

Agenda

10:00 a.m. **Welcome**

10:15 a.m. **The skinny on fat**

Christine Murray-Kerr, Ph.D., Grober Nutrition



Ever wonder where the fat in your milk replacer comes from? Get the skinny on each type of fat that can be used and the benefits and disadvantages of each for digestion, growth and health.

10:35 a.m. **University of Guelph calf research spotlight**



Colostrum feeding strategies and colostrum supplementation beyond day one

Hannah McCarthy, M.Sc., University of Guelph

Colostrum feeding strategies for Holstein and crossbreed calves to ensure successful transfer of passive immunity in calves, and colostrum supplementation beyond day one, and its impacts on calf health.



Impact of colostrum consumption at birth and marketing feeding strategies in the recovery of dairy-beef calves after transportation

Lucia Pisoni, DVM, Ph.D., University of Guelph

How insufficient colostrum consumption at birth and nutrient restriction during marketing and transportation influence the recovery of calves during the first week after arrival at rearing farms, and the effects they have on performance, energy status, and gut functionality.



When should we treat a diarrheic calf with antimicrobial drugs?

Luiza Stachewski Zakia, DVM, University of Guelph

Based on research identifying criteria and evaluating an evidence-based treatment algorithm, learn which calves with diarrhea should be treated and when.

11:10 a.m. **Pain management for calves**

Charlotte Winder, DVM, DVSc., University of Guelph



The science behind using pain management for various conditions and procedures in calves, including scours, respiratory disease, navel infections, extra teat removal, disbudding and castration.

11:50 a.m. **Taking the challenge out of weaning**

Kathleen Shore, M.Sc., Grand Valley Fortifiers



Connecting research demonstrating the link between gut health and calf health status to on-farm practices is important to maintain calf growth through weaning and ensure the animals remain profitable members of the herd.

12:30 p.m. **Lunch**

1:40 p.m. **Impacts on calf health and performance**

Aaron Keunen, Mapleview Agri Ltd.



Highlights of research conducted at Mapleview Agri Ltd., focusing on the economic impact of various factors associated with calf health and nutrition.

2:00 p.m. **Ontario cattle health update and current biosecurity recommendations**

Cynthia Miltenburg, DVM, DVSc., Ontario Ministry of Agriculture, Food and Agribusiness



Learn about the current calf health risks for Ontario calves from both existing and emerging diseases and what measures producers can take to protect their herds.

2:35 p.m. **KEYNOTE PRESENTATION:**

Preconditioning and early disease detection to rationalize antimicrobial use for respiratory disease

Bart Pardon, DVM, Associate Professor, Ghent University (Belgium)



High disease pressure and rapid spread of respiratory disease has made group antimicrobial treatments a cornerstone of calf health. How efficacious are those treatments actually? And how practical and effective could individual treatment be? What alternatives are there, such as vaccination or preconditioning, that can reduce the number of required dosages? Dr. Pardon will address these questions using the results of recent research, including lung ultrasound.

3:30 p.m. **Wrap-up**

Agenda is subject to change.

Visit calfcare.ca for the latest information and more details.

Bonus talk
available exclusively online -

sponsored by:



Optimizing phase feeding in the postnatal period to prevent scours

Dr. Mike Nagorske, Saskatoon Colostrum Company Ltd.