

CV Carsten Kirkeby

Carsten Kirkeby
Seniorforsker

Sektion, Animal Welfare and Disease Control

Postadresse:

Grønnegårdsvej 8
1870

Frederiksberg C

E-mail: ckir@sund.ku.dk

Telefon: +4535337215

Hjemmeside: <https://ivh.ku.dk/>



Ansættelse

Seniorforsker

Sektion, Animal Welfare and Disease Control

Københavns Universitet

Frederiksberg C

1 aug. 2018 → nu

Publikationer

A simulation model for highly pathogenic avian influenza spread in Danish wild birds

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Nielsen, Søren Saxmose, Krogh, M. A., Kirkeby, Carsten, Østergaard, S. & Halasa, T., 14 mar. 2019, 3 s.
www.landbrugsinfo.dk : Landbrug og fødevarer SEGES.

Brug beslutningstræet til at vælge den rigtige behandling af mastitis: Når der tages beslutninger om klinisk og subklinisk mastitis, er det væsentligt for behandlingens effekt, smittespredning og økonomi. Beslutningstræet viser, hvad simuleringssmodeller foreslår som det bedste.

Gussmann, Maya Katrin, Halasa, T., Kirkeby, Carsten & Nielsen, Søren Saxmose, 8 mar. 2019, 2 s. Landbrug og fødevarer SEGES.

Ny forskning viser vejen til at reducere både mastitis og antibiotikaforbrug. De danske landmænd kan balancere mellem antibiotikaforbrug og mastitis. Et nyt studie viser, at det er muligt at reducere begge dele

Kirkeby, Carsten, Halasa, T., Gussmann, Maya Katrin & Nielsen, Søren Saxmose, 6 mar. 2019, 2 s. Landbrug og fødevarer SEGES.

Differential Somatic Cell Count (DSCC) for Detecting Intra-mammary Infections

Kirkeby, Carsten, 29 jan. 2019.

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Holmøy, I. H., Toftaker, I., Kirkeby, Carsten, Østerås, O., Jørgensen, H. J. & Nødtvedt, A., 2019, I: Journal of Dairy Science. 102, 9, s. 8385-8399

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Toft, N., Halasa, T., Nielsen, Søren Saxmose, Hechinger, S., Zervens, L. M., Schwarz, D. & Kirkeby, Carsten, 2019, I: Preventive Veterinary Medicine. 171, 104689.

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Analysis of the dynamics of *Staphylococcus aureus* in two Danish dairy cattle herds
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Improving productivity in growing pigs by combining specific and non-specific monitoring

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The impact of microclimatic temperature on vector-borne disease transmission in Denmark

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Vector-borne disease surveillance in livestock populations: a critical review of literature recommendations and implemented surveillance (BTV-8) in five European countries

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Bødker, René, Kristensen, B., Græsbøll, K., Kirkeby, Carsten, Skovgaard, H. & Nielsen, S. A., 2012.

Evidence for *Culicoides obsoletus* group as vector for Schmallenberg virus in Denmark

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Spatial models for the distribution of *Culicoides* on a local scale

Kirkeby, Carsten, Bødker, René, Stockmarr, A. & Lind, P., 2011

An atlas of climatic and environmental determinants of present and future veterinary and zoonotic diseases in the Nordic area

Bødker, René & Kirkeby, Carsten, 2010.

Mitternes gådefulde liv

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Modelling the seasonal variation in the basic reproduction ratio for bluetongue – a model incorporating Culicoides biology to quantify the vaccination cover needed to prevent outbreaks in the Nordic countries

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Simple spatial distribution models for vector density in a field: Bloodsucking creatures from dusk to dawn

Kirkeby, Carsten, Bødker, René, Stockmarr, A., Lind, P. & Græsbøll, K., 2010

Simulating the spread of Bluetongue virus – Focused on the effects of spatial distribution of cattle

Græsbøll, K., Bødker, René, Christiansen, L. E., Enøe, C. & Kirkeby, Carsten, 2010

Association between land cover and Culicoides (Diptera: Ceratopogonidae) breeding sites on four Danish cattle farms

Kirkeby, Carsten, Bødker, René, Stockmarr, A. & Enøe, C., 2009, I: Entomologica Fennica. 20, 4, s. 228-232 5 s.

Hvor kommer mitterne fra?

Kirkeby, Carsten, 2009, I: Dansk Veterinaertidsskrift.

Kvægsygdom kontrolleres ved studier af insektadfærd

Jørgensen, S. B. & Kirkeby, Carsten, 2009, I: FoodDTU Midt i Ugen. 75

Mitternes hemmeligheder

Kirkeby, Carsten, 2009, I: Dansk Veterinaertidsskrift. 92, 23, s. 35 1 s.

Aktiviteter

PAIR Project kickoff meeting 2024

Kirkeby, Carsten (Deltager), Bjerrum, A. (Deltager) & Madsen, M. (Deltager)
23 jan. 2024 → 24 jan. 2024

The Danish Trout Case

Kirkeby, Carsten (Andet)
11 jan. 2024

Opponent for PhD defense

Kirkeby, Carsten (Redaktør)
18 okt. 2023

Short term mission award

Kirkeby, Carsten (Deltager)
18 okt. 2023

A recent Danish mastitis treatment project

Kirkeby, Carsten (Andet) & Svennesen, Line (Andet)
28 sep. 2023

Dairy Farmer and Veterinarian Perception of Udder Health Management

Kirkeby, Carsten (Andet) & Farre, M. (Andet)
27 sep. 2023

Auxiliary supervisor at University of Sydney

Kirkeby, Carsten (Deltager)
26 maj 2023

Simulating outbreaks of avian influenza within poultry flocks

Kirkeby, Carsten (Andet)
26 apr. 2023

ESFLU scientific meeting Barcelona 25-27 April 2023

Kirkeby, Carsten (Deltager)
25 apr. 2023 → 27 apr. 2023

Exploring the role of wild birds in transmitting avian influenza virus in Denmark using a spatiotemporal epidemic model

Liu, Yangfan (Oplægsholder), Kjær, Lene Jung (Andet), Boklund, Anette (Andet), Kirkeby, Carsten (Andet), Clausen, P. (Andet) & Nygaard, T. (Andet)
23 mar. 2023

One Health Summer School 2022

Kirkeby, Carsten (Inviteret foredragsholder)
15 aug. 2022 → 19 aug. 2022

Scientific Reports (Tidsskrift)

Kirkeby, Carsten (Redaktør)
10 aug. 2022

ISVEE 16 Halifax 2022

Kirkeby, Carsten (Deltager) & Denwood, Matt (Deltager)
6 aug. 2022 → 12 aug. 2022

ISVEE 16 Pre-symposium workshop

Kirkeby, Carsten (Arrangør) & Denwood, Matt (Arrangør)
6 aug. 2022 → 7 aug. 2022

Michael P. Ward

Kirkeby, Carsten (Vært)
29 apr. 2022 → 13 maj 2022

Nynke Schnipper

Kirkeby, Carsten (Vært)
14 apr. 2022 → 16 maj 2022

University of Sydney

Kirkeby, Carsten (Gæsteforsker) & Ward, M. P. (Gæsteforsker)
30 mar. 2022 → 13 apr. 2022

SVEPM 2022

Kirkeby, Carsten (Deltager)

22 mar. 2022 → 25 mar. 2022

Spatial patterns of avian influenza in wild birds from Denmark, 2006-2020

Kjær, Lene Jung (Andet), Hjulsager, C. (Andet), Larsen, Lars (Andet), Boklund, Anette (Andet), Halasa, T. (Andet), Ward, M. P. (Andet) & Kirkeby, Carsten (Andet)
25 mar. 2021

Risikofaktorer for aviær influenza i Danmark - resultatet af ROFUS projektet

Kjær, Lene Jung (Andet), Kirkeby, Carsten (Andet), Boklund, Anette (Andet), Larsen, Lars (Andet), Hjulsager, C. K. (Andet), Halasa, T. (Andet) & Ward, M. P. (Andet)
17 mar. 2021

Avian influenza in Denmark: Passive surveillance bias and future monitoring

Kirkeby, Carsten (Andet)
15 sep. 2020

Husmand / Houseman

Kirkeby, Carsten (Konsulent)
1 sep. 2020 → ...

International Colloquium for Paratuberculosis 2020

Kirkeby, Carsten (Arrangør)
14 jun. 2020 → 18 jun. 2020

Mulighederne med DSCC (Differential Somatic Cell Count)

Kirkeby, Carsten (Andet)
23 jan. 2020

Tillægsrapport af den 4. april 2020 til ekspertrapport af den 2. april 2020 vedr. matematisk modellering af COVID19 smittespredning og sygehusbelastning ved scenarier for delvis genåbning af Danmark

Kirkeby, Carsten (Deltager), Denwood, Matt (Deltager) & Halasa, T. (Deltager)
2020

Photonic classification of pests

Kirkeby, Carsten (Andet)
13 dec. 2019

Forskning og formidling

Kirkeby, Carsten (Andet)
10 sep. 2019

Introduction to Modelling of Disease Spread and Control

Kirkeby, Carsten (Arrangør) & Halasa, T. (Arrangør)
24 jun. 2019 → 28 jun. 2019

Modelling economical impact of disease in animal husbandry

Kirkeby, Carsten (Andet)
28 maj 2019

Sensitivity and Specificity of PCR and Bacterial Culture of S. aureus based on Bayesian LCA

Kirkeby, Carsten (Andet)
16 maj 2019

Cost effectiveness and mastitis intervention

Kirkeby, Carsten (Deltager)

14 maj 2019

IDF mastitis conference 2019

Kirkeby, Carsten (Arrangør)
14 maj 2019 → 16 maj 2019

Differential Cell Count (DSCC) for indicating Intramammary Infections in Dairy cows

Kirkeby, Carsten (Andet)
11 apr. 2019

Bliv opdateret på yversundhed i Danmark

Kirkeby, Carsten (Deltager) & Halasa, T. (Deltager)
10 jan. 2019

Differential cell counts – promising results from the EMCoMAST project

Kirkeby, Carsten (Andet)
31 okt. 2018

Ekstern vejleder

Kirkeby, Carsten (Deltager), Christiansen, L. E. (Deltager) & Graesboll, K. (Deltager)
4 sep. 2018 → 4 dec. 2018

One Health Summer School

Kirkeby, Carsten (Deltager)
2018

Spread and control of livestock associated methicillin resistant Staphylococcus aureus (LA-MRSA) in Danish pig herds

Kirkeby, Carsten (Eksaminator)
2018

ETALEE 2017

Kirkeby, Carsten (Deltager)
2017

EVALUATION OF ADAPTIVE TEST STRATEGIES FOR CONTROL AND ERADICATION OF PARATUBERCULOSIS WITHIN DAIRY CATTLE HERDS

Kirkeby, Carsten (Andet)
2017

One Health Summer School

Kirkeby, Carsten (Deltager)
2017

Simulating control of paratuberculosis in Danish dairy herds

Kirkeby, Carsten (Andet)
2017

One Health Summer School

Kirkeby, Carsten (Deltager)
2016

SVEPM

Kirkeby, Carsten (Deltager)
2016

Bio-economic simulation modeling: How to control Paratuberculosis on dairy farms?

Kirkeby, Carsten (Andet)

3 nov. 2015

Simulation modelling of paratuberculosis within herds

Kirkeby, Carsten (Andet)

30 sep. 2015

NEAT Economics of Animal Health workshop, Cesenatico, Italy, 2015

Kirkeby, Carsten (Deltager)

2015

One Health Summer School

Kirkeby, Carsten (Deltager)

2015

8th Annual Meeting of Epizone

Kirkeby, Carsten (Deltager)

2014

One Health Summer School

Kirkeby, Carsten (Deltager)

2014

Informations medieskole

Kirkeby, Carsten (Deltager)

2013

Priser

EDENext 2013 3rd prize PhD award

Kirkeby, Carsten (Modtager), 2013

Erasmus+ Grant

Kirkeby, Carsten (Modtager), 1 mar. 2022

MedVetNet Short Term Mission Grant

Kirkeby, Carsten (Modtager), 1 sep. 2023

Partnership Collaboration Award

Kirkeby, Carsten (Modtager), 14 dec. 2018

Partnership Collaboration Award

Kirkeby, Carsten (Modtager), 14 dec. 2019

PhD Cup 2014

Kirkeby, Carsten (Modtager), apr. 2014

Investigating nature. My main interest is to find patterns in a large variety of biological systems, extract parameters and create computer models to understand the systems. I mainly work with epidemiological methods, including estimation of transmission rates, simulation of disease outbreaks in different populations. This often includes bioeconomic modeling of the consequences and control scenarios for disease outbreaks. I also have a passion for building bridges between research areas, merging different disciplines into new methods for biological discoveries. My main research interests

include epidemiology, (lidar) entomology, amphibians, evolutionary and general biology.