Anna Camilla Birkegård - DTU Orbit (09/04/2018)

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Department of Applied Mathematics and Computer Science - Postdoc
National Veterinary Institute - Research Assistant
Dynamical Systems
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Publications:

Persistence of antimicrobial resistance genes from sows to finisher pigs
Publication: Research - peer-review › Journal article – Annual report year: 2018

Antimicrobial resistance in Danish pigs: A cross sectional study of the association between antimicrobial resistance and geography, exposure to antimicrobials, and trade
Birkegård, A. C., Toft, N. & Hisham Beshara Halasa, T. 2017 Frederiksberg C: Technical University of Denmark (DTU). 159 p.
Publication: Research › Ph.D. thesis – Annual report year: 2017

Association between selected antimicrobial resistance genes and antimicrobial exposure in Danish pig farms
Birkegård, A. C., Hisham Beshara Halasa, T., Græsbøll, K., Clasen, J., Folkesson, A. & Toft, N. 2017 In : Scientific Reports. 7, 1, 9683
Publication: Research - peer-review › Journal article – Annual report year: 2017

Associations between Antibacterial Treatment and the Prevalence of Tail- Biting-Related Sequelae in Danish Finishers at Slaughter
Fertner, M. E., Denwood, M. J., Birkegård, A. C., Stege, H. & Boklund, A. 2017 In : Frontiers in Veterinary Science. 4, 182
Publication: Research - peer-review › Journal article – Annual report year: 2017

Computational algorithm for lifetime exposure to antimicrobials in pigs using register data – the LEA algorithm
Publication: Research - peer-review › Journal article – Annual report year: 2017

Improving institutional memory on challenges and methods for estimation of pig herd antimicrobial exposure based on data from the Danish Veterinary Medicines Statistics Program (VetStat)
Publication: Research - peer-review › Journal article – Annual report year: 2017

Sampling pig farms at the abattoir in a cross-sectional study – Evaluation of a sampling method
Publication: Research - peer-review › Journal article – Annual report year: 2017

Spatial patterns of antimicrobial resistance genes in a cross-sectional sample of pig farms with indoor non-organic production of finishers
Publication: Research - peer-review › Journal article – Annual report year: 2017
Determining the optimal number of individual samples to pool for quantification of average herd levels of antimicrobial resistance genes in Danish pig herds using high-throughput qPCR
Publication: Research - peer-review » Journal article – Annual report year: 2016

How to pool fecal samples in a cross-sectional study of antimicrobial resistance genes in Danish pig herds
Birkegård, A. C. 2016 Book of presentations of the 3rd CPH Pig seminar: Up to date with pig research. Copenhagen University, p. 99-104
Publication: Research - peer-review » Conference abstract in proceedings – Annual report year: 2016

Spatial patterns of Antimicrobial Resistance Genes in Danish Pig Farms
Publication: Research - peer-review » Article in proceedings – Annual report year: 2017

Breeding Restrictions Decrease the Prevalence of Myxomatous Mitral Valve Disease in Cavalier King Charles Spaniels over an 8- to 10-Year Period
Publication: Research - peer-review » Journal article – Annual report year: 2015

Comparison of individual and pooled samples for quantification of antimicrobial resistance genes in swine feces by high-throughput qPCR
Publication: Research - peer-review » Poster – Annual report year: 2015

Comparison of individual and pooled samples for quantification of antimicrobial resistance genes in swine feces by high-throughput qPCR
Publication: Research - peer-review » Conference abstract in proceedings – Annual report year: 2015

Planning a cross-sectional study of antimicrobial resistance genes in Danish pig farms
Birkegård, A. C., Hisham Beshara Halasa, T. & Toft, N. 2015
Publication: Research - peer-review » Poster – Annual report year: 2015

Planning a cross-sectional study of antimicrobial resistance genes in Danish pig farms
Birkegård, A. C., Hisham Beshara Halasa, T. & Toft, N. 2015
Publication: Research - peer-review » Poster – Annual report year: 2015

Årsrapport for vildtsundhed 2013
Publication: Research - peer-review » Report – Annual report year: 2014

Projects:

Veterinary epidemiology with emphasis on the association between spatial proximity, contact structures, antibiotic consumption and antibiotic resistance
Birkegård, A. C., Toft, N., Hisham Beshara Halasa, T., Boklund, A., Dewulf, J. & Nielsen, S. S.
01/12/2013 → 20/12/2017
Project: PhD
SPATIAL PATTERNS OF ANTIMICROBIAL RESISTANCE GENES IN DANISH PIG FARMS

Birkegård, A. C. (Speaker)
17 Mar 2016
Activity: Talks and presentations › Conference presentations