Helle Mølgaard Sommer - DTU Orbit (24/12/2017)

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Department of Applied Mathematics and Computer Science - Former

Publications:

A cross-sectional field study on potential associations between feed quality measures and usage of antimicrobials in commercial mink (Neovison vison)


Publication: Research - peer-review › Journal article – Annual report year: 2017

Alcohol-related breast cancer in postmenopausal women - effect of CYP19A1, PPARG and PPARGC1A polymorphisms on female sex-hormone levels and interaction with alcohol consumption and NSAID usage in a nested case-control study and a randomised controlled trial


Publication: Research - peer-review › Journal article – Annual report year: 2016

Analysis of farm specific risk factors for Campylobacter colonization of broilers in six European countries


Publication: Research - peer-review › Journal article – Annual report year: 2016

Cost-effectiveness of Campylobacter interventions on broiler farms in six European countries


Publication: Research - peer-review › Journal article – Annual report year: 2016

Factors associated with usage of antimicrobials in commercial mink (Neovison vison) production in Denmark


Publication: Research - peer-review › Journal article – Annual report year: 2016

Farm specific risk factors for Campylobacter colonisation in Danish and Norwegian broilers


Publication: Research - peer-review › Journal article – Annual report year: 2016

Risk factors for use of antimicrobials in mink (Neovison vison)


Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2016

Translation of risk factor estimates into on-farm interventions and their effect on Campylobacter broiler flock prevalence


Publication: Research - peer-review › Journal article – Annual report year: 2016

Vitamin D3 and 25-hydroxyvitamin D3 in pork and their relationship to vitamin D status in pigs


Publication: Research - peer-review › Journal article – Annual report year: 2016
Antibiotika til mink fra 2007-2012
Publication: Research - peer-review › Journal article – Annual report year: 2015

Estimation of on-farm interventions to control Campylobacter
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Farm specific risk factors for Campylobacter colonization of broilers in six European countries
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Risk factors for Campylobacter infection of broiler flocks
Publication: Research - peer-review › Conference abstract in proceedings – Annual report year: 2015

Understanding traffic crash under-reporting: linking police and medical records to individual and crash characteristics
Janstrup, K. H., Hels, T., Kaplan, S., Sommer, H. M. & Lauritsen, J. 2014
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2014

Analysis of factors important for the occurrence of Campylobacter in Danish broiler flocks
Publication: Research - peer-review › Journal article – Annual report year: 2013

Salmonella i svinekød: opskæring og detal
Publication: Research › Sound/Visual production (digital) – Annual report year: 2013

Collaborative validation of a rapid method for efficient virus concentration in bottled water.
Publication: Research - peer-review › Journal article – Annual report year: 2010

Data-based QMRA model for comparing farm and slaughter house interventions to control Campylobacter
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Direct arithmetic method versus statistical way of estimating weighted prevalences and confidence intervals: based on a method developed in connection to the DRUID roadside surveys
Publication: Research › Article in proceedings – Annual report year: 2011
From risk factors to estimates to interventions
Publication: Research - peer-review › Article in proceedings – Annual report year: 2011

Improving the diet of employees at blue-collar worksites: results from the "Food at work" intervention study.
Publication: Research - peer-review › Journal article – Annual report year: 2011

Optimal interventions to control campylobacter in broilers in Denmark
Publication: Research - peer-review › Poster – Annual report year: 2011

Survival of Salmonella on cuts of beef carcasses subjected to dry aging
Publication: Research - peer-review › Journal article – Annual report year: 2011

Diagnostic PCR: Comparative sensitivity of four probe chemistries
Josefsen, M. H., Löfström, C., Sommer, H. M. & Hoofar, J. 2009 In : Molecular and Cellular Probes. 23, 3-4, p. 201-203
Publication: Research - peer-review › Journal article – Annual report year: 2009

Bioactivity of vitamin D sources
Publication: Research › Poster – Annual report year: 2008

Future progress in consumer safety of pork in Denmark may depend on carcass decontamination
Aabo, S., Christiansen, P., Hansen, T. B., Krag, R. & Sommer, H. M. 2008
Publication: Research › Poster – Annual report year: 2008

Future progress in consumer safety of pork in Denmark may depend on carcass decontamination
Aabo, S., Christiansen, P., Hansen, T. B., Krag, R. & Sommer, H. M. 2008
Publication: Research › Conference abstract for conference – Annual report year: 2008

The role of flies for introduction of Campylobacter spp. into broiler houses and the effect of fly screens
Publication: Research › Poster – Annual report year: 2008
The role of flies in introduction of Campylobacter spp. into broiler houses and the effect of fly screens. Danish research highlights 2003-2008

Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2008

25-Hydroxyvitamin D-3 affects vitamin D status similar to vitamin D-3 in pigs - but the meat produced has a lower content of vitamin D

Publication: Research - peer-review › Journal article – Annual report year: 2007

Bioactivity of vitamin D sources

Publication: Research › Poster – Annual report year: 2007

Bioactivity of vitamin D sources

Publication: Research › Poster – Annual report year: 2007

Factors influencing participation rates and employees’ attitudes toward promoting healthy eating at blue-collar worksites

Publication: Research - peer-review › Journal article – Annual report year: 2007

Flying insects and Campylobacter

Hald, B., Sommer, H. M. & Skovgård, H. 2007
Publication: Research - peer-review › Conference abstract for conference – Annual report year: 2007

Potency of vitamin D sources

Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2007

Prothrombin fragment 1+2 in urine as an indicator of sustained coagulation activation after total hip arthroplasty

Publication: Research - peer-review › Journal article – Annual report year: 2007

Reductive effect of fly screens on the Campylobacter prevalence of broiler flocks in summer

Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2007

Reductive Effect of Fly Screens on the Campylobacter Prevalence of Broiler Flocks in Summer

Publication: Research › Poster – Annual report year: 2007

Risk Factors for the Occurrence of Campylobacter in Danish Broiler Flocks

Publication: Research › Article in proceedings – Annual report year: 2007

Screen out insect vectors to significantly reduce Campylobacter prevalence in broilers

Publication: Research - peer-review › Conference abstract in journal – Annual report year: 2007
Statistical Analysis of a Risk Factor Study on the Occurrence of Campylobacter in Danish Broiler Flocks
Sommer, H. M. & Heuer, O. E. 2007 14th International Workshop on Campylobacter, Helicobacter and Related Organisms, CHRO. p. 143-143
Publication: Research › Article in proceedings – Annual report year: 2007

Use of fly screens to reduce Campylobacter spp. introduction in broiler houses
Publication: Research - peer-review › Journal article – Annual report year: 2007

Variansanalyse på vanskelige data – en kostundersøgelse til belysning af effekten af iværksatte interventioner for sundere mad
Sommer, H. M. 2007 Symposium i anvendt statistik.
Publication: Research › Article in proceedings – Annual report year: 2007

Freezing at -80 C distorts the DNA composition of bacterial communities in intestinal samples
Mølbak, L., Sommer, H. M., Johnsen, K., Boye, M., Johansen, M., Møller, K. & Leser, T. 2006 In : Current Issues in Intestinal Microbiology. 7, 1, p. 29-34
Publication: Research - peer-review › Journal article – Annual report year: 2006

Odds model med ordinal polynomial respons til testning af effekten af interventioner omhandlende sund mad på arbejdsplassen
Publication: Research › Article in proceedings – Annual report year: 2006

The effect of slaughter operations on the contamination of chicken carcasses with thermotolerant Campylobacter
Publication: Research - peer-review › Journal article – Annual report year: 2006

A model of hygiene practices and consumption patterns in the consumer phase
Publication: Research - peer-review › Journal article – Annual report year: 2005

Estimating 4 different Salmonella prevalence values of pig carcasses from pooled samples
Sommer, H. M. & Andersen, J. S. 2004
Publication: Research - peer-review › Poster – Annual report year: 2004

Principles, application areas and an example of risk assessment conducted at the Danish Institute for Food and Veterinary Research
Publication: Research - peer-review › Journal article – Annual report year: 2004

Di(2-ethylhexyl) adipate (DEHA) induced developmental toxicity but not antiandrogenic effects in pre- and postnatally exposed Wistar rats
Publication: Research - peer-review › Journal article – Annual report year: 2003
Quantitative risk assessment of human campylobacteriosis associated with thermophilic Campylobacter species in chickens
Publication: Research - peer-review › Journal article – Annual report year: 2003

Risk assessment of the impact on human health related to multiresistant Salmonella Typhimurium DT104 from slaughter pigs
Publication: Research › Report – Annual report year: 2003

Assessment of the effect of proposed changes to the management of multi-resistant Salmonella Typhimurium DT104 in primary food animal production in Denmark
Publication: Research › Report – Annual report year: 2002

Generalized linear model with overdispersion – a case study of the toxicological effect of nickel sulphate hexahydrate on mortality rate in rats reproducibility
Publication: Research › Article in proceedings – Annual report year: 2002

In vitro and in vivo invasiveness of different pulsed-field gel electrophoresis types of Listeria monocytogenes
Publication: Research - peer-review › Journal article – Annual report year: 2002

Invasiveness of different PFGE-types of Listeria monocytogenes in Caco 2 cells
Publication: Research › Conference abstract for conference – Annual report year: 2001

Kvantitativ risikovurdering af Campylobacter jejuni i kyllinger
Publication: Research › Journal article – Annual report year: 2001

Risk assessment on Campylobacter jejuni in chicken products
Christensen, B. B., Sommer, H. M., Rosenquist, H. & Nielsen, N. 2001 First Edition ed. Mørkhøj, Denmark: Division of Microbial Safety, Institute of Food Safety and Toxicology, the Danish Veterinary and Food Administration. 140 p.
Publication: Research › Report – Annual report year: 2001

A Quantitative Risk Assessment Model for Campylobacter jejuni in chicken products: Variability and uncertainty for input distributions
Sommer, H. M., Christensen, B. B., Rosenquist, H. & L. Nielsen, N. 2000
Publication: Research - peer-review › Poster – Annual report year: 2000

Examination of reproducibility in microbiological degradation experiments
Sommer, H. M., Spliid, H., Holst, H. & Arvin, E. 1998 In : Biodegradation. 9, 1, p. 65-82
Publication: Research - peer-review › Journal article – Annual report year: 1998

Variability in microbiological degradation experiments, analysis and case study
Publication: Research › Ph.D. thesis – Annual report year: 1997

Variability in microbiological degradation experiments.
Sommer, H. M. 1997 Lyngby: Department of Mathematical Modelling, Technical University of Denmark. 225 p.
Nonlinear Parameter Estimation in Microbiological Degradation Systems and Statistic Test for Common Estimation

Proliferating cell nuclear antigen and Ki-67 immunohistochemistry of oligodendrogliomas with special reference to prognosis
HEEGAARD, S., Sommer, H. M., BROHOLM, H. & BRAENDSTRUP, O. 1995 In : CANCER. 76, 10, p. 1809-1813

Examination of reproducibility in Microbiologic degradation experiments

Non-linear parameter estimation in microbiologic degradation systems and statistic test for common estimation
Sommer, H. M., Holst, H., Spliid, H. & Arvin, E. 1993 Informatics and Mathematical Modelling, Technical University of Denmark, DTU.

Teknisk rapport No. 19
Sommer, H. M. 1993

Projects:

Biologisk vaekst i multikomponentsystemer.
Rootzén, H., Spliid, H., Sommer, H. M. & Arvin, E.
01/01/1995 → 31/12/1999
Project

Faktorforsoeg med funktionelt respons.
Rootzén, H., Spliid, H. & Sommer, H. M.
01/01/1995 → 31/12/1999
Project

Variability in Microbiological Degradation Experoment - Analysis and Case Study
Sommer, H. M. & Spliid, H.
01/04/1992 → 30/09/1997
Project: PhD

Activities:

Odds model med ordinal polynomial respons til testning af effekten af interventioner omhandlende sund mad på arbejdsplassen
Sommer, H. M. (Speaker)
1 Jan 2006 → …
Activity: Talks and presentations › Conference presentations