

Programme schedule ISAH 2022

updated: 05 September 2022

Scientific Topics:

- Infectious diseases and AMR in the One Health context
- pig production: infectious diseases (e.g. ASF) and disease preventing measures.
- poultry production: infectious and non-infectious issues, novel technologies.
- Animal welfare - recent developments
- Free topics (Disinfection, Probiotics, etc.)

Keynote Speakers:

- Prof. Dr. Dr. h.c. mult. Lothar H. Wieler; Robert Koch Institute, Berlin
- Prof. Dr. Franz Conraths; Friedrich Loeffler Institute, Greifswald
- Prof. Dr. Dr. h.c. mult. Donald M. Broom; University of Cambridge

Certificate of attendance

Continuing education certificate: ATF 15h

Day 1; 5. October 2022

13.00 - 14.00

Opening

- ISAH President Prof. Dr. Dr. h.c. mult. Jörg Hartung
- Congress president Prof. Dr. Uwe Rösler
- Vice Dean Research / TZR Spokesman Prof. Dr. Marcus Fulde / Prof. Dr. Georg von Samson-Himmelstjerna

14.00 coffee break

14.30 - 16.10

Session 1

Chairs: *tbd*

Pig production: infectious diseases and disease preventing measures (I)

14:30 Prof. Dr. Franz Conraths

Keynote Lecture: African Swine Fever: Epidemiology of a pandemic disease in pigs.

15:10 Ceruti A.: Successful deployment of a mobile suitcase lab for rapid detection of African Swine Fever Virus in Uganda

15:30 Tanneberger F.: Tenacity and disinfection of Modified vaccinia virus Ankara and African swine fever virus in forest soil

15:50 Kemper N.: Evaluation of cleaning and disinfection practices in pig barns using boot swab sampling

16.10 Coffee break

16.30 - 17.30

Session 2

Chairs:

Pig production: infectious diseases and disease preventing measures (II)

16:30 Fablet C.: Salmonella excretion level in pig farms and impact of quaternary ammonium compounds based disinfectants on Escherichia coli antibiotic resistance

16:50 Schulz J.: Disinfection of contaminated anesthetic masks for piglets

17:10 zur Mühlen F.: Vaccination of pigs against *Lawsonia intracellularis* can help to improve efficiency and with this have a positive effect on sustainability

17.45 pm EEB Meeting

Day 2; 6. October 2022

8.30 am -10.00 am

Session 3

Chairs: *tbd*

Infectious diseases in the One Health context (I)

8:30 Prof. Dr. Dr. hc. Lothar H. Wieler

Keynote Lecture: The silent pandemic, which needs to be contained by global concerted action NOW

9:10 Desvars-L. A.: SARS-CoV-2 and One Health approach: filling the data gap

9:30 Jarynowski A.: Perception of infectious diseases with animal and humans hosts on the Polish internet

9:50 Murugaiyan J.: Antimicrobial resistance profiling of *Acinetobacter baumannii* isolated from the environment least exposed to antibiotics.

10:10 coffee break (30 min; Poster Session)

10.40 am -12.40 pm

Session 4

Chairs: *tbd*

Infectious diseases and AMR in the One Health context (II)

10:40 Hanford T.: Determining the fitness of fluoroquinolone resistant *Campylobacter* using in vivo competition models in chickens

11: 00 Ahmed M.: Broiler insects' role in antimicrobial resistant *Campylobacter*, *Salmonella* and *Staphylococcus aureus* carry over between broiler flocks

11:20 Feßler A.: Antimicrobial and biocide resistance of zoonotic pathogens from dogs and cats

11:40 Prasek J.: On farm culture system as a tool to reduce the antimicrobial consumption at selective dry cow therapy in Czech farms.

12:00 Tenhagen B.-A.: The Devil and the Beelzebub - Controlling MRSA in cattle in the dry period

12:20 Robé C.: Genetic analysis of specific antibiotic resistances in *E. coli* of veal calves up to eight months

12.40 Lunch (60 min, including Poster Session)

13.40 – 15:20

Session 5

Chairs: *tbd*

Infectious diseases and AMR in the One Health context (III)

- 13:40 Boucheikhchoukh M.: Hippoboscidae (Diptera) flies as potential vectors of pathogenic bacteria.
- 14:00 Hambolu D.: Molecular Diversity and antimicrobial resistance pattern in Non-Typhoidal Salmonella (NTS) isolates from laying chickens and poultry handlers in Lagos State, Nigeria.
- 14:20 Kivali V.: Microbial contamination at slaughter and retail points of the pork value chain in Uganda.
- 14:40 Wu B.: Seasonal fluctuations of Microbial Aerosol in Live Poultry Markets and the Detection of Endotoxin.
- 15:00 Pöppe J.: Experimental exposure of *Salmonella enterica* from farm animals to a glyphosate-containing herbicide: effects on tolerance response, cross-tolerance, cross-resistance and fitness.

15:20 coffee break (30 min, Poster Session)

15:40 – 16:40

Session 6

Chairs: *tbd*

Poultry production: infectious and non-infectious issues, novel technologies (I)

- 15:40 Opalinski S.: Hemp oil and cannabidiol in broilers diet – impact on productivity and behaviour
- 16:00 Abd El-Wahab A.: A preliminary study on the impacts of early nutrition of hatched chicks on well-being and growth performance
- 16:20 Reichelt B.: *Campylobacter* spp. transmissions in the environment of commercial poultry farms in Germany

16:40 coffee break (15 min)

17:00 – 19:00 ISAH General Assambly (with Elections)

20.00 – 24:00 ISAH Dinner; SEMINARIS Campus-Hotel Berlin

Day 3; 7. October 2022

8.30 -10.00

Session 7

Chairs: *tbd*

Animal Welfare (I)

8:30 Prof. Dr. Donald M. Brom

Keynote Lecture: How consumer demand for sustainability may change animal and plant production

9:10 Schüpbach-R. G.: Smart Animal Health – The development of an animal-based and data-driven method for assessing health and welfare in farm animals

9:30 Spieß F.: Innovation in broiler housing: Environmental Enrichment and a Farmer Assistance System

9:50 van Eerdenburg F.: Quality of drinking water for cattle.

10.10 coffee break

10.40 – 11:20

Session 8

Chairs: *tbd*

Animal Welfare (II)

10:40 Opalinski S.: Expectations and concerns about the use of information and communication technology tools at poultry and pig farm - results of a survey of Polish producers

11:00 Kovandžić M.: Assessment of dairy donkey welfare from five farms in Northern Serbia

11:20 Sentamu D.: Prevalence of gross lesions and handling practices in pigs and their association with pork quality, Kiambu, Kenya

12:00 Komgsted H.: Pig production systems with outdoor access: Usage of antibiotics and occurrence of disease

12:20 Gumbert S.: Anesthetic incidents, labor time and occupational safety of automated isoflurane anesthesia during piglet castration.

12:40 Kemper N.: Hygienic samples in a mobile house for laying hens

13.00 – 14:00 Lunch (60 min)

14:00 -16:00

Session 9

Chairs: *tbd*

Disinfection, Probiotics, ...

- 14:00 Eglite S.: Use of probiotics containing Lactobacteria to improve the microclimate and foot health of broilers
- 14:20 Jagielski T.: Canine protothecosis – a genotyping and meta-analytical study
- 14:40 Schwenker J.: Teat disinfection - (Co-)selection of udder pathogens and antibiotic-resistant bacteria? A longitudinal experiment.
- 15:00 Mattauch M.: Efficacy of disinfection of various structural timbers in livestock farming
- 15:20 Rausch F.: Development of a rapid molecular assay for validating the efficacy of air purifier in virus inactivation
- 15:40 Abd El Wahed A.: Raising awareness and hygiene practices for paratuberculosis in Africa

16.00

Closing

- Closing ceremony (Prof. Dr. Jörg Hartung & Prof. Dr. Uwe Rösler)

16:15 coffee