



6th International Workshop on *Streptococcus suis* (6th IWSs): Emerge of pathogenicity and antimicrobial resistance with intensive farming: challenges and solutions

September 5-6, 2025

University of Cambridge, Pembroke College, UK

PRELIMINARY CONFERENCE SCHEDULE

DAY 1
SEPTEMBER 5TH, 2025

8:00 – 8:30

Registration

8:30 – 8:45

Welcome words

Prof. Dan Tucker

THEME 1

STREPTOCOCCUS SUIS HUMAN AND SWINE INFECTIONS: VIRULENCE FACTORS AND HOST-PATHOGEN INTERACTIONS

Chairman: to be decided (TBD)

8:45 – 9:20

Keynote lecture: Navigating host barriers: Sensory systems and phase-variable epigenetics in *Streptococcus suis*

Prof. Jerry Wells (Wageningen University, THE NETHERLANDS)

9:20 – 9:55

Keynote lecture: title to come

Prof. Anding Zhang (Huazhong Agricultural University, CHINA)

9:55 – 10:10

To be determined (TBD)

10:10 – 10:25

TBD

10:25 – 11:00

COFFEE BREAK (35 min)

11:00 – 11:35

Keynote lecture: Deciphering the unknown: Analysis of *Streptococcus suis* cell wall glycans and glycolipids

Dr. Nicolas Gisch (Research Center Borstel, Leibniz Lung Center, GERMANY)

11:35 – 11:50

TBD

11:50 – 12:10

GOLD SPONSOR PRESENTATION

The IgM protease of *S. suis*, a cross-protective vaccine antigen: prevalence, subtyping and pig vaccination-challenge studies.

Dr. Tom Jacobs (MSD, The Netherlands)



12:10 – 13:45

LUNCH & POSTER SESSION (95 min) (ALL THEMES)

THEME 2

GENOMICS, EVOLUTION OF PATHOGENESIS AND MOLECULAR EPIDEMIOLOGY

Chairman: TBD

13:45 – 14:20

Keynote lecture: In the shadow of *Streptococcus suis*: A genomic look at emerging streptococcal lineages

Prof. Nahuel Fittipaldi (University of Montreal, CANADA)

14:20 – 14:35

TBD

14:35 – 14:50

TBD

14:50 – 15:30

COFFEE BREAK & POSTER SESSION (40 min)

15:30 – 16:05

Keynote lecture: Zoonotic potential of *Streptococcus suis*

Prof. Constance Schultsz (University of Amsterdam, THE NETHERLANDS)

16:05 – 16:20

TBD

16:20 – 16:35

TBD

16:35 – 17:05

Special lecture: Disease emergence and livestock intensification

Prof. James Wood (University of Cambridge, UK)

17:05 – 17:15

Day 1 closing words and housekeeping messages (Dr. Lucy Weinert)

19:00 – 22:00

FAREWELL DINNER

DAY 2
SEPTEMBER 6TH, 2025

THEME 3

DIAGNOSIS, FARM MANAGEMENT AND DISEASE CONTROL IN THE ERA OF ANTIMICROBIAL REDUCTION

Chairman: Prof. Matheus Costa (Canada)

8:30 – 9:05

Keynote lecture: Phages infecting *Streptococcus suis*: are they there and should we care?

Dr. John Kenny (Teagasc Food Research Centre, IRELAND)

9:05 – 9:20

TBD

9:20 – 9:35

TBD

9:35 – 9:50

TBD

9:50 – 10:05

TBD

10:05 – 10:20

TBD

10:20 – 11:05

COFFEE BREAK & POSTER SESSION (45 min)

11:05 – 11:40

Keynote speaker: Trying to overcome the challenges in developing an effective vaccine against *Streptococcus suis*: selecting candidates and optimizing administration for maximum impact

Prof. Marcelo Gottschalk (University of Montreal, CANADA)

11:40 – 12:00

GOLD SPONSOR PRESENTATION

High diversity of *Streptococcus suis* isolates from diseased pigs in Europe and its effective management by autogenous *S. suis* bacterins

Dr. Paloma Suarez (CEVA Animal Health)



Ceva Animal Health

12:00 – 13:00

LUNCH & POSTER SESSION (60 min)
(ALL THEMES)

THEME 4

ANTIMICROBIAL RESISTANCE AND POLICY DEVELOPMENT

Chairman: TBD



13:00 – 13:35

Keynote lecture: Dissemination of antimicrobial resistance genes by chromosomal mobile genetic elements in *Streptococcus suis*

Dr. Sophie Payot (French National Institute for Agriculture, Food, and Environment, FRANCE)

13:35 – 13:55

Invited conference: Adaptation to farming practices: the evolution of pathogenicity and drug-resistance in *Streptococcus suis*

Dr. Gemma Murray (University of Cambridge, UK)

13:55 – 14:10

TBD

14:10 – 14:30

Invited conference: Antibiotic use in pigs in the UK: Progress, solutions and barriers to the global AMR issue

Dr. Mandy Nevel (UK Agriculture and Horticulture Development Board)

14:30 – 15:00

COFFEE BREAK (30 min)

15:00 – 15:20

Invited conference: Insight into *Streptococcus suis* in Thai Pigs: genetic diversity and antimicrobial resistance surveillance)

Dr. Suganya Yongkiettrakul (National Center for Genetic Engineering and Biotechnology, THAILAND)

15:20 – 15:35

TBD

15:35 – 15:50

General questions and round table discussions on AMR

15:50 – 16:00

Closing remarks