The University of Guelph
Swine Research Day Program

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Thurs May 9, 2019
8:30 AM - 4:30 PM
Creelman Hall, University of Guelph

8:30 am – light breakfast pastries and tea/coffee, pick up name tags and proceedings

Morning Session

9:00 Welcome

9:15 Dr. Kees de Lange Memorial Lecture

- Keynote Speaker Dr. Martin Nyachoti, University of Manitoba. “Dietary manipulation to support gut health and function in piglets”

10:00 Centralia Swine Research Update (CSRU) Graduate Student POSTER Competition: 2 minute oral pitches

- POSTER #1 Leann Denich “Investigation into the serotypes of Streptococcus suis isolates in nursery pigs in Ontario, Canada”
- POSTER #2 Stefan Lazic “Effects of individual vs. group housing system post-weaning on reproductive performance of sows”
- POSTER #3 Michelina Crosbie “Standardized ileal digestible amino acids in black soldier fly larvae meal (Hermetia illucens) fed to growing pigs”
- POSTER #4 Sarah Hill “The relationship between tonsil microbiota and clinical Streptococcus suis infection in nursery pigs”
- POSTER #5 Maggie Henry “The risk factors of tail-biting in swine: a scoping review”
- POSTER #6 Wenyi Fan “Digestive and post-absorptive utilization of dietary crude protein was not affected by feed antibiotics in weanling pigs”
- POSTER #7 Nicole Gregory “Impact of a high-fibre feeding regimen for developing gilts on subsequent lactation performance and incidence of lameness”

10:20 Break and Poster Session (all students/authors to be by their posters at this time)

10:50 Centralia Swine Research Update (CSRU) Graduate Student ORAL Presentation Competition – MSc category

- 10:50 Amy (Ziyu) Zhou “Defining pig sort loss with a simulation of various marketing options of pigs with the assumption that marketing cuts improve variation in carcass weight and leanness”
- 11:05 Victoria Stewart “Precision feeding of gestating first parity sows improves sow body weight gain in late gestation”
- 11:20 Karen De Bryun “Growth performance in antibiotic-free and conventional nursery herds in Ontario”

11:45 Ontario Pork research program update
12:00 Buffet Lunch – sponsored by Ontario Pork, and Poster Session

- **12:00-12:45 CSRU Student Poster Competition Judging** – students participating in poster competition to be by their posters during this time for judging

**Afternoon Session**

1:15 The Dr. Mike Wilson Keynote Presentation
- Keynote Speaker Dr. Marcelo Gottschalk, Université de Montréal. “*Streptococcus suis*: struggling to control disease”

2:00 Centralia Swine Research Update (CSRU) Graduate Student ORAL Presentation Competition – **PhD category**

- 2:00 Christine Bone “The synthesis of sulfated 16-androstene steroids by porcine Leydig cells and their potential involvement in the development of boar taint”
- 2:15 Lee Wisener “Non-antibiotic approaches to reduce the need for antibiotics in nursery pig production: A scoping review”
- 2:30 Kristen Reynolds “Assessment of the analgesic efficacy of ketoprofen and meloxicam when compounded with iron dextran and administered to piglets at the time of castration using chute navigation”

2:45 **Break and Poster Session** (all students/authors to be by their posters at this time)

3:15 Faculty Research Presentations

- 3:15 Dr. Benjamin Bohrer, Department of Food Science “Techniques of pork quality determination”
- 3:30 Dr. Amy Greer, Department of Population Medicine “Using modeling and simulation to support disease prevention and control programs”
- 3:45 Dr. Bob Friendship, Department of Population Medicine “40 years of accumulated wisdom”

4:00 Centralia Swine Research Update Graduate Student Awards Presentation

4:15 Closing remarks and adjourn