

Seminar on Nordic Mastitis Research – ongoing projects and future research needs

UPPSALA, SWEDEN, SEPTEMBER 12-13, 2018

Where? Room "Långskeppet", National Veterinary Institute (SVA)
Phone +46 (0)18 674000; Web site: www.sva.se

Program (see page 2 for details on presentations etc)

Day	Time	Subject	Moderator
Wed Sep 12	11.00	Welcome to SVA + practical issues + short presentation of participants	Karin Persson Waller
	11.10	Introduction to the network and aims of the seminar	Päivi Rajala-Schultz
	11.30	Session 1 = Diagnostics	Ylva Persson
	12.30	Lunch	
	13.30	Continued Session 1 = Diagnostics	Ylva Persson
	14.30	Session 2 = Discussion on Question 1	Carsten Kirkeby
	15.00	Coffee break	
	15.30	Continued Session 2	Carsten Kirkeby
	16.00	Session 3 = Control	Olav Østerås
	17.30	Session 4 = Discussion on Question 3	Ilka Klaas
	18.00	Summary of the day + practical issues	Karin PW
	18.15	Buffé dinner at the vet student house, Ultuna	
Thu Sep 13	8.30	Session 5 = Pathogenesis/infection epidemiology	Heli Simojoki
	10.00	Coffee break	
	10.30	Session 6 = Miscellaneous	Camilla Kielland
	12.00	Lunch	
	13.00	Final discussion and priorities of ideas for future research needs	Päivi RS & Karin PW
	13.45	Summary of the seminar and future activities	Päivi RS
	14.00	End of seminar	

Detailed program – Sessions 1-6

WEDNESDAY 12.9.2018

Session 1 = Diagnostics Wednesday 11.30 – 12.30 and 13.30-14.30 *(Ylva)*

11.30 Carsten Kirkeby: On the added value of differential somatic cell count for detection of subclinical mastitis in dairy cows

11.45 Håvard Nørstebø: Milking-to-milking variability in somatic cell count in an automatic milking system: preliminary results

12.0 Dorota Anglart: Improved mastitis detection in automatic milking systems

12.15 Lærke Boye Astrup: On-farm culture - diagnostic validation and apparent pathogen prevalences in Denmark

Break - Lunch

13.30 Heidi Hiitiö: PCR in mastitis diagnostics

13.45 Suvi Taponen: Milk microbiome

14.00 Discussion on Question 2 = Knowledge gaps related to the topic *(Ylva)*

Session 2 = Discussion on Question 1 Wednesday 14.30 – 15.00 and 15.30-16.00

Important trends, opportunities and challenges *(Carsten)*

Session 3 = Control Wednesday 16.00-17.30 *(Olav)*

16.00 Elena Kirsanova: Detection of candidate genes affecting chronic subclinical mastitis in Norwegian Red by combining topological association domains in pathway enrichment analysis

16.15 Riitta Niemi: Use of antimicrobials at dry-off in Finnish dairy farms"

16.30 Maya Gussman: Modelling intramammary infections and intervention strategies in dairy cattle herds

16.45 Karin Persson Waller: Risk factors for mastitis among first parity cows

17.00-17.30 Discussion on Question 2 = Knowledge gaps related to the topic *(Olav)*

Session 4 = Discussion on Question 3 Wednesday 17.30 – 18.00

Do we need Nordic mastitis research? *(Ilka)*

THURSDAY 13.9.2018

Session 5 = Pathogenesis/infection epidemiology Thursday 8.30-10.00 *(Heli)*

8.30 Line Svennesen: Results from an expert analysis on different intramammary infection patterns

8.45 Anri Timonen: The effect of *Mycoplasma bovis* intramammary infection to cow production indices and elimination during the dry period

9.00 Ingrid Olsaker: Transcription profiling of monocyte-derived macrophages infected in vitro with two strains of *Streptococcus agalactiae*

9.15 Karin Artursson: *Staphylococcus aureus*: From genetics to clinic

9.30 Discussion on Question 2 = Knowledge gaps related to the topic *(Heli)*

Session 6 = Miscellaneous Thursday 10.30-12.00 *(Camilla)*

10.30 Nina Lind: Farmer wellbeing and mastitis

10.45 Josef Dahlberg: Evaluation of pain during experimentally induced mastitis

11.00 Lisa Ekman: Udder cleft dermatitis in Swedish dairy cows

11.15 Clare Phythian: Changing patterns of mastitis in a Norwegian sheep flock

11.30 Discussion on Question 2 = Knowledge gaps related to the topic *(Camilla)*