Monday 22 June
16:00 – 19:00 Registration
19:00 – 20:00 Buffet dinner

Tuesday 23 June
08:30 Registration opens

Session 1: Ruminants (Lecture Room 9, Food Science Building)

09:30 Effects of negative energy balance and inflammation on the reproductive tract in dairy cows - Heinrich Bollwein, University Zurich, Switzerland

10:15 Concentrate feeding strategies for grazing dairy cows - Frank Dunshea, University of Melbourne, Australia

11:00 Coffee

11:30 On farm Practical interpretation of mineral availability in ruminants – Peter Bone, Ruminant Mineral Consultancy Ltd, UK

12:15 Lab based assessment of mineral availability in ruminants – Nigel Kendall, University of Nottingham, UK

13:00 Lunch

14:00 Techniques for monitoring, detection and diagnosis of metabolic problems in dairy cattle - Alastair Macrae, University of Edinburgh, UK

14:45 Effects of essential oils on rumen fermentation and performance in ruminants - Sergio Calsamiglia, University of Barcelona, Spain

15:30 Tea

Session 2: Microbiomes (Lecture Room 9, Food Science Building)

16:00 The rumen microbiome: future prospects and applications in animal nutrition - John Wallace, University of Aberdeen, UK

16:45 The gut microbiome: future prospects and applications in animal nutrition and health - Martin Woodward, University of Reading, UK

17:30 End of session

18:30 Pre-dinner drinks reception

19:00 Conference Dinner
**Wednesday 24 June**
08:30 Registration opens

**Session 3: General (Lecture Room 9, Food Science Building)**

09:30 Feeding a growing population: the increasing demand for high quality food – Jean Kennedy, Devenish Nutrition, UK

10:15 Developments and forecasts for livestock production in China – Te Chung Wang, Anyou Biotechnology Group, China

11:00 Coffee

**Session 4: Non-ruminants (Lecture Room 9, Food Science Building)**

11:30 Omega-3 fatty acids and reproduction in pigs – John Rooke, SRUC, UK

12:15 Biotech approaches for generating seeds with high n-3 PUFA content – Johnathan Napier, Rothamsted Research, UK

13:00 Lunch

14:00 New concepts in calcium evaluation for growing pigs – Carrie Walk, AB Vista, UK

14:45 The Pig – 2025: advances in genetics – Grant Walling, JSR Genetics Limited, UK

15:30 Trends and opportunities in the UK pig feed market and supply trade – Stephen Howarth, AHDB, UK

16:15 Tea and end of conference