

Sofie Kromann
Tenure track adjunkt

Sektion, Pathobiological Sciences
Postadresse:
Grønnegårdsvej 7
1870
Frederiksberg C
E-mail: sok@sund.ku.dk
Mobil: +4529928482
Telefon: +4535326918
Hjemmeside: <https://ivh.ku.dk/forskning/patobiologi/>

Ansættelse

Erhvervs-ph.d.

Sektion, Veterinary Clinical Microbiology
Københavns Universitet
Frederiksberg C, Danmark
1 feb. 2019 → 30 apr. 2022

Videnskabelig ass.

Sektion, Preclinical Disease Biology
Københavns Universitet
Frederiksberg C, Danmark
1 jun. 2018 → 5 feb. 2019

Videnskabelig ass.

Sektion, Preclinical Disease Biology
Københavns Universitet
Frederiksberg C, Danmark
1 jun. 2018 → 31 jan. 2019

Publikationer

A SEVERE OUTBREAK OF COLIBACILLOSIS IN BROILERS

Kromann, Sofie, Baig, S. J., Olsen, Rikke Heidemann, Edslev, S. M., Thoenfer, Ida , Bojesen, Anders Miki, Jensen, Henrik Elvang & Stegger, M., 29 aug. 2023.

Dramatic increase in slaughter condemnations due to *Escherichia coli* ST23 and ST101 within the Danish broiler production

Kromann, Sofie, Baig, S., Olsen, Rikke Heidemann, Edslev, S. M., Thoenfer, Ida , Bojesen, Anders Miki, Jensen, Henrik Elvang & Stegger, M., 2023, I: *Veterinary Microbiology*. 280, 109696.

Establishment and application of an aerogenous model of avian colibacillosis

Kromann, Sofie, Olsen, Rikke Heidemann, Bojesen, Anders Miki, Thoenfer, Ida & Jensen, Henrik Elvang, 2023.

***In vivo* models of *Escherichia coli* infection in poultry**

Kromann, Sofie & Jensen, Henrik Elvang, 2022, I: *Acta Veterinaria Scandinavica*. 64, 33.

Assessment of automated assays for serum amyloid A, haptoglobin (PIT54) and basic biochemistry in broiler breeders experimentally infected with *Escherichia coli*

Kromann, Sofie, Olsen, Rikke Heidemann, Bojesen, Anders Miki, Jensen, Henrik Elvang & Thoenfer, Ida , 2022, I: *Veterinary Research*. 53, 1, 7 s., 25.

Colibacillosis in poultry: Aetiology, pathogenesis, diagnosis, and control

Kromann, Sofie, 2022, University of Copenhagen.

Longitudinal study on background lesions in broiler breeder flocks and their progeny, and genomic characterisation of *Escherichia coli*

Kromann, Sofie, Baig, S., Stegger, M., Olsen, Rikke Heidemann, Bojesen, Anders Miki, Jensen, Henrik Elvang & Thoenner, Ida, 2022, I: *Veterinary Research*. 53, 52.

Development of an aerogenous *Escherichia coli* infection model in adult broiler breeders

Kromann, Sofie, Olsen, Rikke Heidemann, Bojesen, Anders Miki, Jensen, Henrik Elvang & Thoenner, Ida, 2021, I: *Scientific Reports*. 11, 15 s., 19556.

Protective potential of an autogenous vaccine in an aerogenous model of *Escherichia coli* infection in broiler breeders

Kromann, Sofie, Olsen, Rikke Heidemann, Bojesen, Anders Miki, Jensen, Henrik Elvang & Thoenner, Ida, 2021, I: *Vaccines*. 9, 11, 1233.

A Novel Promazine Derivative Shows High *in vitro* and *in vivo* Antimicrobial Activity Against *Staphylococcus aureus*

Ronco, T., Jørgensen, N. S., Holmer, I., Kromann, Sofie, Sheikhsamani, E., Permin, A., Svenningsen, Søren Wedel, Christensen, Jørn Bolstad & Olsen, Rikke Heidemann, 2020, I: *Frontiers in Microbiology*. 11, 12 s., 560798.

A novel derivative of thioridazine shows low toxicity and efficient activity against gram-positive pathogens

Jørgensen, N. S., Saaby, Lasse, Andersson, A. M., Kromann, Sofie, Sheikhsamani, E., Permin, A., Ronco, T., Svenningsen, Søren Wedel, Christensen, Jørn Bolstad & Olsen, Rikke Heidemann, 2020, I: *Antibiotics*. 9, 6, 11 s., 327.

Antibiotic Resistance of *Lactobacillus* spp. and *Streptococcus thermophilus* Isolated from Chinese Fermented Milk Products

Li, Y., Li, L., Kromann, Sofie, Chen, M., Shi, L. & Meng, H., 2019, I: *Foodborne pathogens and disease*. 16, 3, s. 221-228

In vitro* synergy of sertraline and tetracycline cannot be reproduced in pigs orally challenged with a tetracycline resistant *Escherichia coli

Kromann, Sofie, Hvidtfeldt, A., Boye, M., Sørensen, Dorte Bratbo, Jørgensen, S., Nielsen, Jens Peter & Olsen, Rikke Heidemann, 2019, I: *BMC Microbiology*. 19, 1, 12 s., 12.

Insight into synergetic mechanisms of tetracycline and the selective serotonin reuptake inhibitor, sertraline, in a tetracycline-resistant strain of *Escherichia coli*

Li, L., Kromann, Sofie, Olsen, John Elmerdahl, Svenningsen, Søren Wedel & Olsen, Rikke Heidemann, 2017, I: *Journal of Antibiotics*. 70, 9, s. 944-953 10 s.

Treatment with high-dose antidepressants severely exacerbates the pathological outcome of experimental *Escherichia coli* infections in poultry

Kromann, Sofie, Kudirkiene, E., Li, L., Thoenner, Ida, Daldorph, E., Christensen, Jens Peter, Meng, H. & Olsen, Rikke Heidemann, 2017, I: *PLoS ONE*. 12, 10, 15 s., e0185914.

Aktiviteter

ECVP 2023

Kromann, Sofie (Deltager) & Kristensen, Charlotte (Deltager)
30 aug. 2023 → 1 sep. 2023

Establishment and application of an aerogenous model of avian colibacillosis

Kromann, Sofie (Andet)
9 jun. 2023

Nordic Society of Veterinary Pathology 2023

Jensen, Henrik Elvang (Deltager), Leifsson, Páll S. (Deltager), Barington, Kristiane (Deltager), Becker, Cecilie Brandt (Deltager), Jørgensen, B. M. (Deltager), Kromann, Sofie (Deltager) & Flyger, Christoffer Kirkelund (Deltager)

7 jun. 2023 → 9 jun. 2023

A severe outbreak of E. coli - pathological manifestations and genomic characterization

Kromann, Sofie (Andet)

8 nov. 2022 → 10 nov. 2022

Nordic Poultry Conference 2022

Kromann, Sofie (Deltager)

8 nov. 2022 → 10 nov. 2022

Cross veterinarian

Kromann, Sofie (Deltager)

7 nov. 2022 → 8 nov. 2022

Protective potential of an autogenous E. coli vaccine – efficacy study

Kromann, Sofie (Andet)

7 nov. 2022 → 8 nov. 2022

Vacciner

Kromann, Sofie (Andet)

11 feb. 2022

Fjerkrækongres 2022

Kromann, Sofie (Deltager)

10 feb. 2022 → 11 feb. 2022