

COUNTRY: DENMARK**ONGOING MASTITIS-RELATED RESEARCH PROJECTS IN THE NORDIC COUNTRIES****JANUARY 2025**

Project title	Start year	End year	Contact person	Contact e-mail / telephone
Mandatory Streptococcus agalactiae surveillance in Danish Dairy Herds	2009	Ongoing	Michael Farre	+45 23835400 MIFA@SEGES.dk
PhD-project: Towards herd-specific udder health management	2019	2025	Michael Farre	+45 23835400 MIFA@SEGES.dk
Selective DCT at quarter level with responsibly consumption of antimicrobials	2025	2026	Carsten Kirkeby, Anni Øyan, Leo de Knegt, Nadja Alsted, Line Svennesen	carsten.kirkeby@sund.ku.dk
Safe diagnostics i B-streptococci herds	2023	2025	Michael Farre, Malene Budde, Malene Byskov, Line Svennesen	MIFA@SEGES.dk
Climate, animal welfare and economy in healthy cows (KlimaKS)	2022	2025	Søren Østergaard, Mogens Agerbo Krogh, Karl Pedersen	soren.ostergaard@anivet.au.dk
Assess the economic and societal burden of selected priority diseases and production diseases. EU Partnership of Animal Health and Welfare	2024	2026	Søren Østergaard, Mogens Agerbo Krogh, Karl Pedersen	soren.ostergaard@anivet.au.dk
Assess the economic and societal burden of selected priority diseases and production diseases. EU Partnership of Animal Health and Welfare	2024	2026	Søren Østergaard, Mogens Agerbo Krogh, Karl Pedersen	soren.ostergaard@anivet.au.dk
Antibiotic free laser treatment of dairy cows with mastitis: (MastZap)	2025	2027	Vivi Mørkøre Thorup, Morgens Agerbo Krogh	vivim.thorup@anivet.au.dk

COUNTRY: FINLAND**ONGOING MASTITIS-RELATED RESEARCH PROJECTS IN THE NORDIC COUNTRIES****JANUARY 2025**

Project title	Start yr	End yr	Contact person	Contact e-mail
Interaction of <i>S. aureus</i> and the bovine udder	2024	2029	Suvi Taponen, Terhi Iso-Touru, Joanna Koort, Silja Ävall-Jääskeläinen	suvi.taponen@helsinki.fi joanna.koort@helsinki.fi silja.avall@helsinki.fi terhi.iso-touru@luke.fi
Antimicrobial resistance of mastitis pathogens – 2022 survey	2022	2025	Tiina Autio, Päivi Rajala-Schultz Heli Simojoki	tiina.autio@ruokavirasto.fi
<i>Streptococcus uberis</i> mastitis - Prevalence, risk factors, and genetic variation in dairy herds	2024	2027	Päivi Rajala-Schultz Riitta Niemi Tiina Autio Muusa Takala	paivi.rajala-schultz@helsinki.fi riitta.e.niemi@helsinki.fi tiina.autio@ruokavirasto.fi
Multiplex PCR as a diagnostic method for mastitis in dairy cattle: Cycle threshold and its value to prognosis	2025	2029	Riitta Niemi Mari Hovinen Päivi Rajala-Schultz Marianne Huuskonen	riitta.e.niemi@helsinki.fi mari.hovinen@helsinki.fi
Application of 16S rRNA sequencing as a diagnostic tool for mastitis milk sample analysis	2024	2025	Riitta Niemi Johanna Muurinen Hanna Castro	riitta.e.niemi@helsinki.fi

COUNTRY: NORWAY

ONGOING MASTITIS-RELATED RESEARCH PROJECTS IN THE NORDIC COUNTRIES

JANUARY 2025

Project title	Start yr	End yr	Contact person	Contact e-mail
New Approaches to MASTitis treatment and Effective prevention: NAMASTE	2022	2025	Ingrid Holmøy, NMBU Håvard Nørstebo TINE	ingrid.holmoy@nmbu.no
Trawl: Applying transmission model techniques and biosensor data to improve animal health and welfare in Norwegian dairy herds	2021	2026	Camilla Kielland, NMBU	camilla.kielland@nmbu.no
HoliCow: A holistic approach to an old problem: deciphering complex host-microbiome-pathogen relationships in bovine mastitis	2021	2025	Davide Porcellato, NMBU	davide.porcellato@nmbu.no
Elucidating the biology of bovine mastitis pathogens by novel molecular tools (PhD)	2022	2024	Davide Porcellato, Marita Torrisen, NMBU	davide.porcellato@nmbu.no
iKu – Innovative analyses of milk components, sensor and registry data for improved breeding, health, and reproduction in dairy cows	2022	2027	Olav Reksen NMBU	olav.reksen@nmbu.no
Vaccination against Staphylococcus aureus in Norwegian dairy goat herds	2024	2025	Erik Georg Granquist, NMBU	erikgeorg.granquist@nmbu.no
Investigating ecological interactions between host, pathogen, and microbiome - to solve the mastitis problem in dairy cows	2024	2026	Alicja Monika Krysmann, NMBU	alicja.monika.krysmann@nmbu.no

COUNTRY: SWEDEN

ONGOING MASTITIS-RELATED RESEARCH PROJECTS IN THE NORDIC COUNTRIES

JANUARY 2025

Project title	Start yr	End yr	Contact person	Contact e-mail telephone
Understanding antibiotic use decision making in contrasting countries and animal species - On the road to reducing antimicrobial resistance	2020	2025	Gabriela Olmos Antillón, SLU Nils Fall, SLU	gabriela.olmos.antillon@slu.se +46 (0)702891055 nils.fall@slu.se
Evaluation of a vaccine against <i>S. aureus</i> mastitis through experimental infusion	2023	2025	Josef Dahlberg, SLU	Josef.Dahlberg@slu.se +46 (0)18 671000
Mapping the road for a sustainable digitalization within dairy production	2022	2025	Lisa Ekman, SLU	Lisa.Ekman@slu.se +46 (0)10 4710725
<i>Streptococcus agalactiae</i> in FriskKo-herds from 2012 to 2024 – prevalence and infection dynamics	2024	2025	Åsa Lundberg, Växa	Asa.Lundberg@vxa.se +46 (0)10 4710647
Uncommon mastitis pathogens in Sweden – can we use DHI data to increase knowledge about these?	2024	2025	Ann Nyman, Växa	Ann.Nyman@vxa.se +46 (0)10 4710656
Dry cow treatment – using DHI data to investigate outcome of infection	2024	2025	Åsa Lundberg, Växa	Asa.Lundberg@vxa.se +46 (0)10 4710647
Somatic cell count patterns indicating new infection or chronic status	2024	2025	Ann Nyman, Växa	Ann.Nyman@vxa.se +46 (0)10 4710656
Key indicators to find herds with a high proportion of cows with clinical diseases to use if no veterinary data is available	2024	2025	Ann Nyman, Växa	Ann.Nyman@vxa.se +46 (0)10 4710656
DigiGuard: Digitalization for mastitis prevention and resilience enhancement in dairy cows	2025	2026	Hector Marina, SLU Lars Rönnegård, SLU Ann Nyman, Växa	Hector.Marina@slu.se +46 (0) 18 671000 Lars.Ronnegard@slu.se +46 (0)18 671000 Ann.nyman@vxa.se +46 (0)10 471 06 56