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## Short presentation

### **Possible conflict of interest:**

Collaborates with employees from different branches of Danish and Swedish animal production, Copenhagen Zoo and various animal welfare NGO's. He has received funding from amongst other sources, the Swedish Kennel Club as well as the Danish Veterinary and Food Administration.  
He has had industrial PhD's in collaboration with SEGES as well as Copenhagen zoo.

## Short presentation

Björn Forkman was trained as a biologist at Lund Univeristy, and took his PhD at Stockholm University in the area of Ethology. His interest has mainly been in the mechanisms of behaviour, especially in the areas of learning/cognition and motivation, and how these interact. During later years his research has focused more and more on animal welfare, both assessment and melioration. Since his PhD he has mainly worked in the field of applied ethology, both in Sweden at the Agricultural University, at the Roslin Institute, Edinburgh in Scotland and now at the faculty of Health Sciences - University of Copenhagen (the faculty is the former Royal Veterinary and Agricultural University of Denmark).

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Collaborates with employees from different branches of Danish animal production, Copenhagen zoo, the Swedish kennel club, and various animal welfare NGO's.  
He has had projects funded by, among others, the Swedish Kennel Club and the Danish Veterinary and Food Administration.  
He has had industrial PhD students with SEGES and Copenhagen zoo.

## Employment

### **Professor**

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## Research outputs

### **Behavior problems in dogs: An assessment of prevalence and risk factors based on responses from a representative sample of Danish owners**

Meyer, Iben, Forkman, Björn, Lund, Thomas Bøker & Sandøe, Peter, 2023, In: Journal of Veterinary Behavior. 69-70, p. 24-31 8 p.

### **Dairy cattle welfare – the relative effect of legislation, industry standards and labelled niche production in five European countries**

Sandøe, Peter, Hansen, Henning Otte, Bokkers, E. A. M., Enemark, P. S., Forkman, Björn, Haskell, M. J., Lundmark Hedman, F., Houe, Hans, Mandel, Roi, Nielsen, Søren Saxmose, de Olde, E. M., Palmer, C., Vogeler, C. S. & Christensen, Tove, 2023, In: *Animal*. 17, 12, 9 p., 101009.

#### **Identifying areas of animal welfare concern in different production stages in Danish pig herds using the Danish Animal Welfare Index (DAWIN)**

Michelsen, Anne Marie, Hakansson, Franziska, Lund, Vibe Pedersen, Kirchner, M. K., Dam Otten, Nina, Denwood, Matt, Rousing, T., Houe, Hans & Forkman, Björn, 2023, In: *Animal Welfare*. 32, e47.

#### **Perceptions of the rabbit as a low investment 'starter pet' lead to negative impacts on its welfare: Results of two Danish surveys**

Skovlund, Cecilie Ravn, Forkman, Björn, Lund, Thomas Bøker, Mistry, B. G., Nielsen, Søren Saxmose & Sandøe, Peter, 2023, In: *Animal Welfare*. 32, 13 p., e45.

#### **Qualitative Behaviour Assessment for zoo-housed polar bears (*Ursus maritimus*): Intra- and inter-day consistency and association to other indicators of welfare**

Skovlund, Cecilie Ravn, Kirchner, M. K., Contiero, B., Ellegaard, S., Manteca, X., Stelvig, M., Tallo-Parra, O. & Forkman, Björn, 2023, In: *Applied Animal Behaviour Science*. 263, 105942.

#### **Scientific and technical assistance on welfare aspects related to housing and health of cats and dogs in commercial breeding establishments**

Candiani, D., Drewe, J., Forkman, Björn, Herskin, M. S., Van Soom, A., Aboagye, G., Ashe, S., Mountricha, M., Van der Stede, Y., Fabris, C. & European Food Safety Authority (EFSA), E. F. S. A. (., 2023, In: *EFSA Journal*. 21, 9, 105 p., e08213.

#### **The Parrot–Owner Relationship and Problem Behaviors in Parrots**

Tygesen, A. & Forkman, Björn, 2023, In: *Anthrozoos*. 36, 6, p. 985-997

#### **The risks of being perceived as a threat: Creating a safe environment for visitors and their dogs in parks with free roaming cattle**

Mandel, Roi, Forkman, Björn & Buttenschøn, Rita M., 2023, Copenhagen: Department of Geosciences and Natural Resource Management, University of Copenhagen. 48 p. (IGN Report; No. February 2023).

#### **Velfærd for slagtekyllinger: hvordan går det i Danmark sammenlignet med i andre europæiske lande?**

Sandøe, Peter, Hansen, Henning Otte, Forkman, Björn & Christensen, Tove, 2023, In: *Fjerkræ*. 52, 1, p. 16-19 4 p.

#### **Hold af dyr**

Houe, Hans, Forkman, Björn, Agger, Jens Frederik Gramstrup, Nielsen, Søren Saxmose & Dam Otten, Nina, 4 Apr 2022, *Veterinær Retsmedicin*. Agger, J. F. G., Houe, H. & Otten, N. D. (eds.). 1 ed. Frederiksberg, Denmark: Biofolia

#### **Cortisol is not enough: A complex stress reaction in tethered goats**

Hydbring-Sandberg, E., von Walter, L. W. & Forkman, Björn, 2022, In: *Animal Welfare*. 31, 1, p. 91-98 8 p.

#### **Do cows need to be social to be happy?**

Forkman, Björn & Keeling, J., 2022, *Proceedings of the 55th Congress of the ISAE 2022*. p. 78

#### **Dyrevelfærdskontrol og dyrevelfærdsvurdering**

Forkman, Björn, 2022, *Veterinær Retsmedicin*. Agger, J. F. G., Houe, H. & Otten, N. D. (eds.). 1 ed. Frederiksberg, Denmark: Biofolia

#### **Market driven initiatives can improve broiler welfare: A comparison across five European countries based on the Benchmark method**

Sandøe, Peter, Hansen, Henning Otte, Forkman, Björn, van Horne, P., Houe, Hans, de Jong, I. C., Kjær, J., Nielsen, Søren Saxmose, Palmer, C., Christensen, Tove & Rhode, H. L. H., 2022, In: *Poultry Science*. 101, 5, 101806.

### **Pampered pets or poor bastards? The welfare of dogs kept as companion animals**

Meyer, Iben, Forkman, Björn, Fredholm, Merete, Glanville, C., Guldbrandtsen, Bernt, Ruiz Izaguirre, E., Palmer, C. & Sandøe, Peter, 2022, In: Applied Animal Behaviour Science. 251, 105640.

### **Application of methods to assess animal welfare and suffering caused by infectious diseases in cattle and swine populations**

Nielsen, Søren Saxmose, Houe, Hans, Denwood, Matt, Nielsen, Liza Rosenbaum, Forkman, Björn, Dam Otten, Nina & Agger, Jens Frederik Gramstrup, Nov 2021, In: Animals. 11, 11, 3017.

### **A Sustainability Compass for policy navigation to sustainable food systems**

Hebinck, A., Zurek, M., Achterbosch, T., Forkman, Björn, Kuijsten, A., Kuiper, M., Nørrung, Birgit, Veer, P. V. ' & Leip, A., 2021, In: Global Food Security. 29, 100546.

### **A critical review of animal-based welfare indicators for polar bears (Ursus maritimus) in zoos: Identification and evidence of validity: Welfare indicators for polar bears in zoos**

Skovlund, Cecilie Ravn, Kirchner, M., Wössner Moos, L., Alsted, N., Manteca, X., Tallo-Parra, O., Stelvig, M. & Forkman, Björn, 2021, In: Animal Welfare. 30, 1, p. 1-18 18 p.

### **Animal welfare benchmark – a new and feasible tool to compare outcomes of initiatives to improve farm animal welfare**

Sandøe, Peter, Hansen, Henning Otte, Palmer, C., Forkman, Björn & Christensen, Tove, 2021, *Proceedings of the 8<sup>th</sup> International Conference on the Assessment of Animal Welfare at Farm and Group level: WAFL 2021*. Wageningen Academic Publishers, p. 113 1 p.

### **Application of Methods to Assess Animal Welfare and Suffering Caused by Infectious Diseases in Cattle and Swine Populations**

Nielsen, Søren Saxmose, Houe, Hans, Denwood, Matt, Nielsen, Liza Rosenbaum, Forkman, Björn, Dam Otten, Nina & Agger, Jens Frederik Gramstrup, 2021, In: Animals. 11, p. 1-20 20 p., 3017.

### **Comparing behavioural problems in imported street dogs and domestically reared Danish dogs: The views of dog owners and veterinarians**

Munkeboe, N., Lohse-Lind, A., Sandøe, Peter, Forkman, Björn & Nielsen, Søren Saxmose, 2021, In: Animals. 11, 5, 17 p. , 1436.

### **Growth rate and behaviour in separated, partially separated or non-separated kids and the corresponding milk production of their mothers**

Högberg, M., Winblad Von Walter, L., Hydbring-Sandberg, E., Forkman, Björn & Dahlborn, K., 2021, In: Journal of Dairy Research. 88, 4, p. 381-387 7 p.

### **Lovgivning om opdræt og hold af familiehunde: hvordan ligger Danmark i forhold til andre lande?**

Meyer, Iben, Andersen, S. S., Forkman, Björn, Nielsen, Søren Saxmose & Sandøe, Peter, 2021, In: Dansk Veterinærtidsskrift. 2021, 4, p. 38-41 4 p.

### **Lovgivning om opdræt og hold af familiehunde: hvordan ligger Danmark i forhold til andre lande?**

Meyer, Iben, Andersen, S. S., Forkman, Björn, Nielsen, Søren Saxmose & Sandøe, Peter, 2021, In: Hunden. 131, 6, p. 48-56 9 p.

### **Lovgivning om opdræt og hold af familiehunde på tværs af 11 lande**

Meyer, Iben, Andersen, S. S., Forkman, Björn, Nielsen, Søren Saxmose & Sandøe, Peter, 2021, Dansk Veterinærtidsskrift.

### **Pampered pets or poor bastards? Welfare of dogs kept as companion animals**

Sandøe, Peter, Forkman, Björn, Ruiz-Izaguirre, E., Meyer, Iben & Palmer, C., 2021, *Canine Science Forum: Proceedings*. Mills, D. S., Matos, R. & Jacinto, D. (eds.). PsiAnimal, p. 24 1 p.

### **Quantifying the impact of infectious diseases on animal welfare**

Dam Otten, Nina, Agger, Jens Frederik Gramstrup, Denwood, Matt, Nielsen, Søren Saxmose, Nielsen, Liza Rosenbaum, Forkman, Björn & Houe, Hans, 2021, *Proceedings of the 8th International Conference on the Assessment of Animal Welfare at Farm and Group level*. Wageningen Academic Publishers, p. 132

### **Regulating companion dog welfare: A comparative study of legal frameworks in western countries**

Andersen, S. S., Meyer, Iben, Forkman, Björn, Nielsen, Søren Saxmose & Sandøe, Peter, 2021, In: *Animals*. 11, 6, 13 p., 1660.

### **Tabeller over lovgivning vedrørende opdræt og hold af familiehunde på tværs af 11 lande**

Meyer, Iben, Andersen, S. S., Forkman, Björn, Nielsen, Søren Saxmose & Sandøe, Peter, 2021, Institut for Fødevarer- og Ressourceøkonomi, Københavns Universitet. 68 p. (IFRO Dokumentation; No. 2021/3).

### **The effect of mother goat presence during rearing on kids' response to isolation and to an arena test**

von Walter, L. W., Forkman, Björn, Högberg, M. & Hydbring-sandberg, E., 2021, In: *Animals*. 11, 2, p. 1-15 15 p., 575.

### **Towards a Positive Welfare Protocol for Cattle: A Critical Review of Indicators and Suggestion of How We Might Proceed**

Keeling, L. J., Winckler, C., Hintze, S. & Forkman, Björn, 2021, In: *Frontiers in Animal Science*. 2, 19 p., 753080.

### **Welfare assessment of pigs**

Forkman, Björn, 2021, *Understanding the behaviour and improving the welfare of pigs*. Edwards, S. (ed.). Burleigh Dodds Science Publishing

### **A longitudinal study of pre- and post-weaning tail damage in non-docked pigs**

Hakansson, Franziska, Lahrmann, H. P. & Forkman, Björn, 2020, In: *Animal*. 14, 10, p. 2159-2166

### **A weak point analysis of welfare in Danish dairy herds using two different welfare assessment systems**

Dam Otten, Nina, Rousing, T., Oliveira, V. H. S. D., reiten, M., Michelsen, Anne Marie, Hakansson, Franziska, Lund, Vibe Pedersen, Houe, Hans, Denwood, Matt, Sørensen, J. T., Forkman, Björn & Kirchner, M., 2020, In: *Animal Welfare*. 29, p. 197-207 11 p.

### **Animal Learning: The science behind animal training**

Sørensen, Dorte Bratbo, Pedersen, A. & Forkman, Björn, 2020, *Animal-centric Care and Management: Enhancing Refinement in Biomedical Research*. 1 ed. CRC Press

### **Benchmarking farm animal welfare: A novel tool for cross-country comparison applied to pig production and pork consumption**

Sandøe, Peter, Hansen, Henning Otte, Rhode, H. L. H., Houe, Hans, Palmer, C., Forkman, Björn & Christensen, Tove, 2020, In: *Animals*. 10, 6, 18 p., 955.

### **Dairy cows with mild-moderate mastitis change lying behavior in hospital pens**

Herskin, M. S., Fogsgaard, K. K., Thomsen, P. T., Houe, Hans, Forkman, Björn & Jensen, M. B., 2020, In: *Translational Animal Science*. 4, 2, 5 p., txaa038.

### **Effect of pen design on tail biting and tail-directed behaviour of finishing pigs with intact tails**

Brandt, Pia, Hakansson, Franziska, Jensen, T., Nielsen, M. B. F., Lahrmann, H. P., Hansen, C. F. & Forkman, Björn, 2020, In: *Animal*. 14, 5, p. 1034-1042

### **Effect of straw amount on feed intake and weight gain in growing pigs housed in pens with partly slatted floor**

Jensen, M. B., Herskin, M. S., Canibe, N., Forkman, Björn & Pedersen, L. J., 2020, In: *Animal*. 14, 8, p. 1659-1666

### **Effects of environmental enrichment on health and bone characteristics of fast growing broiler chickens**

Pedersen, I. J., Tahamtani, F. M., Forkman, Björn, Young, J. F., Poulsen, H. D. & Riber, A. B., 2020, In: *Poultry Science*. 99, 4, p. 1946-1955 10 p.

**Negative attitudes of Danish dairy farmers to their livestock correlates negatively with animal welfare**

Andreasen, S. N., Sandøe, Peter, Waiblinger, S. & Forkman, Björn, 2020, In: *Animal Welfare*. 29, 1, p. 89-98 10 p.

**Sammenligning af velfærd hos grise på tværs af lande – hvordan gør vi det?**

Sandøe, Peter, Hansen, Henning Otte, Kjær, J., Rhode, H. L. H., Houe, Hans, Palmer, C., Forkman, Björn & Christensen, Tove, 2020, *Styrkelse af grisenes velfærd gennem markedsdrevne initiativer: Formidling af resultater fra to forskningsprojekter*. Christensen, T. & Sandøe, P. (eds.). Institut for Fødevarer- og Ressourceøkonomi, Københavns Universitet, p. 97-106 10 p.

**The effect of age when group housed and other management factors on playing and non-nutritive sucking behaviour in dairy calves: a cross sectional observational study**

Reipurth, M., Klausen, S. K., Denwood, Matt, Forkman, Björn & Houe, Hans, 2020, In: *Acta Veterinaria Scandinavica*. 62, 1, 63.

**Aggregating animal welfare indicators: can it be done in a transparent and ethically robust way?**

Sandøe, Peter, Corr, S. A., Lund, Thomas Bøker & Forkman, Björn, Feb 2019, In: *Animal Welfare*. 28, 1, p. 67-76 10 p.

**Benchmarking farm animal welfare: ethical considerations when developing a tool for cross-country comparison**

Sandøe, Peter, Hansen, Henning Otte, Kristensen, H. H., Christensen, Tove, Houe, Hans & Forkman, Björn, 2019, *Sustainable governance and management of food systems: Ethical perspectives*. Vinnari, E. & Vinnari, M. (eds.). Wageningen Academic Publishers, p. 65-70 6 p.

**Impact of selected infectious diseases on animal welfare: a review in progress**

Agger, Jens Frederik Gramstrup, Nielsen, Søren Saxmose, Dam Otten, Nina, Denwood, Matt, Forkman, Björn, Nielsen, Liza Rosenbaum & Houe, Hans, 2019. 1 p.

**Improving leg health in broiler chickens: A systematic review of the effect of environmental enrichment**

Pedersen, I. J. & Forkman, Björn, 2019, In: *Animal Welfare*. 28, 2, p. 215-230 16 p.

**The Effect of Straw, Rope, and Bite-Rite Treatment in Weaner Pens with a Tail Biting Outbreak**

Lahrman, H. P., Fastrup, J. F., Hansen, C. F., D'Eath, R. B., Nielsen, Jens Peter & Forkman, Björn, 2019, In: *Animals*. 9, 6, 365.

**Evaluation of systematic California Mastitis Tests and vaginal examinations as measures of antimicrobial use in dairy herds**

Krogh, M. A., Forkman, Björn, Østergaard, S., Houe, Hans & Sørensen, J. T., 1 Oct 2018, In: *The Veterinary Journal*. 240, p. 37-39

**Pen-level risk factors associated with tail lesions in Danish weaner pigs: a cross-sectional study**

Hakansson, Franziska, Michelsen, Anne Marie, Lund, Vibe Pedersen, Kirchner, M., Dam Otten, Nina, Denwood, Matt & Forkman, Björn, Aug 2018, *Proceedings of the 52nd Congress of the International Society of Applied Ethology*. p. 211 1 p.

**Mortality, diarrhea and respiratory disease in Danish dairy heifer calves: Effect of production system and season**

Reiten, M., Rousing, T., Thomsen, P. T., Dam Otten, Nina, Forkman, Björn, Houe, Hans, Sørensen, J. T. & Kirchner, M. K., Jul 2018, In: *Preventive Veterinary Medicine*. 155, p. 21-26 6 p.

**8:45 The effect of enrichment on broiler leg health: a systematic review**

Pedersen, I. J. & Forkman, Björn, 2018, *Book of abstracts*. p. 401 1 p.

**A cafeteria diet alters the decision making strategy and metabolic markers in Sprague-Dawley male rats**

Virtuoso, Alessandro, Forkman, Björn, Sarruf, D. A., Tveden-Nyborg, Pernille & Sørensen, Dorte Bratbo, 2018, In: *Applied Animal Behaviour Science*. 199, p. 35-44 10 p.

**Early intervention with enrichment can prevent tail biting outbreaks in weaner pigs**

Lahrman, H. P., Hansen, C. F., D'Eath, R. B., Busch, M. E., Nielsen, Jens Peter & Forkman, Björn, 2018, In: *Livestock Science*. 214, p. 272-277 6 p.

**Roaming companion cats as potential causes of conflict and controversy: A representative questionnaire study of the Danish public**

Sandøe, Peter, Nørspang, A. P., Kondrup, Sara Vincentzen, Bjørnvad, Charlotte Reinhard, Forkman, Björn & Lund, Thomas Bøker, 2018, In: *Anthrozoos*. 31, 4, p. 459-473 15 p.

**Tail posture predicts tail biting outbreaks at pen level in weaner pigs**

Lahrman, H. P., Hansen, C. F., D'Eath, R., Busch, M. E. & Forkman, Björn, 2018, In: *Applied Animal Behaviour Science*. 29-35

**The effect of the Danish dangerous dog act on the level of dog aggression in Denmark**

Forkman, Björn & Meyer, I. C., 2018, *Proceedings of the 52nd Congress of the International Society for Applied Ethology*. Vol. 1. p. 127 1 p.

**The relationship between animal welfare and economic performance at farm level: a quantitative study of Danish pig producers**

Henningsen, Arne, Czekaj, T. G., Forkman, Björn, Lund, M. & Nielsen, A. S., 2018, In: *Journal of Agricultural Economics*. 69, 1, p. 142-162 21 p.

**Selection of Meat Inspection Data for an Animal Welfare Index in Cattle and Pigs in Denmark**

Nielsen, Søren Saxmose, Denwood, Matt, Forkman, Björn & Houe, Hans, 6 Dec 2017, In: *Animals - Open Access Journal*. 7, 2, 20 p., 94.

**Should the contribution of one additional lame cow depend on how many other cows on the farm are lame?**

Sandøe, Peter, Forkman, Björn, Hakansson, Franziska, Andreasen, S. N., Nøhr, R., Denwood, Matt & Lund, Thomas Bøker, Dec 2017, In: *Animals*. 7, 12, 13 p., 96.

**Influence of professional affiliation on expert's view on welfare measures**

Dam Otten, Nina, Rousing, T. & Forkman, Björn, Nov 2017, In: *Animals*. 7, 11, 10 p., 85.

**To what extent do experts agree? A study of perceived validity of animal welfare indicators**

Sandøe, Peter, Forkman, Björn, Nøhr, R., Denwood, Matt & Lund, Thomas Bøker, Jun 2017, *Measuring Animal Welfare and Applying Scientific Advances: Why Is It Still So Difficult?*. Wheathampstead, UK: Universities Federation for Animal Welfare, p. 32 1 p.

**Disease behaviours of sows naturally infected with *Taenia solium* in Tanzania**

Trevisan, C., Johansen, M. V., Mkupasi, E. M., Ngowi, H. & Forkman, Björn, 15 Feb 2017, In: *Veterinary Parasitology*. 235, p. 69-74 6 p.

**Animal welfare in Danish pig herds**

Forkman, Björn, Dam Otten, Nina, Reiten, M., Michelsen, Anne Marie, Hakansson, Franziska, Lund, Vibe Pedersen, Kirchner, M., Denwood, Matt, Rousing, T., Houe, Hans & Sørensen, J. T., 2017, *Proceedings of the 7th international conference on the assessment of animal welfare at farm and group level*. Wageningen Academic Publishers, p. 193 1 p.

**Assessing stress in dogs during a visit to the veterinary clinic: Correlations between dog behavior in standardized tests and assessments by veterinary staff and owners**

Lind, A., Hydbring-Sandberg, E., Forkman, Björn & Keeling, L. J., 2017, In: *Journal of Veterinary Behavior - Clinical Applications and Research*. 17, p. 24-31 8 p.

**Both feather peckers and victims are more asymmetrical than control hens**

Tahamtani, F. M., Forkman, Björn, Hinrichsen, L. K. & Riber, A. B., 2017, In: *Applied Animal Behaviour Science*. 195, p. 67-71

**Domesticeringens byrde: resultater fra et repræsentativt studie af velfærden hos privatejede katte i Danmark**

Sandøe, Peter, Nørspang, A. P., Forkman, Björn, Bjørnvad, Charlotte Reinhard, Kondrup, Sara Vincentzen & Lund, Thomas Bøker, 2017, In: Dansk Veterinaertidsskrift. 2017, 03, p. 20-27 8 p.

**Dyrevelfærd og reduceret dødelighed**

Houe, Hans & Forkman, Björn, 2017. 2 p.

**Effect of oral meloxicam in loose-housed farrowing sows**

Michelsen, Anne Marie, Hakansson, Franziska, Denwood, Matt & Forkman, Björn, 2017. 1 p.

**Hundens evner og adfærd i forbindelse med sporarbejde: evnen til at følge et bestemt individ**

Meyer, Iben & Forkman, Björn, 2017, Københavns Universitet. 28 p.

**Hundens evner og adfærd i forbindelse med sporarbejde: betydningen af indlæringsmetoder og personlighedsfaktorer**

Meyer, Iben, Calberg, M. & Forkman, Björn, 2017

**Identification of areas with poor welfare in Danish dairy herds**

Dam Otten, Nina, Silva de Oliveira, V. H., Reiten, M., Michelsen, Anne Marie, Hakansson, Franziska, Lund, Vibe Pedersen, Kirchner, M., Denwood, Matt, Rousing, T., Forkman, Björn, Houe, Hans & Sørensen, J. T., 2017. 1 p.

**Investing in cow-welfare - a cost-effective initiative?**

Kudahl, A. B., Kirchner, M., Denwood, Matt, Houe, Hans, Forkman, Björn, Nielsen, Søren Saxmose, Østergaard, S. & Sørensen, J. T., 2017, *Joint DCAW and NordCAW : Animal Welfare Conference* . p. 12 1 p.

**More tail lesions among undocked than tail docked pigs in a conventional herd**

Lahrman, H. P., Busch, M. E., D'Eath, R. B., Forkman, Björn & Hansen, C. F., 2017, In: *Animal*. 11, 10, p. 1825-1831 7 p.

**Occurrence of lameness during a 6-month period in four Danish dairy herds**

Gleerup, K. C. B., Houe, Hans, Forkman, Björn, Herskin, M. S. & Thomsen, P. T., 2017, *Proceedings of the 7th International Conference of the assessment of animal welfare at farm and group level*. Wageningen Academic Publishers, p. 52

**Risk factors Associated with skin and vulva lesions in loose-housed gestating sows and gilts in Denmark**

Lund, Vibe Pedersen, Michelsen, Anne Marie, Hakansson, Franziska, Kirchner, M., Dam Otten, Nina, Denwood, Matt & Forkman, Björn, 2017. 1 p.

**Risk factors associated with skin and vulva lesions in Danish loose-housed gestating sows and gilts**

Lund, Vibe Pedersen, Michelsen, Anne Marie, Hakansson, Franziska, Kirchner, M., Dam Otten, Nina, Denwood, Matt & Forkman, Björn, 2017, *Proceedings of the 7th International Conference on the Assessment of Animal Welfare at Farm and Group Level*. Wageningen Academic Publishers, p. 139 1 p.

**Should the contribution of one more lame cow depend on how many other cows on the farm are lame?**

Sandøe, Peter, Lund, Thomas Bøker, Forkman, Björn & Denwood, Matt, 2017, *WAFL 2017: Proceedings of the 7th International Conference on the Assessment of Animal Welfare at Farm and Group Level*. De Jong, I. C. & Koene, P. (eds.). p. 103 1 p.

**The burden of domestication: a representative study of welfare in privately owned cats in Denmark**

Sandøe, Peter, Nørspang, A. P., Forkman, Björn, Bjørnvad, Charlotte Reinhard, Kondrup, Sara Vincentzen & Lund, Thomas Bøker, 2017, In: *Animal Welfare*. 26, 1, p. 1-10 10 p.

**Why do people buy dogs with potential welfare problems related to extreme conformation and inherited disease? A representative study of Danish owners of four small dog breeds**

Sandøe, Peter, Kondrup, Sara Vincentzen, Bennett, P. C., Forkman, Björn, Meyer, Iben, Proschowsky, Helle Friis, Serpell, J. A. & Lund, Thomas Bøker, 2017, In: *P L o S One*. 12, 2, 25 p., e0172091.

**Systematic review of on-farm factors affecting leg health in broilers**

Pedersen, I. J. & Forkman, Björn, 12 Jul 2016, *Proceedings of the 50th Congress of the International Society for Applied Ethology 12-15th July, 2016, Edinburgh, United Kingdom: Standing on the shoulders of giants*. Dwyer, C., Haskell, M. & Sandilands, V. (eds.). Wageningen Academic Publishers, p. 135 1 p.

**Cats as potential causes of conflict and controversy: report from a representative questionnaire study of Danes and their relations to cats**

Sandøe, Peter, Nørspang, A. P., Lund, Thomas Bøker, Bjørnvad, Charlotte Reinhard & Forkman, Björn, Jul 2016, *ISAZ 2016 Proceedings: Exploring Human-Animal Interactions: a multidisciplinary approach from behavioral and social sciences*. p. 28 1 p.

**Characterising fear in dogs**

Forkman, Björn, Jul 2016, *Proceeding of the 50th Congress of the International Society for Applied Ethology*. p. 181 1 p.

**Puppy and adult dog personality**

Forkman, Björn, Fält, L., Larsson, I. & Olsson, A., Jun 2016, *Proceedings of the 5th Canine Science Forum*. 1 ed. Padova, Vol. 1. p. 124 1 p.

**Risk Factors associated with Dead-on-Arrival Broilers in Denmark**

Lund, Vibe Pedersen, Nielsen, Liza Rosenbaum & Forkman, Björn, Jun 2016, *Proceedings of the UFAW Animal Welfare Conference 2016, Recent advances in animal welfare science V*. p. 10 1 p.

**Why do people like small dogs with extreme phenotypes? A representative study of Danish owners of four dog breeds**

Sandøe, Peter, Bennett, P. C., Forkman, Björn, Kondrup, Sara Vincentzen, Lund, Thomas Bøker, Meyer, Iben, Proschowsky, Helle Friis & Serpell, J. A., Jun 2016, *Proceedings of the 5th Canine Science Forum*. Padova University Press, p. 29 1 p.

**Severe seizures in pigs naturally infected with *Taenia solium* in Tanzania**

Trevisan, C., Mkupasi, E. M., Ngowi, H. A., Forkman, Björn & Johansen, M. V., 15 Apr 2016, In: *Veterinary Parasitology*. 220, p. 67 - 71 5 p.

**Training success in group-housed long-tailed macaques (*Macaca fascicularis*) is better explained by personality than by social rank**

Wergård, E., Westlund, K., Spångberg, M., Fredlund, H. & Forkman, Björn, Apr 2016, In: *Applied Animal Behaviour Science*. 177, p. 52-58 7 p.

**Predicting high risk of mortality during transportation of Danish broiler flocks**

Lund, Vibe Pedersen, Nielsen, Liza Rosenbaum & Forkman, Björn, Mar 2016. 1 p.

**Samband mellan storlek och beteende**

Forkman, Björn, Mar 2016, In: *Hundsport*. 3, p. 44-45 2 p.

**Associations between domestic-dog morphology and behaviour scores in the Dog Mentality Assessment**

Stone, H. R., McGreevy, P. D., Starling, M. J. & Forkman, Björn, 26 Feb 2016, In: *P L o S One*. 11, 2, 14 p., e0149403.

**Antibiotic consumption in dairy herds is reflecting decisions rather than health.**

Krogh, M. A., Sørensen, J. T., Østergaard, S., Houe, Hans & Forkman, Björn, 2016. 1 p.

**Availability and use of designated hospital pens in Danish dairy herds**

Houe, Hans, Thomsen, P. T., Williams, Charlotte Amdi, Herskin, M. S., Forkman, Björn & Jensen, M. B., 2016, In: *Animal Welfare*. 25, 1, p. 69-71 3 p.



**Brugboxen - betydning af brug af sygeboks til køer med yverbetændelse for dyrenes raskmelding, velfærd og produktion**  
Fogsgaard, K. K., Thomsen, P. T., Jensen, M. B., Herskin, M. S., Klaas, I. C., Houe, Hans & Forkman, Björn, 2016. 1 p.

**Danskere og katte: resultater fra en repræsentativ spørgeskemaundersøgelse**

Sandøe, Peter, Bjørnvad, Charlotte Reinhard, Forkman, Björn, Nørspang, A. P. & Lund, Thomas Bøker, 2016, In: Dansk Veterinærtidsskrift. 99, 05, p. 10-15 6 p.

**Halhedensdynamik i 4 danske malkekvægsbesætninger**

Gleerup, K. C. B., Houe, Hans, Forkman, Björn, Herskin, M. S. & Thomsen, P. T., 2016. 1 p.

**How do different kinds of animal experts view and weigh animal welfare indicators?**

Nøhr, R., Lund, Thomas Bøker, Forkman, Björn & Sandøe, Peter, 2016, Department of Food and Resource Economics, University of Copenhagen. 48 p. (IFRO Report; No. 244).

**Identification of Problem Areas for poor Animal Welfare State in Danish Dairy Cow Herds: an update**

Kirchner, M., Denwood, Matt, Forkman, Björn, Hakansson, Franziska, Houe, Hans, Kudahl, A. B., Michelsen, Anne Marie, Dam Otten, Nina, Lund, Vibe Pedersen, Rousing, T. & Sørensen, J. T., 2016. 1 p.

**Identification of risk factors and cost effective interventions for promoting animal welfare in Danish dairy herds**

Kudahl, A. B., Sørensen, J. T., Østergaard, S., Kirchner, M., Denwood, Matt, Forkman, Björn, Nielsen, Søren Saxmose & Houe, Hans, 2016. 1 p.

**Impact of playing classical music and scratching on avoidance distance in loose housed farrowing sows**

Moustsen, V. A., Johanson, K. P., Forkman, Björn, Nielsen, M. B. F. & Andreasen, S. N., 2016, *Proceedings of the 50th Congress of the International Society for Applied Ethology*. Vol. 1. p. 276 1 p.

**Impact of the amount of straw provided to pigs kept in intensive production conditions on the occurrence and severity of gastric ulceration at slaughter**

Herskin, M. S., Jensen, Henrik Elvang, Jespersen, A., Forkman, Björn, Jensen, M. B., Canibe, N. & Pedersen, L. J., 2016, In: *Research in Veterinary Science*. 104, p. 200-206 7 p.

**Kalvevelfærd i økologiske malkekvægsbesætninger – med reference til konventionelle besætninger**

Reiten, M., Sørensen, J. T., Rousing, T., Dam Otten, Nina, Houe, Hans, Forkman, Björn & Kirchner, M., 2016. 1 p.

**Lavere pattegrisdødelighed ved smertelindring af løse, farende søer**

Michelsen, Anne Marie, Hakansson, Franziska, Denwood, Matt & Forkman, Björn, 2016. 1 p.

**Tail biting: prevalence among docked and undocked pigs from weaning to slaughter**

Lahrman, H. J. P., Busch, M. E., D'eath, R., Forkman, Björn & Hansen, C. F., 2016, *Proceedings of the 50th Congress of the International Society for Applied Ethology: Standing on the Shoulders of Giants*. Dwyer, C., Haskell, M. & Sandilands, V. (eds.). Wageningen Academic Publishers, p. 233 1 p.

**The burden of domestication: a representative study of behaviour and health problems of privately owned cats in Denmark**

Sandøe, Peter, Nørspang, A. P., Lund, Thomas Bøker, Bjørnvad, Charlotte Reinhard & Forkman, Björn, 2016, *ISAE2016 Proceedings of the 50th Congress of the International Society for Applied Ethology: Standing on the shoulders of giants*. Dwyer, C., Haskell, M. & Sandilands, V. (eds.). Wageningen: Wageningen Academic Publishers, p. 301 1 p.

**The construction of a Danish National Animal Welfare Index.**

Forkman, Björn, Holm, L., Sørensen, J. T., Rousing, T., Kirchner, M., Dam Otten, Nina, Michelsen, Anne Marie, Lund, Vibe Pedersen, Hakansson, Franziska, Denwood, Matt & Houe, Hans, 2016. 1 p.

**The relationship between animal welfare and economic performance at farm level: a quantitative study of Danish pig producers**

Henningsen, Arne, Czekaj, T. G., Forkman, Björn, Lund, M. & Nielsen, A. S., 2016, Frederiksberg: Department of Food and Resource Economics, University of Copenhagen, 30 p. (IFRO Working Paper; No. 2016/05).

**Understanding the needs of compromised cows - can they benefit from a stay in a hospital pens?**

Fogsgaard, K. K., Thomsen, P. T., Jensen, M. B., Raundal, P. M., Klaas, I. C., Forkman, Björn, Houe, Hans & Herskin, M. S., 2016. 2 p.

**Understanding the needs of compromised cows - can they benefit from a stay in a hospital pens?**

Fogsgaard, K. K., Thomsen, P. T., Jensen, M. B., Raundal, P. M., Klaas, I. C., Forkman, Björn, Houe, Hans & Herskin, M. S., 2016. 1 p.

**Understanding the needs of compromised cows – can they benefit from a stay in a hospital pen?**

Fogsgaard, K. K., Thomsen, P. T., Jensen, M. B., Raundal, P., Klaas, I. C., Forkman, Björn, Houe, Hans & Herskin, M. S., 2016. 1 p.

**Vurdering af dyrs transportegnethed**

Herskin, M. S., Dahl-Pedersen, Kirstin, Denwood, Matt, Fogsgaard, K. K., Forkman, Björn, Gaillard, C., Houe, Hans, Lund, Vibe Pedersen, Nielsen, Liza Rosenbaum, Dam Otten, Nina, Thodberg, K. & Thomsen, P. T., 2016, DCA - Nationalt Center for Jordbrug og Fødevarer. 122 p.

**Årsrapport 2016: Videncenter for Dyrevelfærd**

Houe, Hans (ed.) & Forkman, Björn (ed.), 2016, Institut for Produktionsdyr og Heste, Københavns Universitet. 9 p.

**Pain evaluation in dairy cattle**

Gleerup, K. C. B., Andersen, P. H., Munksgaard, L. & Forkman, Björn, Oct 2015, In: Applied Animal Behaviour Science. 171, p. 25-32 8 p.

**The social dog. Behaviour and cognition, J. Kaminski, S. Marshall-Pescini (Eds.): Academic Press, London (2014), ISBN: 978-0-12-407818-5**

Forkman, Björn, Oct 2015, In: Applied Animal Behaviour Science. 172, p. 63 1 p.

**Use of register data to assess animal welfare**

Houe, Hans, Nielsen, Søren Saxmose, Denwood, Matt, Rousing, T., Sørensen, J. T. & Forkman, Björn, Apr 2015, *Improving Pig Welfare - what are the ways forward?: International conference on pig welfare*. Ministeriet for Fødevarer, Landbrug og Fiskeri, p. 42-45 4 p.

**Random effect selection in generalised linear models: a practical application to slaughterhouse surveillance data in Denmark**

Denwood, Matt, Houe, Hans, Forkman, Björn & Nielsen, Søren Saxmose, 26 Mar 2015. 11 p.

**A case-control behavioural study to determine the welfare burden of pigs naturally infected with *Taenia solium* in Tanzania.**

Trevisan, C., Mkupasi, E. M., Ngowi, H., Forkman, Björn & Johansen, M. V., 28 Jan 2015.

**An equine pain face**

Gleerup, K. C. B., Forkman, Björn, Lindegaard, C. & Andersen, P. H., 2015, In: Veterinary Anaesthesia and Analgesia. 42, 1, p. 103-114 12 p.

**Development of a national animal welfare index**

Forkman, Björn, Sørensen, J. T., Houe, Hans, Rousing, T., Kirchner, M. & Michelsen, Anne Marie, 2015, *Proceedings: International conference on pig welfare: Improving pig welfare - what are the ways forward?*. Copenhagen: Ministeriet for Fødevarer, Landbrug og Fiskeri, p. 46-48 3 p.

**Effect of increasing amounts of straw on pigs' explorative behaviour**

Jensen, M. B., Herskin, M. S., Forkman, Björn & Pedersen, L. J., 2015, In: Applied Animal Behaviour Science. 171, p. 58-63 6 p.

### **Et samlet mål for dyrevelfærd?**

Sandøe, Peter, Andreasen, S. N., Forkman, Björn, Houe, Hans & Jensen, Karsten Klint, 2015, In: Dyrslægen; fagmagasin for dyrlæger, veterinærstuderende og veterinærsygeplejersker. 8, 1, p. 44-50 7 p.

### **Et samlet mål for dyrevelfærd?**

Sandøe, Peter, Andreasen, S. N., Forkman, Björn, Houe, Hans & Jensen, Karsten Klint, 2015, In: Bovilogisk. 29, 5, p. 30-35 6 p.

### **Evaluation of register data for assessment of animal welfare in cattle and pig herds using a combination of qualitative and quantitative methods**

Houe, Hans, Nielsen, Søren Saxmose, Denwood, Matt, Dam Otten, Nina, Rousing, T., Sørensen, J. T. & Forkman, Björn, 2015, *Proceedings of the 14th International Symposium on Veterinary Epidemiology and Economics*. 1 p. 379

### **Hvordan har danske svin det?**

Forkman, Björn, Houe, Hans, Sørensen, J. T. & Rousing, T., 2015, In: Svineproducenten. 2, p. 22-23 2 p.

### **Pre-test habituation improves the reliability of a handheld test of mechanical nociceptive threshold in dairy cows**

Raundal, P. M., Andersen, P. H., Toft, N., Herskin, M. S., Forkman, Björn, Munksgaard, L., de Passillé, A. M. & Rushen, J., 2015, In: *Research in Veterinary Science*. 120, p. 189-195 7 p.

### **Preferences of lame cows for type of surface and level of social contact in hospital pens**

Jensen, M. B., Herskin, M. S., Thomsen, P. T., Forkman, Björn & Houe, Hans, 2015, In: *Journal of Dairy Science*. 98, 7, p. 4552-4559 8 p.

### **Severe seizures in pigs naturally infected with *Taenia solium***

Trevisan, C., Mkupasi, E. M., Ngowi, H., Forkman, Björn & Johansen, M. V., 2015. 30 p.

### **The aggregation procedure of welfare measures - a comparison between the Danish Animal Welfare Index and the Welfare Quality System**

Kirchner, M., Forkman, Björn, Denwood, Matt, Nielsen, Søren Saxmose, Dam Otten, Nina, Rousing, T., Sørensen, J. T. & Houe, Hans, 2015. 1 p.

### **Training pair-housed Rhesus macaques (*Macaca mulatta*) using a combination of negative and positive reinforcement**

Wergård, E., Temrin, H., Forkman, Björn, Spångberg, M., Fredlund, H. & Westlund, K., 2015, In: *Behavioural Processes*. 113, p. 51-59 9 p.

### **Årsrapport 2014-2015 - Videnscenter for Dyrevelfærd**

Houe, Hans & Forkman, Björn, 2015, Frederiksberg : Institut for Produktionsdyr og Heste, Københavns Universitet. 10 p.

### **Nonverbal Communication and Human–Dog Interaction**

Meyer, Iben & Forkman, Björn, Dec 2014, In: *Anthrozoos*. 27, 4, p. 553-568 16 p.

### **Anvendelse af sygebokse og kvantificering af halte køers præferencer**

Jensen, M. B., Houe, Hans, Herskin, M. S., Thomsen, P. T., Williams, Charlotte Amdi & Forkman, Björn, 20 Nov 2014. 1 p.

### **Potentialet for anvendelse af kliniske registreringer i kvægbesætninger til dynamisk velfærdsovervågning**

Krogh, M. A., Sørensen, J. T., Østergaard, S., Houe, Hans & Forkman, Björn, 20 Nov 2014. 1 p.

### **Assesing animal welfare in dairy calves: at herd level and across age groups**

reiten, M., Rousing, T., Dam Otten, Nina, Houe, Hans, Forkman, Björn & Sørensen, J. T., Sep 2014. 1 p.

### **Describing animal welfare: the importance of the index model**

Lawson, G. L., Forkman, Björn & Houe, Hans, Sep 2014. 1 p.

### **Developing Danish welfare indexes for cattle and swine**

Schrøder-Petersen, D. L., Nielsen, A. C., Forkman, Björn, Houe, Hans, Feldtstedt, H., Lawson, G. L., Sørensen, J. T., Tønner, L., Dam Otten, Nina, Andreasen, S. N., Jensen, T. B. & Rousing, T., Sep 2014. 1 p.

### **The use of hospital pens in Danish dairy production**

Williams, Charlotte Amdi, Jensen, M. B., Herskin, M. S., Thomsen, P. T., Forkman, Björn & Houe, Hans, Sep 2014. 1 p.

### **Facial expressions as a tool for pain recognition in horses**

Gleerup, K. C. B., Forkman, Björn, Lindegaard, Casper & Andersen, P. H., 4 Aug 2014.

### **The equine pain face**

Gleerup, K. C. B., Forkman, Björn, Lindegaard, Casper & Andersen, P. H., 29 Jul 2014.

### **The multiple aspects of aggression - a questionnaire study of aggression towards dogs and humans**

Forkman, Björn & Meyer, Iben, Jul 2014, *1st Feline Science Forum, 4th Canine Science Forum, Companion animals & human health and disease*. Mills, D. S., Griffin, K., Hewison, L., Finka, L., Brady, K. & Sriphavatsarakom, P. (eds.). University of Lincoln, p. 228 1 p.

### **A pain scoring protocol for dairy cattle**

Gleerup, K. C. B., Andersen, P. H., Munksgaard, L. & Forkman, Björn, 2014, *Proceedings of the 6th International Conference on the Assessment of Animal Welfare at Farm and Group Level*. Wageningen Academic Publishers, p. 45 1 p.

### **Analyse af sammenhænge mellem anvendelse af sygebokse og demografiske og sundhedsmæssige forhold i danske malkekvægbesætninger: delafrapportering for projektet: Anvendelse af sygebokse og kvantificering af halte køers behov i relation til velfærd, Videncenter for Dyrevelfærd**

Houe, Hans, Forkman, Björn, Williams, Charlotte Amdi, Jensen, M. B., Herskin, M. S. & Thomsen, P. T., 2014, 9 p.

### **Animal welfare index – why and how?**

Houe, Hans & Forkman, Björn, 2014, *Proceedings of the Annual Scientific Conference and the Annual General Meeting of the European College of Veterinary Public Health*. Nielsen, S. S. (ed.). p. 25 1 p.

### **Avl for forbedret velfærd hos racehunde**

Meyer, Iben, Forkman, Björn, Fredholm, Merete, Knudsen, V., Lund, Thomas Bøker, Nissen, Merete Holst, Proschowsky, Helle Friis & Sandøe, Peter, 2014.

### **Can animal-based welfare assessment be simplified? a comparison of the Welfare Quality® protocol for dairy cattle and the simpler and less timeconsuming protocol developed by the Danish Cattle Federation**

Andreasen, S. N., Sandøe, Peter & Forkman, Björn, 2014, In: *Animal Welfare*. 23, 1, p. 81-94 14 p.

### **Danish animal welfare index for dairy cattle and calves**

Andreasen, S. N., Michelsen, Anne Marie, Kirchner, M. & Forkman, Björn, 2014, *Proceedings of the First Dairy care conference 2014*. Knight, C. (ed.). p. 13 1 p.

### **Dog and owner characteristics affecting the dog-owner relationship**

Meyer, Iben & Forkman, Björn, 2014, In: *Journal of Veterinary Behavior - Clinical Applications and Research*. 9, 4, p. 143-150 8 p.

### **Effect of amount of straw provided to growing/finishing pigs on gastric ulceration at slaughter**

Herskin, M. S., Jensen, Henrik Elvang, Jespersen, A., Forkman, Björn, Jensen, M. B., Canibe, N. & Pedersen, L. J., 2014. 1 p.

### **Evaluation of the effects of dangerous dog legislation in Denmark**

Meyer, Iben & Forkman, Björn, 2014.

### **Factors affecting the human interpretation of dog behavior**

Meyer, Iben, Forkman, Björn & Paul, E. S., 2014, In: *Anthrozoos*. 27, 1, p. 127-140 14 p.

### **Farlige hunde? en evaluering af raceforbuddet fra 2010**

Meyer, I. & Forkman, Björn, 2014, In: *Psyke & Logos*. 35, p. 166-177 12 p.

### **Farlige hunde? En evaluering af raceforbuddet fra 2010.**

Meyer, Iben & Forkman, Björn, 2014, In: *Psyke & Logos*. 35, 2

### **Farmer attitude affects the overall welfare of dairy cows**

Andreasen, S. N., Sandøe, Peter, Waiblinger, S. & Forkman, Björn, 2014. 1 p.

### **Features of the equine pain face**

Gleerup, K. C. B., Andersen, P. H., Lindegaard, Casper & Forkman, Björn, 2014, *Moving on: Proceedings of the 48th Congress of the International Society for Applied Ethology*. Estevez, I., Manteca, X., Marin, R. H. & Averós, X. (eds.). Holland: Wageningen Academic Publishers, p. 218 1 p.

### **Handheld mechanical nociceptive threshold testing in dairy cows: intra-individual variation, inter-observer agreement and variation over time**

Raundal, P. M., Andersen, P. H., Toft, N., Forkman, Björn, Munksgaard, L. & Herskin, M. S., 2014, In: *Veterinary Anaesthesia and Analgesia*. 41, 6, p. 660-669 10 p.

### **How much is enough? The amount of straw necessary to satisfy pigs' need to perform exploratory behaviour**

Pedersen, L. J., Herskin, M. S., Forkman, Björn, Halekoh, U., Kristensen, K. M. & Jensen, M. B., 2014, In: *Applied Animal Behaviour Science*. 160, p. 46-55 10 p.

### **I like my dog, does my dog like me?**

Rehn, T., Lindholm, U., Keeling, L. & Forkman, Björn, 2014, In: *Applied Animal Behaviour Science*. 150, p. 65-73 9 p.

### **Intelligent regulering af dyrevelfærd i malkekvægsbesætninger**

Munksgaard, L., Sørensen, J. T., Forkman, Björn & Houe, Hans, 2014, *Dyrevelfærd i Danmark 2014: med resultater fra Velfærdskontrollen i 2013*. Fødevarestyrelsen, p. 51-59 9 p.

### **Kortlægning af forekomst, udformning og anvendelse af sygebokse i danske malkekvægsbesætninger. delafrapportering for projektet: Anvendelse af sygebokse og kvantificering af halte køers behov i relation til velfærd, Videncenter for Dyrevelfærd**

Houe, Hans, Forkman, Björn, Williams, Charlotte Amdi, Jensen, M. B., Herskin, M. S. & Thomsen, P. T., 2014, 19 p.

### **The blind hens' challenge: does it undermine the view that only welfare matters in our dealings with animals?**

Sandøe, Peter, Hocking, P. M., Forkman, Björn, Haldane, K., Kristensen, H. H. & Palmer, C., 2014, In: *Environmental Values*. 23, 6, p. 727-742 16 p.

### **The classification of interdog aggression and what causes it**

Clausen, M., Meyer, Iben & Forkman, Björn, 2014, *1st Feline Science Forum, 4th Canine Science Forum, Companion animals j- human health and disease*. Mills, D. S., Griffin, K., Hewison, L., Finka, L., Brady, K. & Sriphavatsarakom, P. (eds.). p. 200 1 p.

### **Use of animal based measures for the assessment of dairy cow welfare ANIBAM**

Nielsen, B. H., Angelucci, A., Scalvenzi, A., Forkman, B., Fusi, F., Tuyttens, F., Houe, H., Blokhuis, H., Sørensen, J. T., Rothmann, J., Matthews, L., Mounier, L., Bertocchi, L., Richard, M-M., Donati, M., Nielsen, P. P., Salini, R., Graaf, S. D., Hild, S., Messori, S. & 4 others, Nielsen, Søren Saxmose, Lorenzi, V., Boivin, X. & Thomsen, P. T., 2014, *European Food*

Safety Authority. 340 p. (EFSA supporting publication; No. 659).

#### **Årsrapport 2013 - Videnscenter for Dyrevelfærd**

Houe, Hans, Forkman, Björn & Opstrup, K. V., 2014, Frederiksberg: Institut for Produktionsdyr og Heste, Københavns Universitet. 21 p.

#### **Anvendelse af sygebokse og kvantificering af halte køers præferencer: Projekt: Anvendelse af sygebokse og kvantificering af halte køers behov i relation til velfærd**

Jensen, M. B., Houe, Hans, Herskin, M. S., Thomsen, P. T., Williams, Charlotte Amdi & Forkman, Björn, 21 Nov 2013. 1 p.

#### **Identifikation af smerteadfærd hos malkekvæg**

Gleerup, K. C. B., Forkman, Björn, Dam Otten, Nina, Munksgaard, L. & Andersen, P. H., 21 Nov 2013. 1 p.

#### **What is a good measure? Assessment of behaviour, performance and outcome in working dogs**

Forkman, Björn, 16 Oct 2013. 1 p.

#### **Identifying pain behaviours in dairy cattle**

Gleerup, K. C. B., Forkman, Björn, Dam Otten, Nina, Munksgaard, L. & Andersen, P. H., 28 Jun 2013. 1 p.

#### **How much straw do slaughter pigs need to meet the need for exploration?**

Pedersen, L. J., Herskin, M. S. & Forkman, Björn, 2 Jun 2013. 1 p.

#### **Negative and Positive Reinforcement - A way to avoid unnecessary suffering**

Wergård, E., Temrin, H., Forkman, Björn, Spångberg, M., Fredlund, H., Abelson, Klas & Westlund, K., Jun 2013. 1 p.

#### **Evaluering af hundelovens forbudsordning: LOV nr. 717 af 25/06/2010**

Meyer, Iben & Forkman, Björn, 2013, 82 p.

#### **Fluer og fluelarver som nyttedyr i fjerkræproduktion: bedre dyrevelfærd, nye fordertyper og affaldsreduktion**

Hald, B., Petersen, J. S., Forkman, Björn & Andersen, T., 2013, In: Dansk Erhvervsfjerkræ. 42, 11, p. 662-663 2 p.

#### **Positiv velfærd**

Sandøe, Peter, Jensen, M. B. & Forkman, Björn, 2013, *Dyrevelfærd i Danmark 2013*. Glostrup: Fødevarestyrelsen, p. 12-21 10 p.

#### **Rapport for pilotprojekt: Potentiale for udvikling af et indeks for dyrevelfærden hos danske søer. Januar 2013**

Nielsen, T. D., Forkman, Björn & Houe, Hans, 2013, 17 p.

#### **Sammenhænge mellem økonomi og dyrevelfærd på bedriftsniveau**

Lund, M., Henningsen, Arne, Czekaj, T. G., Nielsen, A. S. & Forkman, Björn, 2013, In: Tidsskrift for Landoekonomi. 199, 3-4, p. 115-123 9 p.

#### **The correlation of Qualitative Behaviour Assessments with Welfare Quality® protocol outcomes in on-farm welfare assessment of dairy cattle**

Andreasen, S. N., Wemelsfelder, F., Sandøe, Peter & Forkman, Björn, 2013, In: Applied Animal Behaviour Science. 143, 1, p. 9-17 9 p.

#### **The relationship between animal welfare and economic outcome at the farm level**

Czekaj, T. G., Nielsen, A. S., Henningsen, Arne, Forkman, Björn & Lund, M., 2013, Frederiksberg: Department of Food and Resource Economics, University of Copenhagen. 105 p. (IFRO Report; No. 222).

#### **Vurdering af dyrevelfærd på besætningsniveau - kan det gøres enklere end i Welfare Quality®?**

Andreasen, S. N., Forkman, Björn & Sandøe, Peter, 2013, *Vurdering af dyrevelfærd i en husdyrbesætning*. Sørensen, J. T., Houe, H., Rousing, T. & Sandøe, P. (eds.). Center for Bioetik og Risikovurdering, p. 31-38 8 p. (Projektrapport / Center

for Bioetik og Risikovurdering; No. 18).

#### **Welfare Quality® principles and criteria**

Keeling, L., Evans, A., Forkman, Björn & Kjaernes, U., 2013, *Improving farm animal welfare: science and society working together: the Welfare Quality approach*. Blokhuis, H., Miele, M., Veissier, I. & Jones, B. (eds.). Holland: Wageningen Academic Publishers, p. 91-114 24 p.

#### **Egenkontrol af dyrevelfærd - bureaukrati eller kilde til øget velfærd?**

Forkman, Björn, Lassen, J., Jensen, Karsten Klint, Sandøe, Peter, Sørensen, J. T. & Tønner, L., 21 Nov 2012. 1 p.

#### **Slagtekyllingers trædepuder - portræt af en reguleringsmæssig succes?**

Forkman, Björn, Nielsen, B. L., Lassen, J., Herskin, M. S. & Holm, L., 21 Nov 2012. 1 p.

#### **Dogs hunting bears - what do they really hunt?**

Forkman, Björn, Gustavsson, T., Støen, O., Karlson, J. & Brunberg, S., Aug 2012. 1 p.

#### **Dogs hunting bears - what do they really hunt?**

Forkman, Björn, Gustavsson, T., Støen, O. & Brunberg, S., Jul 2012. 1 p.

#### **Cognitive bias and anticipatory behaviour of laying hens housed in basic and enriched pens**

Wichman, A. H., Keeling, L. J. & Forkman, Björn, 2012, In: *Applied Animal Behaviour Science*. 140, 1-2, p. 62-69 8 p.

#### **Databaser - potentialer for dyrevelfærdsvurdering**

Houe, Hans, Jensen, T. B., Nielsen, A. C., Feldstedt, H., Forkman, Björn, Dam Otten, Nina, Andreasen, S. N., Nielsen, T. D., Toft, N. & Sørensen, J. T., 2012. 1 p.

#### **Databases in Denmark: opportunities and constraints for welfare assessments**

Houe, Hans, Jensen, T. B., Nielsen, A. C., Fjeldstedt, H., Sandøe, Peter, Forkman, Björn, Dam Otten, Nina, Andreasen, S. N., Nielsen, T. D., Toft, N. & Sørensen, J. T., 2012. 1 p.

#### **Hundars mentalitet och lämplighet: hur testar man det?**

Forkman, Björn, Gustavsson, T. & Temrin, H., 2012, In: *Hundsport*. 6, p. 6-7 2 p.

#### **Incentive value learning in domestic hens**

Forkman, Björn, Coerse, N. C. A. & Haskell, M. J., 2012, In: *Ethology (Online)*. 118, 5, p. 489-493 5 p.

#### **No credible consciousness without critical thinking**

Olsson, A. S. & Forkman, Björn, 2012, In: *E M B O Reports*. 13, 4, p. 289 1 p.

#### **Smertedetektionsskema til malkekvæg**

Forkman, Björn, Glerup, K. C. B., Andersen, P. H. & Munksgaard, L., 2012. 1 p.

#### **The equine pain face**

Glerup, K. C. B., Forkman, Björn, Lindegaard, Casper & Andersen, P. H., 2012.

#### **The interaction of ethical questions and farm animal welfare science**

Sandøe, Peter, Forkman, Björn & Jensen, Karsten Klint, 2012, *Animal welfare and ethics: From principle to practice: Proceedings of the 2012 RSPCA Australia Scientific Seminar*. Deakin West ACT: RSPCA Australia, p. 35-44 10 p.

#### **The relation between empathy and interpretation of dog behaviour**

Meyer, Iben & Forkman, Björn, 2012.

**The welfare of dairy cows is improved in relation to cleanliness and integument alterations on the hocks and lameness when sand is used as stall surface**

Andreasen, S. N. & Forkman, Björn, 2012, In: *Journal of Dairy Science*. 95, 9, p. 4961-4967 7 p.

**Robot milking does not seem to affect whether or not cows feel secure among humans**

Andreasen, S. N. & Forkman, Björn, Aug 2011. 1 p.

**Robot milking does not seem to affect whether or not cows feel secure among humans**

Andreasen, S. N. & Forkman, Björn, Aug 2011. 1 p.

**How do we refine future animal models?**

Forkman, Björn, May 2011, *What is the benefit of animal research*. Denmark, p. 35 1 p.

**Definitioner af og holdninger til dyrevelfærd**

Sandøe, Peter, Christensen, Tove, Forkman, Björn & Lassen, J., 2011, *Dyrevelfærd i Danmark 2010: Videncenter for Dyrevelfærd*. Ministeriet for Fødevarer, Landbrug og Fiskeri, p. 14-25 12 p.

**Ethical citizenship**

Forkman, Björn, 2011, *ICVAE - first international conference on veterinary and animal ethics*. p. 146-149 4 p.

**Ethical citizenship**

Forkman, Björn, 2011, *Veterinary and animal ethics: Proceedings of the First International Conference on Veterinary and Animal Ethics, September, 2011*. Wathes, C., Corr, S., May, S., McCulloch, S. & Whiting, M. (eds.). Wiley-Blackwell, p. 261-270 10 p.

**Hvor mange kompromiser har økologien råd til? ægproduktion som eksempel**

Jensen, Karsten Klint, Forkman, Björn & Sandøe, Peter, 2011, *Økologiske fødevarer – hvor bevæger forbrugerne sig hen?* Tveit, G. & Sandøe, P. (eds.). Center for Bioetik og Risikovurdering, p. 93-101 9 p.

**Investigating the importance of vision in poultry: comparing the behaviour of blind and sighted chickens**

Collins, S., Forkman, Björn, Kristensen, H. H., Sandøe, Peter & Hocking, P. M., 2011, In: *Applied Animal Behaviour Science*. 133, p. 60-69 10 p.

**Studying personality in dogs**

Forkman, Björn, 2011, *International Society for the Study of Individual Differences ISSID 2011*. 1 p.

**The welfare and economic consequences of lameness in finisher pigs: a pilot study using expert opinions**

Kristensen, H. H., Jensen, T. B., Toft, N., Nielsen, B. L., Sandøe, Peter, Forkman, Björn, Christensen, Tove, Houe, Hans & Kristensen, Anders Ringgaard, 2011, *Making animal welfare improvements: economic and other incentives and constraints: UFAW International Symposium 2011*. Universities Federation for Animal Welfare, 1 p.

**Validering samt kvalitets- og fremtidssikring af velfærdsregistreringer i svinebesætninger**

Toft, N., Andreasen, S. N., Forkman, Björn, Willeberg, P., Houe, Hans & Jensen, T. B., 2011. 1 p.

**Noget om at gøre haneben**

Forkman, Björn, 9 Jul 2010, In: *Weekendavisen*. p. 9 1 p.

**A happy hen? Comparing two different measures of emotional state**

Wichman, A., Keeling, L. & Forkman, Björn, 2010, *Proceedings of the 44th Congress of the International Society for Applied Ethology (ISAE): Coping in large groups*. Lidfors, L., Blokhuis, H. & Keeling, L. (eds.). Wageningen Academic Publishers, p. 22 1 p.

**Cuteness and playfulness in dogs, are they related?**

Forkman, Björn, 2010, *Proceedings of the 44th Congress of the International Society for Applied Ethology (ISAE): Coping in large groups*. Lidfors, L., Blokhuis, H. & Keeling, L. (eds.). Wageningen Academic Publishers, p. 83 1 p.



### **Databaser - potentialer for dyrevelfærdsvurdering**

Houe, Hans, Jensen, T. B., Nielsen, A. C., Forkman, Björn, Sandøe, Peter & Sørensen, J. T., 2010. 1 p.

### **Ethics of feeding: the omnivore dilemma**

Kasanen, I. H. E., Sørensen, Dorte Bratbo, Forkman, Björn & Sandøe, Peter, 2010, In: *Animal Welfare*. 19, p. 37-44 8 p.

### **Høne adfærdsmønstre**

Forkman, Björn, 2010, In: *Amagerfjeren*. 19, 4, p. 5+21+23+35 4 p.

### **Personalities in Dogs: Methods and Results**

Forkman, Björn, 2010, *European Association of Personality Psychology: Program and Abstracts*. p. 96 1 p.

### **Sow preferences for farrowing under a cover with and without access to straw**

Damm, B. I., Heiskanen, T., Pedersen, L. J., Jørgensen, E. & Forkman, Björn, 2010, In: *Applied Animal Behaviour Science*. 126, 3-4, p. 97-104 6 p.

### **Are cute dogs more playful?**

Forkman, Björn, 2009. 1 p.

### **Assessment of general fearfulness: chapter 8**

Forkman, Björn, Heiskanen, T., Graml, C. & Waiblinger, S., 2009, *Assessment of animal welfare measures for layers and broilers*. Cardiff University, p. 91-93 3 p. (Welfare Quality Reports; No. 9).

### **Book review: Stereotypic Animal Behaviour: Fundamentals and Applications to Welfare**

Forkman, Björn, 2009, In: *Applied Animal Behaviour Science*. 118, 1-2, p. 101-102 2 p.

### **Conflicting goals of welfare assessment schemes: a case study**

Ingemann, R., Sandøe, Peter, Enemark, P. & Forkman, Björn, 2009, In: *Animal Welfare*. 18, 4, p. 487-495 9 p.

### **Investigating possible measures to include the assessment systems**

Forkman, Björn, 2009, *An overview of the development of the welfare quality@ assessment systems*. Cardiff University, p. 9-14 6 p. (Welfare Quality Reports; No. 12).

### **Nonverbal sensitivity and success in human-dog interactions**

Meyer, Iben & Forkman, Björn, 2009. 1 p.

### **Validation of measures of fear**

Dalmau, D., Velarde, A. & Forkman, Björn, 2009, *Assessment of animal welfare measures for sows, piglets and fattening pigs: chapter 19*. UK: Cardiff University, p. 185-198 14 p. (Welfare Quality Reports; No. 10).

### **What animal welfare brought to ethology**

Veissier, I. & Forkman, Björn, 2009, *XXXI International Ethological Conference: Abstracts*. p. 444 1 p.

### **Grundlaget er videnskabeligt**

Forkman, Björn, Ladewig, Jan & Giersing, M., 2008, In: *Morgenavisen Jyllands-Posten*.

### **Hundar och vargar, hur lika är de.....**

Forkman, Björn, 2008, In: *Skallet*. 2, p. 9-11 3 p.

### **Individual measures of welfare assessment**

Forkman, Björn, 2008, In: *Welfare Quality UPDATE*, the newsletter for stakeholders. 9, 1 p.

### **Modification of rearing conditions to improve welfare of layers: a 4 year long NKJ-project**

Riber, A. B., Forkman, Björn, Valros, A., Heikkilä, M., Saloniemi, H., Keeling, L., Wichman, A., Gunnarsson, S., Braastad, B., Bakken, M. & Janczak, A. M., 2008

### **The nature of animal welfare science**

Veissier, I. & Forkman, Björn, 2008, In: Annual Review of Biomedical Sciences (Online Edition). 10, p. T15-T26 12 p.

### **A critical review of fear tests used on cattle, pigs, sheep, poultry and horses**

Forkman, Björn, Boissy, A., Meunier-Salaün, M., Canali, E. & Jones, R. B., 2007, In: Physiology & Behavior. 92, 3, p. 531-565 35 p.

### **A note on the behaviour of the chicken that receives feather pecks**

Riber, A. B. & Forkman, Björn, 2007, In: Applied Animal Behaviour Science. 108, 3-4, p. 337-341 5 p.

### **Anstændig omgang med fagligheden**

Christiansen, Stine B., Andersen, P. H. F., Forkman, Björn, Hansen, Axel Kornerup, Ladewig, Jan, Lehn-Jensen, H., Mølbak, I., Svendsen, O., Sørensen, A. & Sandøe, Peter, 2007, In: DANSK VETERINÆRTIDSSKRIFT. 90, 1, p. 35-36 2 p.

### **Are cows able to orgasm?**

Christiansen, Stine B. & Forkman, Björn, 2007. 1 p.

### **Assessment of animal welfare in a veterinary context - a call for ethologists**

Christiansen, Stine B. & Forkman, Björn, 2007, In: Applied Animal Behaviour Science. 106, 4, p. 203-220 18 p.

### **Assessment of positive emotions in animals to improve their welfare**

Boissy, A., Manteuffel, G., Jensen, M. B., Moe, R. O., Spruijt, B., Keeling, L. J., Winckler, C., Forkman, Björn, Dimitrov, I., Langbein, J., Bakken, M., Veissier, I. & Aubert, A., 2007, In: Physiology & Behavior. 92, 3, p. 375-397 23 p.

### **Assuring animal welfare: from societal concerns to implementation: Proceedings of the Second Welfare Quality Stakeholder Conference**

Veissier, I., Forkman, Björn & Jones, B., 2007, Project Office of Welfare Quality. 93 p.

### **Behavioural ecology and applied ethology**

Forkman, Björn, 2007, *Ikke angivet*. Lidfors, L., Rundgren, M. & Andersson, M. (eds.). International Society for Applied Ethology, p. 4 1 p.

### **Broilers: full monitoring system currently being tested on pilot farms and slaughterhouses around Europe**

Butterworth, A., Algers, B., Arnould, C., Forkman, Björn, Froehlich, E., Graml, C., Heiskanen, T., Keeling, L., Kniebuhr, K., Knierim, U., Lentfer, T., Sandilands, V., Staack, M., Waiblinger, S., Wemelsfelder, F., Haslam, S. M., Westerath, H. S. & Zimmerman, P., 2007, *Ikke angivet*. Veissier, I., Forkman, B. & Jones, B. (eds.). Project Office of Welfare Quality, p. 80-81 2 p.

### **Diurnal activity cycles and synchrony in layer hen chicks (*Gallus gallus domesticus*)**

Riber, A. B., Nielsen, B. L., Ritz, C. & Forkman, Björn, 2007, In: Applied Animal Behaviour Science. 108, 3-4, p. 276-287 12 p.

### **Effects of broody hens on perch use, ground pecking, feather pecking and cannibalism in domestic fowl (*Gallus gallus domesticus*)**

Riber, A. B., Wichman, A., Braastad, B. O. & Forkman, Björn, 2007, In: Applied Animal Behaviour Science. 106, 1-3, p. 39-51 13 p.

#### **Fattening pigs: full monitoring system currently being tested on pilot farms and abattoirs around Europe**

Velarde, A., Algers, B., Bracke, M. B. M., Courboulay, C., D'Eath, R., Edwards, S. A., Fábrega, E., Forkman, B., Geers, R., Geverink, N. A., Gispert, M., Guy, J. H., Hautekiet, V., Keeling, L., Lammens, V., Lenskens, P., Meuleman, M., Meunier-Salaün, M. C., Millard, F., Nordensten, L. & 10 others, Nuffel, A. V., Reenen, C. G. V., Scott, K., Spooler, H. A. M., Steenbergen, L. V., Turner, S., Tuytens, F. A. M., Vermeulen, K., Wemelsfelder, F. & Dalmau, A., 2007, *Ikke angivet*. Veissier, I., Forkman, B. & Jones, B. (eds.). Project Office of Welfare Quality, p. 78-79 2 p.

#### **Fluctuating asymmetry as an animal welfare indicator - A review of methodology and validity**

Knierim, U., Dongen, S. V., Forkman, Björn, Tuytens, F. A. M., Spinka, M., Campo, J. L. & Weissengruber, G. E., 2007, In: *Physiology & Behavior*. 92, 3, p. 398-421 24 p.

#### **Layers: full monitoring system currently being tested on pilot farms around Europe**

Butterworth, A., Algers, B., Arnould, C., Forkman, Björn, Froehlich, E., Graml, C., Heiskanen, T., Keeling, L., Kniebuhr, K., Knierim, U., Lentfer, T., Sandilands, V., Staack, M., Waiblinger, S., Wemelsfelder, F., Haslam, S. M., Westerath, H. S. & Zimmerman, P., 2007, *Ikke angivet*. Veissier, I., Forkman, B. & Jones, B. (eds.). Project Office of Welfare Quality, p. 82-83 2 p.

#### **Perching behaviour in chickens and its relation to spatial ability**

Wichman, A., Heikkilä, M., Valros, A., Forkman, Björn & Keeling, L. J., 2007, In: *Applied Animal Behaviour Science*. 105, 1-3, p. 165-179 15 p.

#### **Sows and piglets: full monitoring system currently being tested on pilot farms around Europe**

Velarde, A., Algers, B., Bracke, M. B. M., Chaloupková, H., Courboulay, V., Eath, R. D., Edwards, S. A., Forkman, B., Geers, R., Geverink, N. A., Guy, J. H., Hautekiet, V., Illmann, G., Keeling, L., Lammens, V., Lenskens, P., Meuleman, M., Meunier-Salaün, M. C., Millard, F., Námesteková, P. & 12 others, Neuhauserová, K., Nuffel, A. V., Reenen, C. G. V., Scott, K., Spinka, M., Spooler, H. A. M., Steenbergen, L. V., Turner, S., Tuytens, F. A. M., Vermeulen, K., Wemelsfelder, F. & Dalmau, A., 2007, *Ikke angivet*. Veissier, I. & Jones, B. (eds.). Project Office of Welfare Quality, p. 76 1 p.

#### **The effect of breeding for shows on the temperament of dogs**

Forkman, Björn, Svartberg, K. & Temrin, H., 2007. 1 p.

#### **The effect of breeding goals on dog mentality**

Forkman, Björn, Meyer, Iben, Svartberg, K. & Temrin, H., 2007. 1 p.

#### **A critical review of fear tests used on farm animals**

Forkman, Björn, Boissy, A., Meunier-Salaün, M., Canali, E. & Jones, R. B., 2006, *ISAE regional meeting*. p. 27 1 p.

#### **Animal welfare: what is the role of science?**

Sandøe, Peter, Christiansen, Stine B. & Forkman, Björn, 2006, *Animals, ethics and trade: the challenge of animal sentience*. Turner, J. & D'Silva, J. (eds.). London: Earthscan, p. 41-52 12 p.

#### **Animal welfare aspects of preventing boar taint**

Giersing, M., Ladewig, Jan & Forkman, Björn, 2006. 3 p.

#### **Effect of brooders on feather pecking and cannibalism in domestic fowl (*Gallus gallus domesticus*)**

Riber, A. B., Palme, R. & Forkman, Björn, 2006, In: *Applied Animal Behaviour Science*. 99, 3-4, p. 287-300 14 p.

#### **Guidelines for improved disease recording and recommendations for use of data**

Houe, Hans, Braadsbaard, N. P., Emborg, H. D., Enevoldsen, C., Ersbøll, A. K., Forkman, Björn, Greiner, M., Jensen, T. B., Kristensen, Anders Ringgaard, Mark, T., Nielsen, Liza Rosenbaum, Nielsen, Søren Saxmose, Sandøe, Peter, Stege, Helle, Thomsen, P. T., Toft, N. & Tveit, Geir, 2006, *Ikke angivet*. The International Society for Veterinary Epidemiology and Economics, 3 p.

**Happy pigs are dirty! conflicting perspectives on animal welfare**

Lassen, J., Sandøe, Peter & Forkman, Björn, 2006, In: *Livestock Science*. 103, 3, p. 221-230 10 p.

**Moralisme forklædt som veterinær faglighed**

Sandøe, Peter, Christiansen, Stine B., Andersen, P. H. F., Mølbak, I., Sørensen, A., Forkman, Björn & Lehn-Jensen, H., 2006, In: *Politiken*. 1 p.

**Report on broiler breeder welfare in Denmark**

Duncan, I. J. H. & Forkman, Björn, 2006, 20 p.

**Sow preferences for farrowing under a cover with and without access to straw**

Forkman, Björn, Damm, B. I., Heiskanen, T., Pedersen, L. J. & Jørgensen, E., 2006, *Abstracts*. Federal Agricultural Research Centre, p. 41 1 p.

**Sow preferences for farrowing under a cover with and without access to straw**

Forkman, Björn, Damm, B. I., Heiskanen, T., Pedersen, L. J. & Jørgensen, E., 2006.

**Sow preferences for walls to lean against when lying down**

Damm, B. I., Moustsen, V., Jørgensen, E., Pedersen, L. J., Heiskanen, T. & Forkman, Björn, 2006, In: *Applied Animal Behaviour Science*. 99, 1-2, p. 53-63 11 p.

**Activity cycles and synchrony in layer hen chicks**

Jensen, A. B., Forkman, Björn & Ritz, C., 2005, *17. Nordic Symposium of the ISAE: programme and abstracts*. Krohn, C. C. & Ladewig, J. (eds.). Department of Animal Health, Welfare and Nutrition, p. 23-24 2 p.

**An alternative perspective on the compilation of scientific literature comparing housing systems for gestating sows using metaanalysis on measures of physiology, behavior, performance and health: letter to the editor**

Damm, B. I., Forkman, Björn, Giersing, M., Ladewig, Jan & Houe, Hans, 2005, In: *Professional Animal Scientist*. 21, p. 139-143 5 p.

**Assessment of animal welfare in a veterinary context: a call for ethologists**

Christiansen, Stine B. & Forkman, Björn, 2005, *Proceedings of the 39. International Congress of the ISAE*. p. 82 1 p.

**Chicks from synchronized groups show less feather pecking as adults**

Jensen, A. B. & Forkman, Björn, 2005, *Animal science papers and reports*. Polish Academy of Science, Institute of Genetics and Animal Breeding, p. 285-286 2 p.

**Comprehensive assessment of animal welfare: what rationale to be used?**

Veissier, I., Forkman, Björn & Keeling, L., 2005, *Abstracts of oral presentations and posters*. University of Veterinary Medicine, p. 100 1 p.

**Effect of broody hens on chicks' pecking and perching behaviour**

Jensen, A. B., Forkman, Björn & Wichman, A., 2005. 1 p.

**En oversigt over fordele, ulemper og konstruktion af siddepinde til æglæggende høner**

Forkman, Björn, 2005, In: *Dansk Veterinærtidsskrift*. 88, 2, p. 6-9 4 p.

**Feather pecking in chickens is genetically related to behavioural and developmental traits**

Jensen, P., Keeling, L., Schütz, K., Andersson, L., Mormède, P., Brändström, H., Forkman, Björn, Kerje, S., Frederiksson, R., Ohlsson, C., Larsson, S., Mallmin, H. & Kindmark, A., 2005, In: *Physiology & Behavior*. 86, 1-2, p. 52-60 9 p.

**Featherpecking and predictions from coping theory**

Forkman, Björn, Heiskanen, T. & Kjær, J., 2005, *Animal science papers and reports: proceedings of the 7. European Symposium on Poultry Welfare, Lublin, Poland*. Polish Academy of Sciences Institute and Animal Breeding, p. 357-358 2 p.

**Lying down and rolling behaviour in sows in relation to piglet crushing: review**

Damm, B. I., Forkman, Björn & Pedersen, L. J., 2005, In: Applied Animal Behaviour Science. 90, 1, p. 3-20 18 p.

**Using conditioned reinforcement as a way to make dairy cows to leave an automatic unit**

Oostra, H. H., Forkman, Björn, Sällvik, K., Herlin, A. & Englund, J., 2005, In: Journal of Animal and Veterinary Advances. 4, 4, p. 441-447 7 p.

**The maintenance of stable dominance hierarchies and the pattern of aggression: Support for the suppression hypothesis**

Forkman, Björn & Haskell, M. J., Sep 2004, In: Ethology. 110, 9, p. 737-744 8 p.

**Keeping hens in tents - Experiences from the first year**

Forkman, Björn, Andersen, Daniel Bjørklund, Hindrup, B. & Horsted, K., Apr 2004, In: British Poultry Science. 45, SUPPL. 1, p. S37-S38

**The predictions from coping theory are not upheld for severe featherpeckers**

Forkman, Björn, Heiskanen, T. & Kjær, J., Apr 2004, In: British Poultry Science. 45, SUPPL. 1, p. S34-S35

**Physiological reactions to fear provocation in dogs**

Hydbring-Sandberg, E., von Walter, L. W., Höglund, K., Svartberg, K., Swenson, L. & Forkman, Björn, Mar 2004, In: Journal of Endocrinology. 180, 3, p. 439-448 10 p.

**Major Growth QTLs in Fowl Are Related to Fearful Behavior: Possible Genetic Links between Fear Responses and Production Traits in a Red Junglefowl x White Leghorn Intercross**

Schütz, K. E., Kerje, S., Jacobsson, L., Forkman, Björn, Carlborg, Ö., Andersson, L. & Jensen, P., Jan 2004, In: Behavior Genetics. 34, 1, p. 121-130 10 p.

**Effect of electrical brooders on chickens' feather pecking activity**

Jensen, A. B. & Forkman, Björn, 2004. 1 p.

**Scientific uncertainty - how should it be handled in relation to scientific advice regarding animal welfare issues?**

Sandøe, Peter, Forkman, Björn & Christiansen, Stine B., 2004, In: Animal Welfare. 13, p. S121-S126 6 p.

**Feather-pecking and feather eating in laying hens**

Forkman, Björn, 2003. 1 p.

**Grundvidenskabelig og anvendt forskning - som rugbrød og pålæg**

Forkman, Björn & Jensen, M. B., 2003, In: DANSK VETERINÆRTIDSSKRIFT. 86, 2, p. 22-23 2 p.

**Vad finns i en hönshjärna?**

Forkman, Björn, 2003, In: Fjäderfä. 1, 2 p.

**Development of a concept for organic chickens in climate tents**

Andersen, B. H., Forkman, Björn & Horsted, K., 2002. 1 p.

**Effect of social environment on the behavioural responses of horses toward novel food presented in an arena**

Østerballe, L. V., Forkman, Björn, Herskin, M. S. & Søndergaard, E., 2002, *Internal report*. Krohn, C. C. & Ladewig, J. (eds.). 151 ed. p. 21 1 p.

**Experimental evidence of receiver bias for symmetry**

Jansson, L., Forkman, Björn & Enquist, M., 2002, In: Animal Behaviour. 63, p. 617-621 5 p.

**Hens in tents: an alternative system for organic hens**

Andersen, B. H., Forkman, Björn & Horsted, K., 2002.

**Learning and cognition**

Forkman, Björn, 2002, *The ethology of farm animals*. Jensen, P. (ed.). Oxford: CABI, p. 51-64 14 p.

**Personality traits in the domestic dog (*Canis familiaris*)**

Svartberg, K. & Forkman, Björn, 2002, In: *Applied Animal Behaviour Science*. 79, 2, p. 133-157 25 p.

**Tankar och förväntningar hos höns**

Forkman, Björn, 2002, In: *Svensk Veterinär tidning*. 7, p. 355-360 69 p.

**Trade-off in resource allocation between behaviour and production traits in fowl-phenotypival and QTL-analyses of F2-progeny from Red Junglefowl a White Leghorn layers**

Schütz, K., Keje, S., Jacobsson, L., Mormède, P., Forkman, Björn, Carlborg, Ö., Andersson, L. C. & Jensen, P., 2002, *Internal report*. Krohn, C. C. & Ladewig, J. (eds.). 151 ed. p. 13 1 p.

**What's in a chicken brain? a review of the cognitive abilities of chickens**

Forkman, Björn, 2002. 1 p.

**An information primacy model of exploratory and foraging behaviour**

Inglis, I. R., Langton, S., Forkman, Björn & Lazarus, J., 2001, In: *Animal Behaviour*. 62, p. 543-557 15 p.

**Colour vision in fallow deer: A behavioural study**

Birgersson, J., Alm, U. & Forkman, Björn, 2001, In: *Animal Behaviour*. 61, 2, p. 367-371 5 p.

**Domestic hens have declarative representations**

Forkman, Björn, 2001, In: *Animal Welfare*. 10, SUPPL., p. S235-S237

**Domestication effects on foraging strategy, social behaviour and different fear responses: a comparison between the red junglefowl (*Gallus gallus*) and a modern layer strain**

Schütz, K. E., Forkman, Björn & Jensen, P., 2001, In: *Applied Animal Behaviour Science*. 74, p. 1-14 14 p.

**Key sources of variability in coping: group report**

Forkman, Björn, Blokhuis, H. J., Broom, D. M., Kaiser, S., Koolhaas, J. M., Levine, S., Mendi, M., Plotsky, P. M. & Schedlowski, M., 2001, *Ikke angivet*. Broom, D. M. (ed.). Dahlem University Press, p. 79-100 22 p.

**Rearing without early access to perches impairs the spatial skills of laying hens**

Gunnarsson, S., Yngvesson, J., Keeling, L. J. & Forkman, Björn, 3 Apr 2000, In: *Applied Animal Behaviour Science*. 67, 3, p. 217-228 12 p.

**Frustration-induced aggression in the domestic hen: The effect of thwarting access to food and water on aggressive responses and subsequent approach tendencies**

Haskell, M., Coerse, N. C. A. & Forkman, Björn, Apr 2000, In: *Behaviour*. 137, 4, p. 531-546 16 p.

**A method for simulating signal evolution using real animals**

Forkman, Björn & Enquist, M., 2000, In: *Ethology*. 106, 10, p. 887-897 11 p.

**Minimization of modal contours: An essential cross-species strategy in disambiguating relative depth**

Forkman, Björn & Vallortigara, G., 1999, In: *Animal Cognition*. 2, 4, p. 181-185 5 p.

**An investigation into the occurrence of spontaneous alternation behaviour in the domestic hen**

Haskell, M. J., Forkman, Björn & Waddington, D., Apr 1998, In: *Behavioural Processes*. 43, 1, p. 43-51 9 p.

**Hens use occlusion to judge depth in a two-dimensional picture**

Forkman, Björn, 1998, In: Perception. 27, 7, p. 861-867 7 p.

**Influence of size and asymmetry of sexual characters in the rooster and hen on the number of eggs laid**

Forkman, Björn & Corr, S., 1 Sep 1996, In: Applied Animal Behaviour Science. 49, 3, p. 285-291 7 p.

**The foraging behaviour of Mongolian gerbils: A behavioural need or a need to know?**

Forkman, Björn, Feb 1996, In: Behaviour. 133, 1-2, p. 129-143 15 p.

**Individual variation and consistency in piglet behaviour**

Jensen, P., Forkman, Björn, Thodberg, K. & Köster, E., Oct 1995, In: Applied Animal Behaviour Science. 45, 1-2, p. 43-52 10 p.

**Personality, coping patterns, and aggression in piglets**

Forkman, Björn, Furuhaug, I. L. & Jensen, P., Oct 1995, In: Applied Animal Behaviour Science. 45, 1-2, p. 31-42 12 p.

**Behavioural strategies or just individual variation in behaviour? - A lack of evidence for active and passive piglets**

Jensen, P., Rushen, J. & Forkman, Björn, May 1995, In: Applied Animal Behaviour Science. 43, 2, p. 135-139 5 p.

**The Effect of Hunger on the Learning of New Food Preferences in the Mongolian Gerbil**

Forkman, Björn, 1995, In: Behaviour. 132, 7-8, p. 627-639 13 p.

**The effect of hunger on social facilitation in domestic poultry**

Forkman, Björn, Hoffmann, V., Hulthfn, A., Koster, E. & Lundberg, A., Nov 1994, In: Acta Agriculturae Scandinavica A: Animal Sciences. 44, 4, p. 246-248 3 p.

**Self-reinforced Behaviour Does not Explain Contra-freeloading in the Mongolian Gerbil**

Forkman, Björn, 1993, In: Ethology. 94, 2, p. 109-112 4 p.

**Is the behavioural effect of diazepam in rats unique to negative secondary stimuli?**

Enquist, M., Forkman, Björn & Ljungberg, T., Jun 1990, In: Journal of Neural Transmission. 81, 2, p. 147-152 6 p.