caroline; Fraiture, Marie-Alice; Kirov, Ilia; Luypaert, Gil; van Parijs, Frederik; Veeckman, Elisabeth; Verwimp, Christophe; Baeyen, Steve; Debode, Jane; De Keyser, Ellen; De Riek, Jan; Devriese, Lisa; Goossens, Karen; Maes, Sara; Muylle, Hilde; Peiren, Nico; Rasschaert, Geertrui; Taverniers, Isabel; Van Coillie, Els; Vandaele, Leen; Van Laere, Katrijn; De Campeneere, Sam; De Loose, Marc; Heyndrickx, Marc; Maes, Martine; Robbens, Johan; Roldán-Ruiz, Isabel; Van Huylenbroeck, Johan; Ruttink, Tom.

2015. Poster session presented at BIG N2N annual symposium, Gent, Belgium.
Research output: Contribution to conference › Poster › Research

Optimisation of the Bovine Whole In Vitro Embryo System as a Sentinel for Toxicity Screening: A Cadmium Challenge. / Jorssen, Ellen; Vergauwen, Lucia; Goossens, Karen; Hagenars, An; Van Poucke, Mario; Petro, Evi; Peelman, Luc; Knapen, Dries; Leroy, Jo; Bols, Peter.

In: Alternatives to Lab Animals, Vol. 43, 05.2015, p. 89-100.
Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

Screening van maatregelen die kunnen leiden tot de reductie van ammoniakemissie afkomstig van landbouw : Draft 1 – 20/03/2015. / Brusselman, Eva; Beck, Bert; De Campeneere, Sam; Demeyer, Peter; Goossens, Karen; Kerselaers, Eva; Maertens, Luc; Millet, Sam; Reubens, Bert; Riebbels, Greta; Vandaele, Leen; Vangeyte, Jürgen; Zwervaegeher, Ingrid. 2015, .

Research output: Other contribution › Online publication - Web publication › Research

High oxygen tension increases global methylation in bovine 4-cell embryos and blastocysts but does not affect general retrotransposon expression : Transposon expression in bovine preimplantation embryos. / Li, Wenwen; Goossens, Karen; Van Poucke, Mario; Forier, Katrien; Braeckmans, Kevin; Van Soom, Ann ; Peelman, Luc.

In: Reproduction, Fertility, and Development, 17.12.2014.
Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

Equine oviduct explant culture: a basic model to decipher embryo maternal communication. / Nelis, Hilde; D'Herde, Katharina; Goossens, Karen; Vandenberghe, Lynn; Forier, Katrien; Smits, Katrien; Braeckmans, Kevin; Peelman, Luc; Van Soom, Ann.

In: Reproduction, Fertility, and Development, Vol. 26, No. 7, 01.08.2014, p. 954-966.
Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

Characterization and profiling of immunomodulatory genes of equine mesenchymal stromal cells from non-invasive sources. / De Schauwer, Catharina; Goossens, Karen; Piepers, Sofie; Hoogewijs, Maarten; Govaere, Jan; Smits, Katrien; Meyer, Evelyne; Van Soom, Ann; Van De Walle, Gerlinde.

In: Stem Cell Research & Therapy, Vol. 5, No. 6, 13.01.2014.
Research output: Contribution to journal › A1: Web of Science-article › Research › peer-review

MicroRNA In Situ Hybridization on Whole-Mount Preimplantation Embryos. / Goossens, Karen; Van Soom, Ann; Peelman, Luc.

In Situ Hybridization Protocols. ed. / Boye Schnack Nielsen. Vol. 1211 New York : Springer, 2014. p. 15-25 (Methods in Molecular Biology).

Research output: Chapter in Book/Report/Conference proceeding › Contribution to book/anthology › Research › peer-review

The above report is produced using the following setup

Ordered by: null