

Monday, October 23, 2023

3:30 PM Program Committee/Moderators meeting – Bluebell Conference Room

4:30 - 6:30 Registration (*Dinner on your own*) – Red Oak Foyer

Opening Session: Moderators: *Matt Lucy, University of Missouri & Albert De Vries, University of Florida*

6:30 Welcome & recognitions. ADSA Discover Conference Director & Program Co-Chairs

6:45 The story of productive lifespan. *Gavin Staley, Diamond V*

7:10 The story of productive lifespan. *Steve Eicker, VAS*

7:35 Questions for speakers. *Moderator: Daryl Nydam, Cornell University*

8:00 Panel: International perspectives on cattle lifespan. Panel Moderator: *Corey Geiger, CoBank*

8:30 Welcome Reception – Prairie River (lower level)

Tuesday, October 24, 2023

7:00 - 8:00 AM Continental breakfast – Black Break area

Session 1: Aging and health of highly metabolic animals. Moderator: *Matt Lucy, University of Missouri*

8:00 Welcome and Announcements

8:10 Why do dairy cows “wear out”? *Matt Lucy, University of Missouri*

8:40 Fetal stress and longevity. *Geoff Dahl, University of Florida*

9:10 Discussion by all participants

9:45 Break – Black Break area

10:15 Health aspects of survival in dairy cattle. *Stephen LeBlanc, University of Guelph*

10:45 Effect of housing and facilities management on longevity. *Elsa Vasseur, McGill University*

11:15 Discussion by all participants

11:45 Panel: Basic and applied questions related to aging and health. Panel Moderator: *Matt Lucy, University of Missouri*

12:30 Lunch – Burnham’s Restaurant

Session 2: Genetics and new phenotypes related to survival. Moderator: *Christine Baes, University of Guelph*

1:30 PM Genetics of productive life. *Christine Baes, University of Guelph*

2:00 Novel traits related to productive life. *Nic Friggens, French National Institute for Agriculture, Food and Environment (INRAE)*

2:30 Discussion by all participants

3:15 Break – Black Break area

3:45 Consumer and customer expectations for dairy cow lifespan. *Kaitlyn Briggs, Dairy Management Inc.*

4:15 Discussion by all participants

4:35 Panel: Genetics industry perspectives on longevity. Panel Moderator: *Corey Geiger, CoBank*

5:00 Adjourn (*Dinner on your own*)

Wednesday, October 25, 2023

7:00 - 8:00 AM Continental breakfast – Black Break area

Session 3: Nutrition programs for long and profitable lives. Moderator: *Paul Kononoff, University of Nebraska-Lincoln*

8:00 Feeding and managing the dairy heifer to maximize her productive life. *Jim Quigley, Cargill*

8:30 Feeding dairy cows for healthy, productive lives. *Mike VandeHaar, Michigan State University*

9:00 Microbiome and its relationship to health and survival. *Lautaro Rostoll Cangiano, University of Wisconsin*

9:30 Discussion by all participants

10:15 Break – Black Break area

10:45 Panel: Producer perspectives – Feeding calves and cows to optimize their time in the herd. Panel Moderator: *Kimmi Devaney, Progressive Dairy*

11:30 Lunch – Burnham’s Restaurant

Session 4: Reproductive and economic decision making to optimize productive life. Moderator: *Nic Friggens, French National Institute for Agriculture, Food and Environment (INRAE)*

12:30 PM Economic drivers of optimal dairy cattle replacement rates - *Albert De Vries, University of Florida*

1:00 Reproductive decision making in the future and relationship with productive life. *Paul Fricke, University of Wisconsin*

1:30 Improving replacement decisions: Cows own worth. *Donagh Berry, TEAGASC*

2:00 Discussion by all participants

2:30 Break – Black Break area

3:00 Optimizing the quality and quantity of replacement heifers. *Mike Overton, Zoetis*

3:30 Reproduction and productive life: improving insemination decisions. *Julio Giordano, Cornell University*

4:00 Discussion by all participants

4:30 Producer panel: How I make replacement decisions. Panel Moderator: *Daryl Nydam, Cornell University*

5:15 Adjourn (*Dinner on your own*)

Thursday, October 26, 2023

7:00 - 8:00 AM Continental breakfast – Black Break area

Session 5: Environmental sustainability and productive life. Moderator: *Elsa Vasseur, McGill University*

8:00 Announcements

8:10 Productive lifespan's role in the carbon footprint dairy production. *Caeli Richardson, AbacusBio, Scotland, UK*

8:40 Is a longer productive life good for both the environment and profitability? *Julie Brastrup Clasen, Aarhus University*

9:10 Culling to improve environmental sustainability. *Daryl Nydam, Cornell University*

9:40 Discussion by all participants

10:10 Break – Black Break area

10:25 The future of productive life and environment in dairy cattle. *Jude Capper, Livestock Sustainability Consultancy*

10:55 Discussion by all participants

11:30 Key points, wrap up

11:45 Adjourn