Monday October 26, 2020
4:30 PM  Program Committee/Moderators meeting
5:00 - 7:00 Registration (Dinner on your own) – Red Oak Foyer

7:00 – 9:00 PM Opening Session – Red Oak Ballroom
Moderators: Stephen LeBlanc, University of Guelph & Phil Cardoso, University of Illinois
Welcome. Larry Miller, DISCOVER Conference Series and DC39 Co-chairs Stephen LeBlanc, University of Guelph and Phil Cardoso, University of Illinois
Conference Keynote Speaker: How far have we come since 1999 and what is still needed in transition cow health? Jim Drackley, University of Illinois
Welcome Reception – Prairie River (lower level)

Tuesday October 27, 2020
7:00 - 8:00 AM Continental breakfast – Black Break Area, Red Oak Foyer

8:00 AM – 12:30 PM Session 1: Physiology
Moderator: Heather White, University of Wisconsin
Welcome and Announcements
Nutrient partitioning revisited: Can we quantify insulin resistance in dairy cows? Do we want to change it? Can we? Joe McFadden, Cornell University and Maya Zachut, Volcani Center
Discussion by all participants
10:00-10:30 Break – Black Break Area, Red Oak Foyer
Fatty acid metabolism and nutrition. Adam Lock, Michigan State University
Hypocalcemia. Laura Hernandez, University of Wisconsin
Discussion by all participants
12:30-1:30 Lunch – Burnham’s Restaurant

1:30 – 5:15 PM Session 2: Inflammation and Immune Function
Moderator: Katy Proudfoot, The University of Prince Edward Island
Can we define/measure it? What causes it? Can we/should we limit it through diet or treatments? Erminio Trevisi, Catholic University of the Sacred Heart, Italy and Lance Baumgard, Iowa State University
Discussion by all participants
3:00-3:30 Break – Black Break Area, Red Oak Foyer
Oxidative stress. Lorraine Sordillo, Michigan State University
Nutrition to minimize oxidative stress. Bill Weiss, The Ohio State University
Discussion by all participants
5:15 Adjourn

Wednesday October 28, 2020
7:00 - 8:00 AM Continental breakfast – Black Break Area, Red Oak Foyer

8:00 AM – 12:30 PM Session 3: Management and Feeding
Moderator: Buzz Burhans, Dairy-Tech Group
Feeding transition cows - what is new and what do we still need to learn? Tom Overton, Cornell University
Rumen adaption and SARA. Greg Penner, University of Saskatchewan
Nutrition strategies for improved health, production, and fertility during the transition period. Phil Cardoso, University of Illinois
Discussion by all participants
10:15-10:45 Break – Black Break Area, Red Oak Foyer
Behavior and disease post-partum: insights from cattle and other species. Katy Proudfoot, The University of Prince Edward Island
Design and effects of housing on cow behavior and health. Nigel Cook, University of Wisconsin
Discussion by all participants
12:30-1:30 Lunch – Burnham’s Restaurant

1:30 – 4:45 PM Session 4: Monitoring and Analysis
Moderator: Phil Cardoso, University of Illinois
  Monitoring systems for transition cow health. Miel Hostens, University of Ghent
  Milk MIR to monitor transition cow health. Heather Dann, William H. Miner Agricultural Research Institute
  Discussion by all participants

3:00-3:30 Break – Black Break Area, Red Oak Foyer
  Design and interpretation of studies on transition cows. Nora Bello, Kansas State University
  Discussion by all participants

4:45 Adjourn

Thursday October 29, 2020
7:00 - 8:00 AM Continental breakfast—Black Break Area, Red Oak Foyer

8:00 - 11:45 AM Session 5: Health
Moderator: Stephen LeBlanc, University of Guelph
  Adaptation to negative energy balance. Heather White, University of Wisconsin
  Debate: Ketosis is not a disease. Lance Baumgard, Iowa State University and Todd Duffield, Ontario Veterinary College
  Discussion by all participants

10:00-10:30 Break – Black Break Area, Red Oak Foyer
  Preventing hypocalcemia. José Santos, University of Florida
  Discussion
  Wrap-up and next steps. Jim Drackley, University of Illinois

11:45 Adjourn