

COUNTRY: DENMARK**ONGOING MASTITIS-RELATED RESEARCH PROJECTS IN THE NORDIC COUNTRIES****JANUARY 2021**

Project title	Start yr	End yr	Contact person	Contact e-mail telephone
Mandatory <i>Streptococcus agalactiae</i> surveillance in Danish Dairy Herds	2009	Ongoing	Michael Farre	+45 87406658 MIFA@SEGES.dk
Functional validation of the genome sequence variants we have identified from the genome-wide association study using cell lines	2018	2022	Goutam Sahana	goutam.sahana@mbg.au.dk
Udder health in a top class	2019	2022	Michael Farre	+45 87406658 MIFA@SEGES.dk
Towards Herd-Specific Udder Health Management	2019	2024	Michael Farre	+45 87406658 MIFA@SEGES.dk
PhD scholarship in antibiotic resistance among mastitis causing bacteria	2019	2022	Lærke B. Astrup	lboast@vet.dtu.dk 0045 93510851
Mastitis milking parlour diagnostic	2019	2021	Lærke B. Astrup Helene Larsen	lboast@vet.dtu.dk 0045 93510851 helela@dtu.dk 0045 42440166
BovReg - Identification of functionally active genomic features relevant to phenotypic diversity and plasticity in cattle	2019	2023	Goutam Sahana	goutam.sahana@mbg.au.dk
Digital precision breeding – increased welfare and production in dairy cows (Danish part) – Transmission of pathogens	2020	2023	Svenja Woudstra Carsten Kirkeby Volker Krömker	+45 30709439 svenja.woudstra@sund.ku.dk carsten.kirkeby@sund.ku.dk volker.kroemker@sund.ku.dk
Evidence based clinical mastitis treatment	2019	2022	Jensine Wilm Volker Krömker	jensine.wilm@sund.ku.dk volker.kroemker@sund.ku.dk

Biofilm and mastitis in dairy cows	2020	2022	Regitze Pedersen Rikke Buhl Volker Krömker	+45 35332994 regitze.pedersen@sund.ku.dk rib@sund.ku.dk volker.kroemker@sund.ku.dk
New MIC-panels for mastitis-causing pathogens	2021	2021	Lærke B. Astrup & Vibeke Frøkjær Jensen	lboast@vet.dtu.dk 0045 93510851 vfe@dtu.dk
Antibiotic use in Danish cattle herds: – mixed methods longitudinal analysis of motivation changes and effects of decisions made in the context of veterinary herd health advisory.	2019	2021	Nanna Krogh Skjølstrup Dorte Bay Lastein	nannaks@sund.ku.dk dbl@sund.ku.dk 00452064115

COUNTRY: FINLAND**ONGOING MASTITIS-RELATED RESEARCH PROJECTS IN THE NORDIC COUNTRIES****JANUARY 2021**

Project title	Start yr	End yr	Contact person	Contact e-mail telephone
Virulence of <i>S. aureus</i> and coagulase-negative staphylococci (several ongoing subprojects)	2003	ongoing	Suvi Taponen, Joanna Koort, Silja Åvall-Jääskeläinen, Heli Simojoki	suvi.taponen@helsinki.fi joanna.koort@helsinki.fi silja.avall@helsinki.fi heli.simojoki@helsinki.fi
Drying-off practices in Finnish dairy herds	2016	2022	Päivi Rajala-Schultz Riitta Niemi, Maria Vilar, Mari Hovinen Heli Simojoki	paivi.rajala-schultz@helsinki.fi riitta.e.niemi@helsinki.fi
Teat diseases in Finland	2016	2022	Heli Simojoki, Niina Airas, Mari Hovinen, Päivi Rajala-Schultz	heli.simojoki@helsinki.fi niina.airas@helsinki.fi mari.hovinen@helsinki.fi paivi.rajala-schultz@helsinki.fi
Can Maldi-ToF MS differentiate <i>Staphylococcus agnetis</i> and <i>S. hyicus</i> ?	2018	2022	Suvi Taponen	suvi.taponen@helsinki.fi karin.persson-waller@sva.se
Antimicrobial resistance of mastitis causing staphylococci	2019	2021	Päivi Rajala-Schultz Suvi Taponen Heli Simojoki	paivi.rajala-schultz@helsinki.fi suvi.taponen@helsinki.fi
Antimicrobial resistance of <i>Streptococcus uberis</i> in milk samples of mastitic cows	2019	2023	Päivi Rajala-Schultz Suvi Taponen Mari Hovinen Heli Simojoki	paivi.rajala-schultz@helsinki.fi heli.simojoki@helsinki.fi
Association between weather and bulk tank milk SCC and bacterial counts	2020	2021	Hanna Castro Päivi Rajala-Schultz	hanna.castro@maitohygienialiitto.fi paivi.rajala-schultz@helsinki.fi

COUNTRY: NORWAY**ONGOING MASTITIS-RELATED RESEARCH PROJECTS IN THE NORDIC COUNTRIES****JANUARY 2021**

Project title	Start yr	End yr	Contact person	Contact e-mail telephone
Changing patterns of ovine mastitis in a Norwegian meat sheep flock: risk factors, outcomes and impacts on flock health, welfare and production	2016	ongoing	Clare Phythian, NMBU	clare.phythian@nmbu.no
Antimicrobial resistance (AMR): a sheep mastitis treatment problem or a sheep in wolf's clothing? (Moredun Research Institute/ Glasgow University & NMBU)	2016	ongoing	Ruth Zadoks, Glasgow Nuno Silva, Moredun Clare Phythian, NMBU	clare.phythian@nmbu.no
Antimicrobial resistance in bovine staphylococci	2016	2021	Yngvild Wasteson, NMBU Marte Fergestad, NMBU	yngvild.wasteson@nmbu.no
Increasing sustainability of Norwegian food production by tackling streptococcal infections in modern livestock systems	2018	2022	Hannah Jørgensen, Norwegian Veterinary Institute (NVI)/ Marit Smistad, Tine/NVI	Hannah.jorgensen@vetinst.no Marit.smistad@tine.no
Sustainable use of antimicrobials for Norwegian dairy production in the future	2020	2021	Ane Nødtvedt, NMBU Anne Cathrine Whist/Håvard Nørstebø TINE	Ane.nodtvedt@nmbu.no

COUNTRY: SWEDEN**ONGOING MASTITIS-RELATED RESEARCH PROJECTS IN THE NORDIC COUNTRIES****JANUARY 2021**

Project title	Start yr	End yr	Contact person	Contact e-mail telephone
Improved detection of mastitis in dairy cows	2016	2021	Ulf Emanuelson, SLU	Ulf.Emanuelson@slu.se
Control of <i>Streptococcus agalactiae</i> to reduce subclinical mastitis in pastoralist camel herds in Kenya	2016	2021	Erika Chenais, SVA	Erika.Chenais@sva.se +46(0)18 674098
Studies on evolution of <i>Streptococcus agalactiae</i> milk isolates in Sweden from 1953 to 2012	2016	2021	Karin Persson Waller, SVA	Karin.Persson-Waller@sva.se +46 (0)18 674000
Sensor based mastitis management in automatic milking system	2018	2023	Ulf Emanuelson, SLU	Ulf.Emanuelson@slu.se +46(0)18671826
Genotyping for better knowledge of spread, virulence and resistance of coagulase-negative staphylococci from cases of mastitis in dairy cows including zoonotic aspects	2019	2022	Karin Persson Waller, SVA	Karin.Persson-Waller@sva.se +46 (0)18 674000
Drying-off and dry cow therapy – routines and attitudes among Swedish dairy farmers and veterinarians	2019	2021	Karin Persson Waller, SVA	Karin.Persson-Waller@sva.se +46 (0)18 674000
Climate change mitigation by a sustainable water buffalo dairy chain in Bangladesh.	2019	2022	Ylva Persson, SVA	Ylva.persson@sva.se +46(0)18674000
Extreme weather – impacts on health and productivity of dairy cows	2019	2022	Ulf Emanuelson, SLU	Ulf.emanuelson@slu.se +46 (0)18 671826
Optimal antibiotic treatment of acute clinical mastitis in dairy cows – a possibility to reduce the use of antibiotics without reducing treatment efficacy	2020	2023	Karin Persson Waller, SVA	Karin.Persson-Waller@sva.se +46 (0)18 674000
Mastitis in a sustainable dairy production - strategies and recovery	2020	2023	Lisa Ekman, SLU	Lisa.ekman@slu.se +46 (0)18 671000
Understanding antibiotic use decision making in contrasting countries and animal species - On the road to reducing antimicrobial resistance	2020	2022	Gabriela Olmos Antillón, SLU	gabriela.olmos.antillon@slu.se +46 (0)18 671000

Precision livestock breeding – improving both health and production in dairy cattle	2020	2022	Lars Rönnegård, SLU	Lars.Ronnegard@slu.se
Biosecurity, herd health management and milk production in smallholder farms in northern province Rwanda	2020	2024	Renée Båge, SLU	Renee.bage@slu-se