

Gemeinsame Publikationen von Adalus Partnerinstitutionen 2014 – 2016

[Agroscope \(INT\) - Vetsuisse](#)

[Agroscope \(INT\) – HAFL](#)

[Agroscope \(INT\) - IAG](#)

[Agroscope \(INT\) - Inforama](#)

[Vetsuisse – HAFL](#)

Agroscope (INT) - Vetsuisse

2014

Abraham M, Reef V.B., Navas de Solis C. (2014) Gastrointestinal Ultrasonography of Normal Standardbred Neonates and Frequency of Asymptomatic Intussusceptions J Vet Intern Med. 58 (5); 1580-86 doi: 10.1111/jvim.12413.

Biermann, J., Klewitz, J., Otzen, H., Martinsson, G., Burger, D., Meinecke-Tillmann, S., Sieme, H., The effect of hCG, administered in diestrus, on luteal, ovarian and uterine blood flow, peripheral progesterone levels and pregnancy rates in mares. International Symposium on Equine Reproduction; Hamilton, New Zealand; 26 - 31 January 2014, Journal of Equine Veterinary Science, 34, Issue 1, 166, 2014

Bosshard, S., Gerber, V. (2014) Evaluation of coughing and nasal discharge as early indicators for an increased risk to develop equine recurrent airway obstruction (RAO). J Vet Intern Med. , Mar-Apr;28(2): 618-23. doi: 10.1111/jvim.12279. Epub 2014 Jan 13. PubMed PMID: 24417562.

Briefer Freymond, S., Briefer, E.F., Zollinger, A., Gindrat-von Allmen, Y., Wyss, C., Bachmann, I. (2014) Behaviour of horses in a judgement bias test associated with positive or negative reinforcement, Applied Animal Behavior Science 2014.06.20

Brunner K.R., Santschi E., Gerber V., Burger D., Zanoni R.G., Entwicklung einer PCR zum Nachweis der EAV-Infektion, Schweizer Archiv für Tierheilkunde, Band 156, Heft 11, November 2014, 527 – 538

Burger, D., Forschung Pferde-Reproduktion des ISME: Interaktionen zwischen Hengst und Stute – Wie können wir sie nutzen? Vereinigung der Schweizerischen Hochschuldozierenden, VSH-Bulletin Nr. ½, April 2015, 34-35

Burger, D., Sieme, H., Wedekind, C., Reproductive strategies of stallions and mares - what can we learn for the practice? 7th Leipzig Expert Workshop on Equine Reproductive Medicine, Leipzig 2014

Burger, D., Sieme, H., Examination of the Stallion for Breeding Soundness, ESDAR Workshop Helsinki 12. September 2014

Cavalleri, J.M.V., Mählmann, K., Steinig, P., Feige, K. (2014) Aetiology, clinical presentation and current treatment options of equine malignant melanoma – a review of the literature. Pferdeheilkunde 30 (4) 455-460

Christen, G., Gerber, V., Dolf, G., Burger, D., Koch, C. (2014) Inheritance of equine sarcoid disease in Franches-Montagnes horses. Vet J. Jan; 199(1): 68-71. doi: 10.1016/j.tvjl.2013.09.053. Epub 2013 Sep 29. PubMed PMID: 24152383.

Christen, G., Gerber, V., Dolf, G., Burger, D., Koch, C., Héritabilité du sarcoïde équin chez le cheval Franches-Montagnes, Schweiz. Arch. Tierheilk., Heft 4, Band 156, 185-195, Tagungsbericht 9. Jahrestagung Netzwerk Pferdeforschung Schweiz, 2014

Dohme-Meier, F., Kaufmann, L.D., Görs, S., Junghans, P., Metges, C.C., van Dorland, H.A., Bruckmaier, R.M., Münger, A. 2014: Comparison of energy expenditure, eating pattern and physical activity of grazing and zero-grazing dairy cows at different time points during lactation. *Livest. Sci.* 162, 86-96.

Drögemüller, M., Jagannathan, V., Welle, M.M., Graubner, C., Straub, R., Gerber, V., Burger, D., Signer-Hasler, H., Poncet, P.A., Klopfenstein, S., von Niederhäusern, R., Tetens, J., Thaller, G., Rieder, S., Drögemüller, C., Leeb, T. (2014) Congenital Hepatic Fibrosis in the Franches-Montagnes Horse is associated with the Polycystic Kidney and Hepatic Disease 1 (PKHD1) Gene. *PLoS One.* 2014 Oct 8; 9(10):e110125. doi: 10.1371/journal.pone.0110125.

Eyer, M., M. O. Schäfer, Y. P. Chen, J. S. Pettis, and P. Neumann. (2014). *Aethina tumida e i virus dell' ape mellifera.* Apitalia: 37-39.

Fauser-Misslin, A., B. M. Sadd, P. Neumann, and C. Sandrock. (2014). Influence of combined pesticide and parasite exposure on bumblebee colony traits in the laboratory. *Journal of Applied Ecology* 51: 450-459.

Fouché, N., Graubner, C., Howard, J., (2014) Correlation between serum total globulins and gamma globulins and their use to diagnose failure of passive transfer in foals, *The Veterinary Journal* 202 (2) 384-386, doi. 10.1016/j.tvjl.2014.08.013

Fouché, N., Cornelisse, K., Gerber, V., Gurtner, C., Krudewig, C., Koch, C. (2014). Non-citrated blood transfusions used as adjunctive treatment in a 7 year old Shetland pony with haemoperitoneum due to follicular haemorrhage. *Equine vet. Educ.* 26 (5) 250-254, doi: 10.1111/eve.12177.

Frischknecht, M., Neuditschko, M., Jagannathan, V., Drögemüller, Tetens, J., Thaller, G., Rieder, S. and Leeb, T. (2014) Imputation of sequence level genotypes in the Franches-Montagnes horse breed, *Genetics Selection Evolution*, 1.10.2014

Gerber, V., Jeannerat, E., Für welche Erkrankungen besteht eine genetische Disposition und was folgt daraus? *Pferdeheilkunde Eckehard Deegen Symposium, Innere Medizin des Pferdes*, 2014

Gerber, V., Tessier, C., Marti, E. (2014) Genetics of upper and lower airway diseases in the horse. *Equine Vet J.* Apr 28. doi: 10.1111/evj.12289.

Gerber, V. (2014) Heads-up on head position: The need for equestrian reality. *Vet J.* Oct; 202(1):5-6. doi: 10.1016/j.tvjl.2014.08.005.

Giese, C., Gerber, V., Howald, M., Bachmann, I., Burger, D. (2014) [Stress parameters and behaviour of horses in walkers with and without the use of electricity]. *Schweiz Arch Tierheilkd.* 2014 Apr; 156(4):163-9. doi: 10.1024/0036-7281/a000571.

Hertzberg, H., Schwarzwald, C.C., Grimm, F., Frey, C.F., Gottstein, B., Gerber, V. (2014) [Helminth control in the adult horse: the need for a re-orientation]. *Schweiz Arch Tierheilkd.* Feb; 156(2):61-70. doi: 10.1024/0036-7281/a000552.

Howard, J., Graubner, C. (2013) Comparison of paired serum and lithium heparin plasma samples for the measurement of serum amyloid A in horses using an automated turbidimetric immunoassay. *The Veterinary Journal*, 199 (3), 457-460, doi/10.1016/j.tvjl.2013.12.007

Janett, F., Burger, D., Bollwein, H., Jahreszeitliche Schwankungen der DNA-Fragmentation von Spermien beim Hengst. Schweiz. Arch. Tierheilk., Heft 4, Band 156, 185-195, Tagungsbericht 9. Jahrestagung Netzwerk Pferdeforschung Schweiz, 2014

Mählmann, K., Cavalleri J. 2014: Immuntherapie beim equinen Melanom. Der Praktische Tierarzt 95(7)

Janett, F, Burger, D., Bollwein, H., Annual variation of sperm chromatin stability assessed by SCSA™ in the stallion, International Symposium on Equine Reproduction, Hamilton, New Zealand; 26 - 31 January 2014, Journal of Equine Veterinary Science, 34, Issue 1, 61, 2014

Klewitz, J., Großheim, B., Schwenzer, K., Pansegrouw, U., Burger, D., Sieme, H., Effects of topical medications on the dimensions of the cervix in estrous mares. International Symposium on Equine Reproduction; Hamilton, New Zealand; 26 - 31 January 2014, Journal of Equine Veterinary Science, 34, Issue 1, 151, 2014

Jeannerat, E., Wedekind, C. Bruckmaier, R.M., Janett F., Marti E., Sieme, H., Burger, D., Ejaculation stratégique chez l'étalon, Schweiz. Arch. Tierheilk., Heft 4, Band 156, 185-195, Tagungsbericht 9. Jahrestagung Netzwerk Pferdeforschung Schweiz, 2014 (Preis Zucht)

Käser, R., Bruckmaier, R.M., Thomas, S., Wedekind, C., Sieme, H., Burger, D., Inter- and intra-individual variation of oxytocin secretion in oestrous mares exposed to stallions, International Symposium on Equine Reproduction; Hamilton, New Zealand, 26 - 31 January 2014, Journal of Equine Veterinary Science, 34, Issue 1, 158, 2014

Käser, R., Bruckmaier, R.M., Thomas, S., Wedekind, C., Sieme, H., Burger, D., Inter- und intra-individuelle Variationen der Oxytocin-Sekretion bei Stuten. Schweiz. Arch. Tierheilk., Heft 4, Band 156, 185-195, Tagungsbericht 9. Jahrestagung Netzwerk Pferdeforschung Schweiz, 2014

Kehrli, D., Jandova, V., Fey, K., Jahn, P., Gerber, V. (2014) Multiple Hypersensitivities including Recurrent Airway Obstruction, Insect Bite Hypersensitivity, and Urticaria in 2 Warmblood Horse Populations. *J Vet Intern Med.* Sep 30. doi:10.1111/jvim.12473.

Koch, C. and Witte T. (2014). Clinical Commentary: Temporohyoid osteoarthropathy in the horse. *Equine vet. Educ.* 26 (3) 121-125, doi: 10.1111/eve.12138.

Navas de Solís C, Biscoe EW, Lund CM, Labbe K, Muñoz J, Farnsworth K. (2014) Ultrasonographic diagnosis: muscular hypertrophy of the small intestine and pseudodiverticula in a horse. *Vet Radiol Ultrasound.* 2014 Jan 2 doi: 10.1111/vru.12133.

Mählmann, K., Koch C. (2014) Perineal Incision into the Corpus Spongiosum Penis to Resolve Persistent Post-Urination Hemorrhage after Partial Phallectomy. *Equine vet. Educ.* 26 (10) 532-535, doi: 10.1111/eve.12224.

Mählmann, K., Hamza, E., Marti, E., Dolf, G., Klukowska, J., Gerber, V., Koch, C. (2014) Increased FOXP3 expression in tumour-associated tissues of horses affected with equine sarcoid disease. *Vet J.*, Sep 6. pii: S1090-0233(14)00372-4.

Potocki, L., Lewinska, A., Klukowska-Rötzler, J., Bielak-Zmijewska, A., Grabowska, W., Rzeszutek, I., Kaminska, P., Roga, E., Bugno-Poniewierska, M., Slotaa, E., Mählmann, K., Koch, C., Wnuk M. (2014) Sarcoid-derived fibroblasts: links between genomic instability, energy metabolism and senescence. *Biochimie; Biochimie* 97; 163-172, doi:10.1016/j.biochi.2013.10.010.

Rettmer, H., Hoffman, A.M., Lanz, S., Oertly, M., Gerber, V. (2014) Owner-reported coughing and nasal discharge are associated with clinical findings, arterial oxygen tension,mucus

score and bronchoprovocation in horses with recurrent airway obstruction in a field setting. Equine Vet J. Apr 25. doi: 10.1111/evj.12286.

Retschnig, G., P. Neumann, and G. R. Williams. (2014). Thiacloprid - Nosema ceranae interactions in honey bees: Host survivorship but not parasite reproduction is dependent on pesticide dose. Journal of Invertebrate Pathology 118: 18-19.

Retschnig, G., G. R. Williams, M. M. Mehmann, O. Yanez, J. R. de Miranda, and P. Neumann. (2014). Sex-Specific Differences in Pathogen Susceptibility in Honey Bees (*Apis mellifera*). Plos One 9.

Sandrock, C., L. G. Tanadini, J. S. Pettis, J. C. Biesmeijer, S. G. Potts, and P. Neumann. (2014). Sublethal neonicotinoid insecticide exposure reduces solitary bee reproductive success. Agricultural and Forest Entomology 16: 119-128.

Sandrock, C., M. Tanadini, L. G. Tanadini, A. Fauser-Misslin, S. G. Potts, and P. Neumann. (2014). Impact of chronic neonicotinoid exposure on honeybee colony performance and queen supersedure. Plos One 9: 1-13.

Schönbom, H., Kassens, A., Hopster-Iversen, C., Klewitz, J., Piechotta, M., Martinsson, G., Kißler, A., Burger, D., Sieme, H., (2014) Influence of transrectal and transabdominal ultrasound examination on salivary cortisol, heart rate, and heart rate variability in mares, Theriogenology, doi:10.1016/j.theriogenology.2014.11.010.

Signer-Hasler, H., Neuditschko, M., Koch, C., Froidevaux, S., Flury, C., Burger, D., Leeb, T., Rieder S. (2014). A chromosomal region on ECA13 is associated with Schori F., Thanner S., Görs S., Metges C. C., Bruckmaier R. M., Dohme-Meier F. 2014. Energy expenditure of two grazing Holstein cow strains. [EGF at 50: The future of European grasslands. Proceedings of the 25th General Meeting of the European Grassland Federation, Aberystwyth, Wales, 7-11 September 2014.](#) (Hopkins, A.;Collins, R. P.;Fraser, M. D.;King, V. R.;Lloyd, D. C.;Moorby, J. M.;Robson, P. R. H., eds) Grassland Science in Europe, Vol. 19, 538-540. ISBN: [978-0-9926930-1-2](#)

Sidler, M., Fouché, N., Meth, I., Von Hahn, F., Von Rechenberg, B., Kronen, P.W. (2014) Preliminary study on carprofen concentration measurements after transcutaneous treatment with Vetdrop® in a microfracture joint defect model in sheep, BMC Veterinary Research, 10:268, doi:10.1186/s12917-014-0268-6

Signer-Hasler, H., Neuditschko, M., Koch, C., Froidevaux, S., Flury, C., Christen, G., Burger, D., Leeb, T., Rieder S. A chromosomal region on ECA13 is associated with maxillary prognathism in horses. Jahrestagung Netzwerk Pferdeforschung Schweiz; Avenches, 10. April 2014

Signer-Hasler, H., Neuditschko, M., Koch, C., Froidevaux, S., Flury, C., Burger, D., Leeb, T., Rieder S. (2014). A chromosomal region on ECA13 is associated with maxillary prognathism in horses. PLoS ONE 9(1): e86607; doi:10.1371/journal.pone.0086607.

Thanner, S., Dohme-Meier, F., Görs, S., Metges, C.C., Bruckmaier, R.M., Schori, F. 2014: The energy expenditure of 2 Holstein cow strains in an organic grazing system. . J. Dairy Sci. 97, 2789-2799.

Thanner, S., Schori, F Bruckmaier, R.M, Dohme-Meier, F. 2014. Grazing behaviour, physical activity and metabolic profile of two Holstein strains in an organic grazing system. J. Anim. Physiol. An. N. 98, 1143–1153.

Unger, L., Fouché, N., Schnider, D. Witte, S. (2014) Peritonitis, abscessation and haemorrhage: Complications of transcutaneous caecal decompression, Equine vet. Educ. (26) (8) 430-435, doi: 10.1111/eve.12174

Unger, L., Nicholson, A., Jewitt, E.M., Gerber, V., Hegeman, A., Sweetman, L., Valberg, S. (2014) Hypoglycin A concentrations in seeds of Acer pseudoplatanus trees growing on atypical myopathy-affected and control pastures. J Vet Intern Med., Jul-Aug; 28(4):1289-93. doi: 10.1111/jvim.12367.

Van Driessche, K., Ducatelle, R., Chiers, K., Van Coster, R., Van der Kolk, H. (2014) Ultrastructural mitochondrial alterations in Equine myopathies of unknown origin, Veterinary Quarterly, DOI: 10.1080/01652176.2015.983681

Van der Kolk, J.H. (2014) Borrelia burgdorferi seeks vectors, Veterinary Quarterly, 34:3, 119-119, DOI: 10.1080/01652176.2014.972609

Wespi, B., Sieme, H., Wedekind, C., Burger, D. (2014) Exposure to stallion accelerates the onset of mares' cyclicity. Theriogenology. Vol 82, Issue 2, pages 189-194, July 15, 2014, DOI:<http://dx.doi.org/10.1016/j.theriogenology.2013.03.019>

Wespi, B., Sieme, H., Wedekind, C., Burger, D., Permanent stallion contact hastens onset of mares' cyclicity after winter anoestrus. International Symposium on Equine Reproduction, Hamilton, New Zealand, 26 - 31 January 2014, Journal of Equine Veterinary Science, 34, Issue 1, 162, 2014

Yanez, O., G. Tejada, and P. Neumann. (2014). First detection of viruses in africanized honey bees from Peru. Virologica Sinica 29: 321-323.

Zbinden, R.S., Gross, J.J., Falk, M., van Dorland, H.A., Münger A., Dohme-Meier, F., Bruckmaier R.M. 2014. Interactions between metabolic load and dairy cow welfare-related parameters in herbage based feeding systems. J. Dairy Sci. Vol. 97, E-Suppl. 1, 256.

2015

Aeschbacher, S., Santschi, E., Gerber, V., Stalder, H.P., Zanoni, R.G. (2015) Entwicklung einer real-time RT-PCR zum Nachweis von equinem Influenzavirus, Schweizer Archiv für Tierheilkunde, 157, 4, 191–201, DOI 10.17236/sat00015

Achten-Weiler, M., Veldhuis Kroeze, E.J.B., Boerma, S. & Van der Kolk, J.H. (2015) Hairy cell-like leukemia in a 9-year-old Friesian mare, Veterinary Quarterly, DOI:10.1080/01652176.2015.1110427

Albrecht, E., Norheim, F., Thiede, B., Holen, T., Ohashi, T., Schering, L., Lee, S., Brenmoehl, J., Thomas, S., Drevon, C., Erickson, H. and Maak, S. (2015) Irisin – a myth rather than an exercise-inducible myokine, Scientific Reports, 5: 8889 | doi: 10.1038/srep08889

Bindler, D., Koch, C., Gendron, K., Ferguson, S., Kaposi, A.D., Papp, M., Bodó, G. (2015) Evaluation of a Novel Screw Position in a Type III Distal Phalanx Fracture Model: An Ex Vivo Study, Vet Surg 44, 829–837, DOI:10.1111/vsu.12354

Briefer Freymond, S., Bardou, D., Briefer, E.F., Bruckmaier, R., Fouché, N., Fleury, J., Maigrot, A.-L., Ramseyer, A., Zuberbühler, K., Bachmann, I. (2015) The physiological consequences of crib-biting in horses in response to an ACTH challenge test, Physiology & Behavior 151,121–128, doi.org/10.1016/j.physbeh.2015.07.015

Burger, D., Meroni, G., Thomas, S., Sieme H. (2015) Effects of ground semen collection on weight bearing on hindquarters, libido and semen parameters in stallions, Theriogenology 84, 687–692, doi.org/10.1016/j.theriogenology.2015.04.029

Burger, D., Dolivo, G., Marti, E., Sieme, H., Wedekind, C. (2015) Female major histocompatibility complex type affects male testosterone levels and sperm number in the horse (*Equus caballus*). Proc Biol Sci., May 22, 282(1807). pii: 20150407. doi: 10.1098/rspb.2015.0407

Burger, D., Dolivo, G., Wedekind, C. (2015) Ejaculate Characteristics depend on Social Environment in the Horse (*Equus caballus*). PLoS ONE 10(11): e0143185. doi:10.1371/journal.pone.0143185

Casoni D., O. Lorello, N. Heliczer, C. Navas de Solís (2015) Korrelation von Blutdruck, Milzvolumen und Hämatokrit nach Gaben von Phenylephrin und Acepromazine, Schweizer Archiv für Tierheilkunde, 157, 4. ISSN 0036-7281

Chollet, A., Wespi, B., Roosje, P., Unger, L., Venner, M., Goepfert, C., Monod, M. (2015) An outbreak of Arthroderma vanbreuseghemii dermatophytosis at a veterinary school associated with an infected horse, Mycoses 58(4):233-8. doi: 10.1111/myc.12301.

Corpataux, M., von Niederhäusern, R., Wägeli, S. (2015) Satisfaction des clients dans les écuries de pension pour chevaux, Agrarforschung Schweiz (Formerly Agrarforschung : Journal of Swiss Agricultural Research), 16.4.2015

Falk, M., Münger, A. Zbinden, R.S., Gross, J.J. Bruckmaier, R.M., Dohme-Meier, F., 2015. Comparison of milk production ruminal fermentation and metabolic load of dairy cows offered herbage with and without concentrate supplementation during transition and early lactation. In: Gesunde und leistungsfähige Nutztiere: Futter an Genotyp oder Genotyp an Futter anpassen ? (Kreuzer, M., Lanzini, T., Liesegang, A., Bruckmaier, R., Hess H.D. eds) ETH-Schriftenreihe zur Tierernährung. H 38, 104-106. (ISBN 978-3-906466-38-8)

Fouché, N., Van der Kolk, J.H., Bruckmaier, R.M., Luz, I., Foerster, G., Gerber, V. (2015) Venipuncture does not affect adrenocorticotropic hormone concentration in horses, Veterinary Record, doi: 10.1136/vr.10327410

Federici, M., Gerber, V., Doherr, M.G., Klopfenstein, S., Burger, D. (2015) Assoziation zwischen Hautgesundheit und Fellfarbe sowie weissen Abzeichen bei dreijährigen Freibergerpferden, Schweizer Archiv für Tierheilkunde 157, 7, 391–398

Gauthier, L., G. Williams, G. Retschnig, P. Neumann, and A. Troxler. (2015). La fécondité des reines menacée par des insecticides. Revue Suisse d'apiculture: 17-21.

Gauthier, L., S. Cornman, U. Hartmann, F. Cousserans, J. D. Evans, J. R. De Miranda, and P. Neumann. (2015). The *apis mellifera* filamentous virus genome. Viruses 7: 3798-3815.

Glauser, A., Burger, D., van Dorland, H.A., Gygax, L., Bachmann, I., Howald, M., Bruckmaier, R.M. (2015) No increased stress response in horses on small and electrically fenced paddocks. Appl. Anim. Behav. Sci., <http://dx.doi.org/10.1016/j.applanim.2015.03.008>

Gross, J.J., Kawashima, C., Dohme-Meier, F., Miyamoto, A., Bruckmaier, R.M., 2015: Resumption of ovarian cycle postpartum in dairy cows is affected by metabolic load in herbage-based feeding systems. J. Dairy Sci. Vol. 98, Suppl. 2, 83.

Gross, J.J., Kawashima, C., Dohme-Meier, F., Miyamoto, A., Bruckmaier, R.M., 2015: Dairy cows in herbage-based feeding systems have a different metabolic load affecting resumption

of ovarian cycle postpartum. 8th International Congress on Farm Animal Endocrinology, Billund, Denmark. DCA Report No. 064, 72.

Gross, J.J., Kawashima, C., Dohme-Meier, F., Miyamoto, A., Bruckmaier, R. M. 2015. Metabolic load affecting resumption of ovarian cycle postpartum of dairy cow in herbage-based feeding systems Reprod Dom Anim 50 (Suppl. 1), 68.

Hardeman, L.C., Van der Meij, B. R., Back, W., Van der Kolk, J. H., Wijnberg, I. D. (2015) The use of electromyography interference pattern analysis to determine muscle force of the deep digital flexor muscle in healthy and laminitic horses, Veterinary Quarterly, DOI: 10.1080/01652176.2015.1106116

Hartmann, U., E. Forsgren, J. D. Charriere, P. Neumann, and L. Gauthier. (2015). Dynamics of *Apis mellifera* filamentous virus (AmFV) infections in honey bees and relationships with other parasites. Viruses 7: 2654-2667.

Haase, B., Jagannathan, V., Rieder S. Leeb, T., (2015). A novel KIT variant in an Icelandic horse with white-spotted coat colour, Animal Genetics, 10.6.2015

Haase, B., Rieder S. Leeb, T., (2015). Two variants in the KIT gene as candidate causative mutations for a dominant white and a white spotting phenotype in the donkey, Animal Genetics, 1.2.2015

Heim, C., Pfau, T., Gerber, V., Schweizer, C., Doherr, M., Schüpbach, R. G, Witte S. (2015) Determination of vertebral range of motion using inertial measurement units in 27 Franches-Montagnes stallions and comparison between conditions and with a mixed population. Equine Vet J. 2015 Apr 28. doi: 10.1111/evj.12455.

Klopfenstein Bregger, M.D., Fürst, A.E., Kircher, P.R., Kluge, K., Kummer, M. (2015) Minimally-invasive lag screw osteosynthesis combined with external coaptation for the treatment of distal Salter-Harris type II metacarpal and metatarsal fracture in three foals Vet Comp Orthop Traumatol doi.org/10.3415/VCOT-15-05-0079.R1

Langeneckert, F., Witte, T., Schellenberger, F., Czech, C., Aebischer, D., Vidondo, B., Koch, C. (2015) Cheek Tooth Extraction via a Minimally Invasive Transbuccal Approach and Intradental Screw Placement in 54 Equids, Vet Surg 44, 1012–1020, DOI:10.1111/vsu.12409

Lauper, M., Gerber, V., Ramseyer, A., Burger, D., Lüth, A., Koch, C., Dolf, G. (2015) Heritabilities of health traits in Swiss Warmblood horses. Equine Vet J. 2015 Nov 5., doi: 10.1111/evj.12537.

Lincoln, V.J., Page, P.C., Kopp, C., Mathis, A., von Niederhäusern, R., Burger, D., Herholz, C. (2015) Protection of horses against Culicoides biting midges in different housing systems in Switzerland, Veterinary Parasitology, doi: 10.1016/j.vetpar.2015.04.006

Lincoln V. J., P. C. Page, C. Kopp, A. Mathis, R. von Niederhäusern, D. Burger, C. Herholz (2015) Schutz von Pferdehaltungssystemen gegen Culicoides Stechmücken, Schweizer Archiv für Tierheilkunde, 157, 4. ISSN 0036-7281

Lincoln V.J., P. C. Page, C. Kopp, A. Mathis, R. von Niederhäusern, D. Burger, C. Herholz (2015) Schutz von Pferdehaltungssystemen gegen Culicoides Stechmücken, Schweizer Archiv für Tierheilkunde, 157, 4. ISSN 0036-7281

Mählmann, K., Koch, C. and Bodo, G. (2015) Diagnostic endoscopy of the navicular bursa using a needle endoscope via direct or transthecal approach: a comparative cadaver study. Veterinary Surgery 9999, 1–9, DOI:10.1111/vsu.12369

Neumann, P., S. Buchholz, M. Jenkins, and J. S. Pettis. (2015). The suitability of the sterile insect technique as a pest management of small hive beetles, *Aethina tumida* Murray (Coleoptera: Nitidulidae). *Journal of Apicultural Research* 54: 236-237.

Pacholewska, A., Drögemüller, M., Klukowska-Rötzler, J., Lanz, S., Hamza, E., Dermitzakis, E.T., Marti, E., Gerber, V., Leeb, T., Jagannathan, V. (2015) The transcriptome of equine peripheral blood mononuclear cells. *PLoS One.* 19; 10(3) doi: 10.1371, PubMed PMID: 25790166

Peters, L.W.E., Smiet, E., de Sain-van der Velden, M.G.M., Van der Kolk, J.H. (2015) Acylcarnitine ester utilization by the hindlimb of warmblood horses at rest and following low intensity exercise and carnitine supplementation, *Veterinary Quarterly*, 35:2, 76-81, DOI: 10.1080/01652176.2015.1027039

Sakes, A., Arkenbout, E.A., Jelínek, F., van der Kolk, J.H., Breedveld, P. (2015) Design of an endovascular morcellator for the surgical treatment of equine Cushing's disease, *Veterinary Quarterly*, DOI:10.1080/01652176.2015.1047676

Sarkissian, C.D., Ermini, L., Schubert, M., Yang, M.A., Librado, P., Fumagalli, M., Jonsson, H., Bar-Gal, G.K., Albrechtsen, A., Vieira, F.G., Petersen, B., Ginolhac, A., Seguin-Orlando, A., Magnussen, K., Fages, A., Gamba, C., Lorente-Galdos, B., Polani, S., Steiner, C., Neuditschko, M., Jagannathan, V., Feh, C., Greenblatt C.L., Ludwig, A., Abramson, N.I., Zimmermann, W., Schafberg, R., Sicherlitz-Ponten, T., Willerslev, E., Marques-Bonet, T., Ryder, O.A., McCue, M., Leeb, T., Rieder S., Slatkin, M., Orlando, L., Evolutionary Genomics and Conservation of the Endangered Przewalski's Horse, *Current Biology*, 24.9.2015de
Miranda, J. R., R. S. Cornman, J. D. Evans, E. Semberg, N. Haddad, P. Neumann, and L. Gauthier. (2015). Genome characterization, prevalence and distribution of a macula-like virus from *Apis mellifera* and *Varroa destructor*. *Viruses* 7: 3586-3602.

Scheidegger M., A. Ramseyer, D. Burger, N. Fouché, V. Gerber (2015) Evaluation du stress chez les chevaux: tests de stimulation à l'ACTH et ulcères gastriques chez les chevaux de sport, *Schweizer Archiv für Tierheilkunde*, 157, 4. ISSN 0036-7281

Schweizer, C., Ramseyer, A., Gerber, V., Christen, G., Burger, D. and Wohlfender F.D. (2015) Retrospective evaluation of all recorded horse race starts in Switzerland during a four year period focusing on discipline specific risk factors for clinical events, *Equine Veterinary Journal* ISSN 0425-1644, doi: 10.1111/evj.12515

Sieme, H., Oldenhof, H., Martinsson, G., Burger, D., Wolkers, W.F. (2015) Equine semen cryopreservation: inter-individual variation, centrifugation processing, protective agents, and freezing protocols, *Rev. Bras. Reprod. Anim.*, Belo Horizonte

Sieme, H., Lüttgenau, J., Sielhorst, J., Martinsson, G., Bollwein, H., Thomas, S., Burger, D. (2015) Improving the formation and function of the corpus luteum in the mare, *Rev. Bras. Reprod. Anim.*, Belo Horizonte Steinmann, N., M. Corona, P. Neumann, and B. Dainat. (2015). Overwintering is associated with reduced expression of immune genes and higher susceptibility to virus infection in honey bees. *Plos one*: 1-18.

Straub, L., G. R. Williams, J. Pettis, I. Fries, and P. Neumann. (2015). Superorganism resilience: eusociality susceptibility of ecosystem service providing insects to stressors. *Current Opinion in Insect Science* 12: 109-112.

Troxler A., Gauthier L., Williams G., Retschnig G., Neumann P. (2015). Insektizide beeinflussen die Fruchtbarkeit und Qualität von Königinnen. *Schweizerische Bienen-Zeitung* (12), 10-12

Van der Kolk J.H., Pacholewska, A., Gerber, V. (2015) The role of microRNAs in equine medicine: a review. *Vet Q.* 35(2):88-96. doi: 10.1080/01652176.2015.1021186.

Van der Kolk, J.H. (2015) Antibiotic resistance from prehistoric to modern times, *Veterinary Quarterly* 35:1, 1-1, DOI: 10.1080/01652176.2015.1008215

Van der Kolk, J.H. (2015) *Acinetobacter baumannii* as an underestimated pathogen in veterinary medicine, *Veterinary Quarterly* 35:3, 123-124, DOI: 10.1080/01652176.2015.1066137

Wach-Gygax L., E. Malama, H. Bollwein, D. Burger, F. Janett (2015) Jahreszeitliche Schwankungen der Samenqualität beim Hengst, *Schweizer Archiv für Tierheilkunde*, 157, 4. ISSN 0036-7281

Wach-Gygax L., E. Malama, H. Bollwein, D. Burger, F. Janett (2015) Seasonal variation of DNA fragmentation in equine sperm, 48. Jahrestagung Physiologie und Pathologie der Fortpflanzung (Februarstagung 2015), 11.-13.2.15, Zürich, Reprod Dom Anim 50 (Suppl. 1), 1-77, 2015; doi: 10.1111/rda.12498 Williams, G. R., A. Troxler, G. Retschnig, K. Roth, O. Yañez, D. Shutler, P. Neumann, and L. Gauthier. (2015). Neonicotinoid pesticides severely affect honey bee queens. *Scientific Reports* 5: 14621.

Wiederkehr D., E. Jeannerat, P. Nussbaumer, D. Burger, H.A. van Dorland (2015). Effekt von Equi-Strath® auf biologische Parameter von Pferden. *Schweizer Archiv für Tierheilkunde*, 157, 4. ISSN 0036-7281

Zbinden, R., Gross, J.J., Falk, M., Münger, A., Dohme-Meier, F., Bruckmaier, R. M. 2015. Metabolic load and dairy cow health-related parameters in herbage based feeding systems. *Proc. Soc. Nutr. Physio.* 24, 113.

2016

Berruex, F., Gerber, V., Wohlfender, F.D., Burger, D. & Koch, C. (2016): Clinical course of sarcoids in 61 Franches-Montagnes horses over a 5–7 year period, *Veterinary Quarterly*, 36, 4, 189-196 doi: 10.1080/01652176.2016.1204483

Brinkmann, J., M., Jagannathan, V., Drögemöller, C., Rieder, S., Leeb, T., Thaller, G., Tetens, J., (2016), DNA-based analysis of protein variants reveals different genetic variability of the paralogous equine β -lactoglobulin genes LGB1 and LGB2, *Livestock Science*, 31.3.2016

Burger, D., Meuwly, C., Marti, E., Sieme, H., Oberthür, M., Janda, J., Meinecke-Tillmann, S., Wedekind, C., (2016) MHC-correlated preferences in diestrous female horses (*Equus caballus*). *Theriogenology*, xxx (2016) 1–6, doi.org/10.1016/j.theriogenology.2016.09.015

Burger D., H. Sieme and C. Wedekind. Social interactions and reproductive efficiency in horses, 9th International Conference on Equine Reproductive Medicine - 9th ICERM Leipzig, 16.01.16

Burger D., H. Sieme, C. Wedekind. Strategic ejaculation in the stallion, 8th Leipzig Expertworkshop on Equine Reproduction, Leipzig, 15.01.16. Eyer M., P. Neumann, V. Dietemann. (2016) In die Honigzelle geschaut. *Deutsches Bienen Journal*(11): 54.

Carmalt, J.L., Duke-Novakovski, T., Schott, H.C., Van der Kolk, J.H., (2016) Effects of anesthesia with isoflurane on plasma concentrations of adrenocorticotrophic hormone in samples obtained from the cavernous sinus and jugular vein of horses, *AJVR*, 77, 7, 730-7, doi: 10.2460/ajvr.77.7.730

Couëtil L.L., Cardwell, J.M., Gerber, V., Lavoie, J.-P., Leguillette, R., Richard, E.A. (2016) Inflammatory Airway Disease of Horses – Revised Consensus Statement, JVIM 30, 503-515, doi: 10.1111/jvim.13824

Dini P., M. Van Poucke, C. Herrera, L. Peelman, Peter Dael. Preimplantation Gender Determination on Equine Embryos using LAMP. Journal of Equine Veterinary Science, Volume 41, June 2016, Page 75

Eyer M., P. Neumann, V. Dietemann. (2016) A Look into the Cell: Honey Storage in Honey Bees, *Apis mellifera*. PLoS ONE 11(8): e0161059.

Falk, M., Münger, A., Dohme-Meier, F. 2016. Technical note: A comparison of reticular and ruminal pH monitored continuously with two measurement systems at different weeks of early lactation. J. Dairy Sci., 99:1951–1955 (<http://dx.doi.org/10.3168/jds.2015-9725>)

Fouché, N., Auer, U., Iff, I., (2016) Comparison of non-invasive and invasive blood pressure measurements in horses during anaesthesia using the oscillometric blood pressure monitor S/5 Datex Ohmeda, Pferdeheilkunde 32, 5, 479-484

Fouché, N., Gerber, V., Gorgas, D., Marolf, V., Grouzmann, E., Van der Kolk, J.H. and Navas de Solis, C. (2016) Catecholamine Metabolism in a Shetland Pony with Suspected Pheochromocytoma and Pituitary Pars Intermedia Dysfunction, Case Report J Vet Intern Med, 30 (6), 1872-1878, doi: 10.1111/jvim.14606.

Frischknecht, M., Jagannathan, V., Plattet, P., Neuditschko, M., Signer-Hasler, H., Bachmann, I., Pacholewska, A., Drögemüller, C., Dietschi, E., Flury, C., Rieder, S., and Leeb, T.,(2016) “A Non-Synonymous HMGA2 Variant Decreases Height in Shetland Ponies and Other Small Horses,” , PLoS ONE 10(10): e0140749. doi:10.1371/journal.pone.0140749

Frischknecht, M., Signer-Hasler, H., Leeb, T., Rieder, S., and Neuditschko, M. (2016), Genome-wide association studies based on sequence-derived genotypes reveal new QTL associated with conformation and performance traits in the Franches–Montagnes horse breed. Animal Genetics, 13.1.2016

Frischknecht, M., Flury, C., Leeb, T., Rieder, S., and Neuditschko, M., Selection signatures in Shetland ponies. Animal Genetics, 9.2.2016

Geissbüsl, H., Marti, E., Stoffel, M.H., Kühni, K., Stojiljkovic, A., Von Tscharner, C., Vidondo, B., Gerber, V., Koch, C. (2016) Quantitative analysis of infiltrating immune cells and bovine papillomavirus type 1 E2-positive cells in equine sarcoids. Vet J, 216:45-52. doi: 10.1016/j.tvjl.2016.06.016.

Ghosh, S., Das, P.J., McQueen, C.M., Gerber, V., Swiderski, C.E., Lavoie, J.P., P Chowdhary, B., Raudsepp, T. (2016) Analysis of genomic copy number variation in equine recurrent airway obstruction (heaves). Anim Genet., 47, 334–344, doi: 10.1111/age.12426.

Herrera, C., (2016) Clinical Applications of Preimplantation Genetic Testing in Equine, Bovine and Human Embryos. Review Article, JEVS, 41, 29-34

Herrera C., E. Jeannerat, S. Wyck, L. Bittner, M. Van den Bergh, F. Janett, D. Burger, H. Bollwein. Successful in vitro production of mammalian embryos: a strict quality management approach. Journal of Equine Veterinary Science, Vol. 41, 74

Herrera C., E. Jeannerat, S. Wyck, L. Bittner, M. Van den Bergh, F. Janett, D. Burger, H. Bollwein. Successful in vitro production of mammalian embryos: a strict quality management approach. ISEET International Symposium on Equine Embryo Transfer and Technology, 1-3 July 2016, Gent, Belgium

Hintze, S., Smith, S., Patt, A., Bachmann, I., Würbel, H. (2016) Are Eyes a Mirror of the Soul? What Eye Wrinkles Reveal about a Horse's Emotional State. PLoS One. 2016 Eyer M., M.K. Greco, J. Lang, P. Neumann, V. Dietemann. (2016) No spatial patterns for early nectar storage in honey bee colonies. Insectes Sociaux 63(1): 51-59.

Käser, R., Bruckmaier, R.M., Thomas, S., Sieme, H., Wedekind, C., Burger, D., (2016) High interindividual and intraindividual variation of oxytocin secretion in estrous mares exposed to stallions, but no significant link to mate preferences. Theriogenology, 86, 9, 2222-2229; doi: 10.1016/j.theriogenology.2016.07.017

Khongphinitbunjong, K., P. Neumann, P. Chantawannakul, and G. R. Williams. (2016). The ectoparasitic mite *Tropilaelaps mercedesae* reduces western honey bee, *Apis mellifera*, longevity and emergence weight, and promotes Deformed wing virus infections. Journal of Invertebrate Pathology 137: 38-42.

Klopfenstein Bregger, M.D., Fürst, A.E., Kircher, P.R., Kluge, K., Kummer, M., (2016) Salter-Harris type II metacarpal and metatarsal fracture in three foals. Treatment by minimally-invasive lag screw osteosynthesis combined with external coaptation. VCOT, May 18; 29(3):239-45, doi: 10.3415/VCOT-15-05-0079

Koch C. and L. Unger No magic cure in sight for equine sarcoids? – Current perspectives of immunotherapy and vaccination. Science and Barbecue Day 2016, 07.09.2016, Zürich, Switzerland

Lanz, S., (S. Lanz, A. Brunner, C. Graubner, V. Gerber) Multiple equine allergies: is IBH associated with equine asthma and pulmonary hyperreactivity? Swiss Institute of Equine Medicine, University of Bern and Agroscope, 25 June 2016 Havemeyer Workshop, Iceland

Lauper M., V. Gerber, A. Ramseyer, D. Burger, A. Lüth, C. Koch, G. Dolf. Heritabilitäten von Gesundheitsmerkmalen beim Schweizer Warmblutpferd. 11. Jahrestagung Netzwerk Pferdeforschung Schweiz am 7.4.2016.

Lustenberger S., C. Schweizer, V. Gerber, A. Ramseyer. Einfluss von Training auf dem Wasserlaufband auf die Rückentätigkeit von untrainierten Pferden. Schweiz Archiv Tierheilkd, Band 158, Heft 4 April 2016, 269-284

Mach, N., Plancade, S., Pacholewska, A., Lecardonnel, J., Rivière, J., Moraldo, M., Vaiman, A., Morgenthaler, C., Beinat, M., Nevot, A., Robert, C., and Barrey, E., "Integrated mRNA and miRNA expression profiling in blood reveals candidate biomarkers associated with endurance exercise in the horse," Sci. Rep., 6, 22932, doi: 10.1038/srep22932

Märki N., S. Witte, S. Kuchen, S. Reichenbach, A. Ramseyer, V. Gerber, C. Spadavecchia. Intraartikuläre Goldimplantate versus Hyaluronsäure bei Pferden mit gesunden Gelenken: Eine Toleranzstudie. Schweiz Archiv Tierheilkd, Band 158, Heft 4 April 2016, 269-284.

Marolf, V., Spadavecchia, C., Fouché, N., et al., (2016) Repeated perineural administrations of ropivacaine at the tibial nerve following a degloving injury in a horse, Vet Rec Case Rep, doi: 10.1136/vetreccr-2016-000322

Mönnig F., J. Richter, J. Sielhorst, G. Martinsson, S. Schöniger, H.A. Schoon, D. Burger, J.M. Morrell, and others. Influence of artificial insemination technique and single-layer centrifugation of semen on post breeding endometritis in the mare. Journal of Equine Veterinary Science, Vol. 43, S75–S76

Monod A., M. Lauper, C. Koch, A. Lüth, G. Dolf, V. Gerber, A. Ramseyer. Einfluss von Individuum und Rasse auf die genetische Variabilität von Schweizer Warmblutpferden in

Bezug auf bestimmte Gesundheitsmerkmale. Schweiz Archiv Tierheilkd, Band 158, Heft 4 April 2016, 269-284

Navas de Solis, C, Reef, V.B., Slack, J.A., José-Cunilleras, E., (2016) "Evaluation of coagulation and fibrinolysis in horses with atrial fibrillation" JAVMA, 248, 2, 201-206, doi: 10.2460/javma.248.2.201

Neumann, P., J. S. Pettis, and M. O. Schäfer. (2016). Quo vadis Aethina tumida? Biology and control of small hive beetles. Apidologie: 1-40.

Pacholewska A., Podium: Optimized Method for Extracting Circulating Small RNAs from Long-Term Stored Equine Samples, Plant and Animal Genome XXIV Conference, 8.-13.1.16, San Diego, California, USA

Pacholewska, A., Mach, .N, Mata, X., Vaiman, A., Schibler, L, Barrey E, Gerber V. Novel equine tissue miRNAs and breed-related miRNA expressed in serum. BMC Genomics. 2016 Oct 26;17(1):831.

Pacholewska, A. Jagannathan, V., Drögemüller, M., Klukowska-Rötzler, J., Lanz, S., Hamza, E., Dermitzakis, E.T., Marti, E., Leeb, T. and Gerber, V., (2015) "Impaired Cell Cycle Regulation in a Natural Equine Model of Asthma", PLoS One. 2015 Aug 20; 10(8):e0136103. doi: 10.1371/journal.pone.0136103. eCollection 2015.

Page P., Z. Lin, N. Buawangpong, H. Zheng, F. Hu, et al. (2016) Social apoptosis in honey bee superorganisms. Scientific Reports 6: 27210.

Racine, J., Borer-Germann, S.E., Navas de Solis, C., Stoffel, M.H., Klopfenstein, M. and Klopfenstein Bregger, M.D. Treatment and ophthalmic sequelae in a horse with facial cellulitis and orbital abscess (2016) Case Report, Equine Vet Educ 1,Equine vet. Educ.,doi: 10.1111/eve.12688

Sanchez R., C. Herrera, M. Blanco, I. Rosati, J. Vlek, H. Sieme. Effect of the dose using equine frozen semen and deep horn insemination in a large scale commercial equine program. Journal of Equine Veterinary Science, Volume 43, Supplement, August 2016, Page S78

Sanchez R., C. Herrera, M. Blanco, I. Rosati, G. Lazzari, S. Colleoni, H. Sieme, C. Galli. In Vitro Production of Equine Embryos by Ovum Pick Up and Intracytoplasmic Sperm Injection in Young Mares. Journal of Equine Veterinary Science, Volume 41, June 2016, Page 77

Scheidegger, M.D., Gerber, V., Ramseyer, A, Schüpbach, Regula G., Bruckmaier, R.M., van der Kolk JH. (2016) Repeatability of the ACTH stimulation test as reflected by salivary cortisol response in healthy horses. Domest Anim Endocrinol., 57:43-7, doi.org/10.1016/j.domaniend.2016.04.002

Schweizer C., A. Ramseyer, V. Gerber, G. Christen, D. Burger, F.D. Wohlfender. Retrospektive Auswertung aller verzeichnete Rennstarts in der Schweiz über einen Zeitraum von vier Jahren: Disziplinspezifische Risikofaktoren für das Auftreten klinischer Vorkommnisse. 11. Jahrestagung Netzwerk Pferdeforschung Schweiz am 7.4.2016.

Sanchez, R., Blanco, M., Weiss, J., Rosati, I., Herrera, C., Bollwein, H., Burger, D., Sieme, H., Influence of Embryonic Size and Manipulation on Pregnancy Rates of Mares After Transfer of Cryopreserved Equine Embryos, (2016) JEVs, 49, 54–59, doi.org/10.1016/j.jevs.2016.10.004

Sielhorst, J., Hagen, Ch., Behrendt, D, Schuette, B., Burger, D., Martinsson, G, Sieme, H. (2016) Effect of Multiple Freezing of Stallion Semen on Sperm Quality and Fertility, JVES, 40, 56–61, doi.org/10.1016/j.jevs.2016.01.014

Tsevegmid, K., P. Neumann, and O. Yañez. (2016). The Honey Bee Pathosphere of Mongolia: European Viruses in Central Asia. PLoS ONE 11: e0151164.

Unger, L., Fouché, N., Leeb, T., Gerber, V. and Pacholewska, A. (2016) "Optimized Methods for Extracting Circulating Small RNAs from Long-Term Stored Equine Samples," Acta Vet Scand (2016) 58:44, DOI 10.1186/s13028-016-0224-5

Van der Kolk, J.H. Editorial: Gene editing in veterinary pathophysiology. Vet Q. 2016; 36(1):1.

Van der Kolk, J.H. (2016) Editorial: Bovine versus Bubaline. Vet Q. 2016(4); in press. doi.org/10.1080/01652176.2016.1244231

Van der Kolk, J.H. (2016) Editorial: Beyond classical endocrinology, Veterinary Quarterly, 36:2, 55-55, doi: 10.1080/01652176.2016.1178970

van der Kolk J.H., S. Thomas, N. Mach, A. Ramseyer, D. Burger, V. Gerber and J.-M. Nuoffer, Acylcarnitine profile in endurance horses with and without metabolic dysfunction ECEIM Congress 2016, Helsinki, Finland. Accepted abstract.

Van der Kolk, J.H., Fouché, N., Gross, J.J., Gerber, V., Bruckmaier, R.M. (2016) A comparison between the equine and bovine hypothalamus-pituitary-adrenocortical axis, Domestic Animal Endocrinology, 56, 101-111, doi.org/10.1016/j.domaniend.2016.02.008

van Dorland A., R. Bruckmaier, L. Wach-Gygax, E. Jeannerat, F. Janett, H. Sieme, D. Burger, (2016). Variability of antioxidant capacity of stallion semen during feed supplementation with a yeast product. Journal of Equine Veterinary Science, 43, S81-S82. Seventh International Symposium on Stallion Reproduction, 27-29 August 2016, Champaign, Illinois, USA.

Westermann C.M., L. Van den Wollenberg, H. Everts, J.H. van der Kolk, G. Counotte and D.A. van Doorn, Evaluation of a blood sucrose test for the assessment of gastric ulcers in Warmblood horses aimed at field conditions, ECEIM Congress 2016, Helsinki, Finland.

Yañez, O., L. Gauthier, P. Chantawannakul, and P. Neumann. (2016). Endosymbiotic bacteria in honey bees: Arsenophonus spp. are not transmitted transovarially. FEMS Microbiology Letters.

Yanez O., H.Q. Zheng, X.L. Su, F.L. Hu, P. Neumann, et al. (2016) Potential for virus transfer between the honey bees *Apis mellifera* and *Apis cerana*. Journal of Apicultural Research: 1-13.

Ziegler, A., Everett, H., Hamza, E., Garbani, M., Gerber, V., Marti, E., Steinbach, F., Equine dendritic cells generated with horse serum have enhanced functionality in comparison to dendritic cells generated with fetal bovine serum (2016) BMC Vet Res. 15; 12(1):254.

2017

Eyer M., B. Dainat, P. Neumann, V. Dietemann. (2017) Social regulation of ageing by young workers in the honey bee, *Apis mellifera*. Experimental Gerontology 87, Part A: 84-91.

Zbinden, R.S., Falk, M., Münger A., Dohme-Meier, F., van Dorland, H.A., Bruckmaier, R.M. Gross, J.J. 2017. Metabolic load in dairy cows kept in herbage based feeding systems and suitability of potential markers for compromised well-being. *J. Anim. Physiol. An. N.*
DOI:[10.1111/jpn.12498](https://doi.org/10.1111/jpn.12498)

Agroscope (INT) - HAFL

2014

Hofstetter P., Frey H.-J., Gazzarin C., Wyss U., Kunz P. 2014. Dairy farming: indoor v. pasture-based feeding. *Journal of Agricultural Science*. online, 1-18.

Wyss U., Reidy B. 2014. Gras- und Maissilagen aus Flachsilos aus Praxisbetrieben. *Silo-Zytig*. 102, 5-7.

Wyss U., Reidy B. 2014. Silage-Qualität wird oft überschätzt. *Die Grüne*. 22, 27-29.

Wyss U., Maurer J., Frey H., Hofstetter P. 2014. Fettsäurenmuster der Milch bei Vollweide oder TMR-Fütterung. *Mitteilungen der Arbeitsgemeinschaft Grünland und Futterbau*. 16, 49-52.

2015

Arrigo, Y., Henneberger, S., Wyss, U. 2015 : Digestibilité et dégradabilité d'ensilages protéagineux-céréales immatures. *Recherche Agronomique Suisse* 6 (4): 144–151.

Arrigo, Y., Henneberger, S., Wyss, U. 2015 : Verdaulichkeit und Abbaubarkeit von Ganzpflanzensilagen aus Getreide und Erbsen. *Agrarforschung Schweiz* 6 (4): 144–151.

Arrigo, Y., Henneberger, S., Wyss, U. 2015: Additivity of organic matter digestibility and crude protein degradability of silages of immature whole-plant cereal-legume mixtures. *Renc. Rech. Ruminants*. 22, 254.

Frese, S. (2015), Bienenhaltung in der Schweiz. Bachelorarbeit vorgelegt bei Scheeder M. and Charrière J.D., 1-88

Menzi H., Kupper T, 2015. Fütterungspraxis 2010 für Milchkühe in der Schweiz. ETH Schriftenreihe zur Tierernährung, 38, 119-120

Raaflaub M., Menzi H., 2015. Costs incurred by the reduction of the soiled surface in cattle stables and manure belt drying of layer hen manure under Swiss Frame Conditions. In Reis S., Howard C., Sutton M.A. (Eds.), *Costs of Ammonia Abatement and the Climate Co-Benefits*. Springer, 186-190

Wyss U., Hofstetter P., Reidy B. 2015. Dürrfutter- und Grassilageproben. *BauernZeitung*. 5, 2015, 23.

2016

Arrigo, Y., Henneberger, S., Wyss, U. 2016: Prédiction de la digestibilité et de la dégradabilité de mélanges de protéagineux et céréales immatures ensilées. Tagungsbericht Umdenken in der Eiweissversorgung der Nutztiere. ETH-Schriftenreihe zur Tierernährung. 110-113.

Bell M., Flechard C., Fauvel Y., Häni C., Sintermann J., Jocher M., Menzi H., Hensen A., Neftel A., 2016. Ammonia emissions from a grazed field estimated by miniDOAS measurements and inverse dispersion modelling. *Atmos. Meas. Tech. Discuss.*, doi:10.5194/amt-2016-350, 2016

Burren, A., Neuditschko, M., Signer-Hasler, H., Frischknecht, M., Reber, I., Menzi, F., Drögemöller, C., Flury, C., (2016), Genetic diversity analyses reveal first insights into breed-specific selection signatures within Swiss goat breeds, *Animal Genetics*, 16.6.2016

Menzi H., Ziegler R., Sperling P., Reidy B., Kupper T., Hofstetter P., 2016. Nitrogen-use efficiency of different forage-based dairy production systems. Delin et al. (Eds.), book of Abstracts "19th N Workshop: Efficient use of different sources of nitrogen in agriculture – from theory to practice, 175-176

Wyss U., Dettling T., Reidy B. 2016: Grassilagequalität im Berggebiet. *UFA-Revue* 5, 48-49

Wyss U., Dettling T., Reidy B. 2016: Ensilages d'herbe en montagne. *Revue UFA* 5, 48-49

Wyss U., Dettling T., Reidy B. 2016: Silagequalität im Berggebiet: eine Praxisuntersuchung *Agrarforschung Schweiz* 7(4), 188-195

Wyss U., Dettling T., Reidy B. 2016: Ensilages d'herbe de montagne: des exploitations sous la loupe. *Recherche Agronomique Suisse* 7(4), 188-195.

Wyss U., Dettling T., Reidy B. 2016. Silage qualities in the mountain area – a field survey. *Grassland Science in Europe*. 21, 260-262.

Agroscope (INT) - IAG

2016

Aeby, P., Arrigo, Y., Brülhart, P., Wyss, U. 2016 : Céréales et protéagineuses immatures ensilées en plante entière, Partie 1. Techniques culturales. Association pour le développement de la culture fourragère (ADCF), Changins, CH-1260 Nyon 1, en collaboration avec AGRIDEA – Lausanne, Jordils 1, CP 128, CH-1000 Lausanne 6.

Aeby, P., Arrigo, Y., Brülhart, P., Wyss, U. 2016 : Céréales et protéagineuses immatures ensilées en plante entière, Partie 2. Conservation. Association pour le développement de la culture fourragère (ADCF), Changins, CH-1260 Nyon 1, en collaboration avec AGRIDEA – Lausanne, Jordils 1, CP 128, CH-1000 Lausanne 6.

Aeby, P., Arrigo, Y., Brülhart, P., Wyss, U. 2016 : Céréales et protéagineuses immatures ensilées en plante entière, Partie 3. Alimentation

Association pour le développement de la culture fourragère (ADCF), Changins, CH-1260 Nyon 1, en collaboration avec AGRIDEA – Lausanne, Jordils 1, CP 128, CH-1000 Lausanne 6.

Agroscope (INT) - Inforama

2016

Zurbuchen S, Münger A. 2016. Komplexer ist nicht immer besser. *Bauernzeitung*. Online, (11. November), 28.

Zurbuchen S, Münger A. 2016. Les outils complexes ne sont pas la panacée. Agri, (18. novembre), 7

Vetsuisse – HAFL

M. Graber, S. Kohler, A. Müller, K. Burgermeister, T. Kaufmann, R.M. Bruckmaier, H.A. van Dorland: Identification of plasma and hepatic parameters related to metabolic robustness in dairy cows. *J. Anim. Physiol. Anim. Nutr.* 96 75-84 2012

H.A. van Dorland, M. Graber, S. Kohler, A. Steiner, R.M. Bruckmaier: Comparison of hepatic adaptation in extreme metabolic phenotypes observed in early lactation dairy cows on-farm. *J. Anim. Physiol. Anim. Nutr.* 98 693-703 2014