

TUESDAY 21 MAY

11:30-13:00 **Conference registration**

Area Antigone 2 - Level 2

PLENARY SESSIONS

13:00-13:45 **Conference opening**

Room Antigone 3 - Level 2


- Mohd Hair BEJO - AITVM president
- Ard NIJHOF - STVM president
-  Elisabeth CLAVERIE De SAINT-MARTIN - CIRAD Chief Executive Officer
Nathalie VACHIERY & Michel De GARINE-WICHATITSKY - CIRAD local organizers

13:45-15:00 **SESSION 1**

Room Antigone 3 - Level 2

One (Tropical Animal) Health / Integrated Approaches and Perspectives

Chairs: Alexis DELABOUGLISE (CIRAD, Montpellier, France) & Séverine THYS (CIRAD, Montpellier, France)

- 13:45-14:15 •  **Keynote 1 - One Health approach - The role of veterinary services and animal health sector**
Dr Chadia WANNOUS - World organization for animal health (WOAH), Paris, France
- Selected short oral presentations*
- 14:15-14:30 • **S1-01 (CIRAD student Award) - Farmers' wellbeing significantly impacted by poor animal health in the Ghanaian livestock system** - Francis Sena NUVEY - *Afrique One - REACH, Centre Suisse de Recherches Scientifiques, Abidjan, Côte d'Ivoire*
- 14:30-14:45 • **S1-02 - Analysing dog movements in Southeast Asia and their epidemiological implications: a socio-ecological approach**
Thibaut LANGLOIS - *ASTRE, Univ. Montpellier, CIRAD, INRAE, Montpellier, France*
- 14:45-15:00 • **S1-03 - Participatory workshops in Guinée Forestière to co-construct a pilot community-based surveillance system for the early detection of zoonotic diseases** - Maxime TESCH - *ASTRE, CIRAD, Montpellier, France*

15:00-15:30 **Coffee break - Visit of exhibition - Posters**

Area Antigone 2 - Level 2

PLENARY SESSION

15:30-17:00 **SESSION 1 - Continued**

Room Antigone 3 - Level 2

One (Tropical Animal) Health / Integrated Approaches and Perspectives

Chairs: Michel De GARINE-WICHATITSKY (CIRAD, Montpellier, France) & Olivier SPARAGANO (Royal Agricultural University, Gloucestershire, UK)

Selected short oral presentations

- 15:30-15:45 • **S1-04 - Rapid response for zoonotic emergences in Guinea: a study of barriers and opportunities**
Saa André TOLNO - *ASTRE, CIRAD, Montpellier, France*
- 15:45-16:00 • **S1-05 - Using ALERT serious board game to engage in One Health surveillance system: a pilot study of added-value in learning and engaging stakeholders**
Mathias TALLA MBA - *ASTRE, CIRAD, Montpellier, France*
- 16:00-16:15 • **S1-06 - A new contribution to epidemiological surveillance: presentation of the MOOD epidemic intelligence platform**
Sarah HOUBEN - *Avia-GIS, Zoersel, Belgium*
- 16:15-16:30 • **S1-07 - Engaging farmers in the outbreak control of Rift Valley Fever in Rwanda and neighboring countries: a narrative review** - Karen CEBALLOS - *Institute of Tropical Medicine, Antwerp, Belgium*
- 16:30-16:45 • **S1-08 - Modelling health information flows in event-based surveillance**
Elena ARSEVSKA - *ASTRE, CIRAD, Montpellier, France*
- 16:45-17:00 • **S1-09 - Regional response to a natural disaster of volcanic origin: the experience of the Caribbean**
Jennifer PRADEL - *ASTRE, Univ. Montpellier, CIRAD INRAE, Montpellier, France*

17:00-18:00 **POSTER SESSION**

Area Antigone 2 - Level 2

18:00-19:45 **Welcome reception**

Area Antigone 2 - Level 2

WEDNESDAY 22 MAY

08:00-09:00 **Conference registration**

Area Antigone 2 - Level 2

PLENARY SESSION

09:00-11:00

SESSION 2

Room Antigone 3 - Level 2

Animal Health and Production**Chairs: Mohd Hair BEJO** (*Universiti Putra Malaysia, Serdang, Malaysia*) & **Ala TABOR** (*University of Queensland, Brisbane, Queensland, Australia*)

09:00-09:30

- **Keynote 2 - Novel developments in the management of bovine venereal diseases**
Professor Ala TABOR - *University of Queensland, Brisbane, Queensland, Australia*

Selected short oral presentations

09:30-09:45

- **S2-01 - Characterization of reproductive tract microbiome and immune biomarkers for Bovine Genital Campylobacteriosis in vaccinated and unvaccinated heifers**
Mst Sogra Banu JULI - *Queensland Alliance for Agriculture and Food Innovation, The University of Queensland, Brisbane, Queensland, Australia*

09:45-10:00

- **S2-02 - Detecting venereal pathogens in cattle using long read sequencing and adaptive sampling**
Hannah SIDDLE - *Queensland Alliance for Agriculture and Food Innovation, University of Queensland, Brisbane, Queensland, Australia*

10:00-10:15

- **S2-03 - Community animal health workers (CAHWs) can provide quality animal health services to livestock keepers living in remote rural areas of the Global South**
Alexia RONDEAU - *Vétérinaires Sans Frontières International, Cenon, France*

10:15-10:30

- **S2-04 - Unlocking potential: Investigation into non-specific effects of veterinary vaccines for enhanced animal health and production**
Sintayehu AREGA - *Department of Public and Community Health, Jaramogi Oginga Odinga University of Science and Technology, Bondo, Siaya, Kenya*

10:30-10:45

- **S2-05 - Supporting vaccine development for tropical animal health through the refinement of animal models**
Alec EVANS - *Clinglobal, Tamarin, Mauritius*

10:45-11:00

- **S2-06 - Genomic variation in *Cyvirus cyprinidallo3* and its implications for their evolution**
Nurul FUANDILA - *ISEM, University of Montpellier, Montpellier, France*

11:00-11:30

Coffee break - Visit of exhibition - Posters

Area Antigone 2 - Level 2

PLENARY SESSION

11:30-12:30

SESSION 3

Room Antigone 3 - Level 2

Transboundary Animal Diseases**Chairs: Arnaud BATAILLE** (*CIRAD, Montpellier, France*) & **Ladi Amos CHABIRI** (*NVRI, Vom., Jos, Plateau State, Nigeria*)**Selected short oral presentations**

11:30-11:45

- **S3-01 - A highly performant ELISA for the detection of specific CCHFV antibodies in multiple species, including humans**
Loic COMTET - *Innovative Diagnostics, Grabels, France*

11:45-12:00

- **S3-02 - Assessing interactions between domestic and wild pigs and implications for the transmission of African swine fever and other pathogens in rural habitats of Madagascar**
Rianja RAKOTOARIVONY - *ASTRE, CIRAD, Antananarivo, Madagascar*

12:00-12:15

- **S3-03 - Clinico-pathological study of Peste des petits ruminants' virus on rural indigenous sheep and goats in Plateau State, North Central Nigeria**
Ladi Amos CHABIRI - *Diagnostic Services, NVRI, Vom., Jos, Plateau State, Nigeria*

12:15-12:30

- **S3-04 - Combining animal mobility field surveys and Expert knowledge to map the risk of the spread of Peste des petits ruminants in three states in Northern Nigeria**
Sandra IJOMA - *Veterinary Public health and Preventive Medicine, NVRI, Vom., Jos, Plateau State, Nigeria*

12:30-13:30

Lunch & Coffee - Visit of exhibition - Posters

Area Antigone 2 - Level 2

PLENARY SESSIONS

13:30-14:15

SESSION 3 - Continued

Room Antigone 3 - Level 2

Transboundary Animal Diseases

Chairs: *Catherine CÊTRE-SOSSAH* (CIRAD, Montpellier, France) & *Renata SERVAN DE ALMEIDA* (CIRAD, Montpellier, France)

Selected short oral presentations

13:30-13:45

- **S3-05 - Comparative evolutionary analyses of Peste des petits ruminants virus genetic lineages**

Arnaud BATAILLE - ASTRE, CIRAD, Montpellier, France

13:45-14:00

- **S3-06 - Modelling RVF vector population dynamics in a tropical setting in South-Eastern Madagascar**

Laure J.G. CHEVALIER - ASTRE, CIRAD, Montpellier, France

14:00-14:15

- **S3-07 - West Nile virus virulence and transmission in vertebrate hosts and mosquitoes is modulated by different regions of the virus genome**

Sylvie LECOLLINET - ASTRE, CIRAD, Petit Bourg, Guadeloupe

14:15-15:45

SESSION 4

Room Antigone 3 - Level 2

Veterinary Parasitology

Chairs: *Philippe JACQUIET* (ENVT, Toulouse, France) & *Sophie THEVENON* (CIRAD, Montpellier, France)

14:15-14:45

- **Keynote 3 - Multiresistance of *Haemonchus contortus* (Nematoda: Trichostrongylidae) to anthelmintics: a global threat to small ruminant farming**

Professor Philippe JACQUIET - ENVT, Toulouse, France

Selected short oral presentations

14:45-15:00

- **S4-01 - Immunization of cattle with a *Rhipicephalus microplus* chitinase peptide containing predicted B-cell epitopes reduces tick biological fitness**

Juan MOSQUEDA - Faculty of Natural Sciences, Universidad Autonoma de Queretaro, Queretaro, Mexico

15:00-15:45

- **S4-02 - Integrating ROS-tolerant entomopathogenic fungi with a vaccine targeting tick immunity decreases infestations in a semi-field pasture test**

Isabel Kinney Ferreira DE MIRANDA SANTOS - Ribeirão Preto Medical School, Univ. of São Paulo, Ribeirão Preto, SP, Brazil

15:45-16:15

Coffee break - Visit of exhibition - Posters

Area Antigone 2 - Level 2

PLENARY SESSION

16:15-17:30

SESSION 4 - Continued

Room Antigone 3 - Level 2

Veterinary Parasitology

Chairs: *Philippe JACQUIET* (ENVT, Toulouse, France) & *Sophie THEVENON* (CIRAD, Montpellier, France)

Selected short oral presentations

16:15-16:30

- **S4-03 - Long Read Whole Genome Sequencing and Assembly of two *Tritrichomonas foetus* strains isolated from Queensland and Northern Territory in Australia**

Harvey SANTOS - Centre for Animal Science, Queensland Alliance for Agriculture & Food Innovation, The University of Queensland, St Lucia, Queensland, Australia

16:30-16:45

- **S4-04 - Novel genomic technologies for tick control in Australian beef cattle**

Hannah SIDDLE - Queensland Alliance of Agriculture and Food Innovation, Univ. of Queensland, Brisbane, QLD, Australia

16:45-17:00

- **S4-05 - Pre-existing antibodies to antigens affect efficacy of a vaccine for the cattle tick, *Rhipicephalus microplus***

Isabel Kinney Ferreira DE MIRANDA SANTOS - Ribeirão Preto Medical School, Univ. of São Paulo, Ribeirão Preto, SP, Brazil

17:00-17:15

- **S4-06 - Trials and tribulations of cattle tick vaccines – an Australian update**

Alicja (Ala) TABOR - Queensland Alliance of Agriculture & Food Innovation, Univ. of Queensland, Brisbane, QLD, Australia

17:15-17:30

- **S4-07 - Vaccination against cattle ticks in Mexico: Current status and Perspectives**

Consuelo ALMAZÁN - Immunology and Vaccines Laboratory, College of Natural Sciences, Autonomous University of Queretaro, Queretaro, Mexico

THURSDAY 23 MAY

PLENARY SESSION

08:30-10:15

SESSION 5

Room Antigone 3 - Level 2

Vector-Borne Diseases

Chairs: **Peter-Henning CLAUSEN** (Freie Universität Berlin, Berlin, Germany) & **Karla GEORGES** (University of the West Indies, Mt Hope, Trinidad & Tobago)

Selected short oral presentations

- 08:30-08:45 • **S5-01 - A new cell line derived from the tsetse fly *Glossina morsitans morsitans***
Lesley BELL-SAKYI - Institute of Infection, Veterinary and Ecological Sciences, University of Liverpool, Liverpool, UK
- 08:45-09:00 • **S5-02 - Application of SHERLOCK detection for epidemiological surveys of Animal African Trypanosomiases**
Roger ELOIFLIN - UMR INTERTRYP, IRD, Montpellier, France
- 09:00-09:15 • **S5-03 - First epidemiological and molecular report of ticks and tick-borne pathogens in small ruminants across North and North-western Pakistan**
Olivier SPARAGANO - Agricultural Sciences and Practice, Royal Agricultural University Cirencester, Cirencester, UK
- 09:15-09:30 • **S5-04 - SSR-seq loci to study the population genetics of vectors: tsetse flies in three sleeping sickness foci: Boffa (Guinea), Bonon (Côte d'Ivoire) and Maro (Chad)**
Thierry DE MEEUS - Intertryp, IRD, Montpellier, France
- 09:30-09:45 • **S5-05 - Whole blood transcriptome of trypanotolerant and trypanosusceptible cattle during trypanosome infection highlights modulation of genes involved in immuno-metabolism**
Sophie THEVENON - BIOS UMR INTERTRYP, CIRAD, Montpellier, France
- 09:45-10:00 • **S5-06 - Vectorial capacity of *Aedes aegypti* in transmitting Lumpy Skin Disease Virus: Insights from experimental infection studies**
Elizabeth RIANA - Parasitology Unit, Department of Pathology, Faculty of Veterinary Science, Chulalongkorn University, Bangkok, Thailand
- 10:00-10:15 • **S5-07 - Investigation of African Trypanosomiasis in the ruminant population of Trinidad and Tobago**
Karla GEORGES - School of Veterinary Medicine, University of the West Indies, Mt Hope, Trinidad & Tobago

10:15-10:45

Coffee break - Visit of exhibition - Posters

Area Antigone 2 - Level 2

PLENARY SESSION

10:45-12:15

SESSION 5 - Continued

Room Antigone 3 - Level 2

Vector-Borne Diseases

Chairs: **Ard NIJHOF** (Freie Universität Berlin, Berlin, Germany) & **Nathalie VACHIERY** (CIRAD, Montpellier, France)

Selected short oral presentations

- 10:45-11:00 • **S5-08 (Norval-Young Award) - Rodents as potential reservoir hosts for *Anaplasma* spp. at the human-livestock-wild-life interface of the Mnisi community, South Africa**
S. Marcus MAKGABO - Department of Veterinary Tropical Diseases, University of Pretoria, Pretoria, South Africa
- 11:00-11:15 • **S5-09 - Expanding the detection and surveillance of ticks and tick-borne diseases in the Caribbean region**
Roxanne CHARLES - The University of the West Indies, Port of Spain, Trinidad & Tobago
- 11:15-11:30 • **S5-10 - Development of a pan-species ELISA test for detection Heartwater across mammals**
Valérie RODRIGUES - ASTRE, CIRAD, Petit Bourg, Guadeloupe, France
- 11:30-11:45 • **S5-11 - Epidemiology of livestock-associated ticks and tick-borne pathogens in northern Nigeria**
Richard BIRTLES - Human and Natural Sciences, University of Salford, Salford, Greater Manchester, United Kingdom
- 11:45-12:00 • **S5-12 - Defining the impact of *Theileria* infection on the regulatory landscape of bovine lymphocytes**
Rachel OWEN - The Roslin Institute, University of Edinburgh, Edinburgh, Midlothian, United Kingdom
- 12:00-12:15 • **S5-13 - Secreted *Theileria annulata* effector protein Ta9 binds and potentially activates proto-oncogenic macrophage Hck**
Ard NIJHOF - Freie Universität Berlin, Institute for Parasitology and Tropical Veterinary Medicine, Berlin, Germany

12:15-13:30

Lunch & Coffee - Visit of exhibition - Posters

Area Antigone 2 - Level 2

PLENARY SESSION

13:30-15:00

SESSION 6

Room Antigone 3 - Level 2

Women for One Health

Chair: *Séverine THYS* (CIRAD, Montpellier, France)

- Round table

15:15-18:30

Cultural guided visit of Montpellier city

19:30

Social event

La Gazette Café - Montpellier

FRIDAY 24 MAY

PLENARY SESSIONS

09:00-10:00

SESSION 7

Room Antigone 3 - Level 2

Teaching and continuing Education in Tropical Veterinary Medicine

Chairs: *Mohd Hair BEJO* (Universiti Putra Malaysia, Serdang, Malaysia) & *Ard NIJHOF* (Freie Universität Berlin, Berlin, Germany)

09:00-09:30

- **Keynote 4 - One Health and Veterinary Medicine Education: when research meets co-learning**
Professor Olivier SPARAGANO - Royal Agricultural University, Gloucestershire, UK

09:30-10:00

Speed talk posters

- **S1-P02 - Circulation of multi-resistant bacteria in humans and animals in the urban area of Lome in Togo**
Esso-tchella Madera BODOMBOSSOU - ASTRE, CIRAD, Montferrier-sur-Lez, France
- **S1-P07 - Integrating the One Health perspective for the agroecological transition in a living Lab in Cambodia**
Chhuon VANNY - Faculty of Agricultural Economics and Rural Development, Royal University of Agriculture Cambodia, Phnom Penh, Cambodia
- **S2-P04 - Fishery and food safety: potential smoked fish value chain in Kampong Chhnang, Tonle Sap Lake of Cambodia**
Raksmey PHOEURK - Faculty of Agricultural Economics and Rural Development, Royal University of Agriculture, Phnom Penh, Cambodia
- **S2-P05 - Characterization of the evolution of basic haematological and biochemical variables in relation with bovine trypanotolerance during *Trypanosoma congolense* infection**
Gnohon Fabrice SOMÉ - UMR INTERTRYP, CIRAD, Montpellier, France
- **S3-P04 - Bioeconomic modelling of area-specific control of foot and mouth disease (FMD) in Thailand**
Thanicha CHANCHAIDECHACHAI - Department of Population Health Sciences, Faculty of Veterinary Medicine, Utrecht University, Utrecht, the Netherlands
- **S4-P01 - Unravelling the epidemiology of ticks and tick-borne infections in Benue state, Nigeria**
Raymon ADA - School of Science, Engineering & Environment, University of Salford, Salford, United Kingdom
- **S4-P04 - Occurrence, prevalence, and distribution of haemoparasites of poultry in Sub-Saharan Africa: a scoping review**
Danisile TEMBE - University of KwaZulu-Natal, Durban, South Africa

10:00-10:45

SESSION 8

Room Antigone 3 - Level 2

Drug Resistance

Chairs: *Tennille AUGUSTE (University of the West Indies, Champs Fleurs, Trinidad & Tobago) & Ulf MAGNUSSON (Swedish University of Agricultural Sciences, Uppsala, Sweden)*

Selected short oral presentations

10:00-10:15

- **S8-01 - Characterization of antimicrobial resistance integrated surveillance in CaribVET's network**
Tennille AUGUSTE - CaribVET/The University of the West Indies, Champs Fleurs, Trinidad & Tobago

10:15-10:30

- **S8-03 - Medically rational use of antibiotics for reducing resistance and supporting effective animal production in low- and middle-income countries**
Ulf MAGNUSSON - Department of Clinical Science, Swedish University of Agricultural Sciences (SLU), Uppsala, Sweden

10:30-10:45

- **S8-04 - Multi-resistance of *Rhipicephalus microplus* to amitraz, alpha-cypermethrin, and ivermectin on livestock in Ecuadorian subtropical farms**
Ximena PÉREZ-OTÁÑEZ - Centre for Earth and Climate research., UCL, Ottignies-Louvain-La-Neuve, Belgium

10:45-11:15

Coffee break - Visit of exhibition - Posters

Area Antigone 2 - Level 2

PLENARY SESSIONS

11:15-12:00

SESSION 8 - Continued

Room Antigone 3 - Level 2

Drug Resistance

Chairs: *Tennille AUGUSTE (University of the West Indies, Champs Fleurs, Trinidad & Tobago) & Ulf MAGNUSSON (Swedish University of Agricultural Sciences, Uppsala, Sweden)*

Selected short oral presentations

11:15-11:30

- **S8-05 - On the current resistance situation of Triclabendazole against *Fasciola hepatica* in German sheep flocks**
Stephan STEUBER - Veterinary Medicines, Federal Office of Consumer Protection and Food Safety (BVL), Berlin, Germany

11:30-11:45

- **S8-06 - Phenotypic and genotypic characterization of pyrethroid resistant stable fly (*Stomoxys calcitrans*) populations on German dairy farms**
Peter-Henning CLAUSEN - Institute for Parasitology and Tropical Veterinary Medicine, Freie Universität Berlin, Berlin, Germany

11:45-12:00

- **S8-07 - Unravelling the socioeconomic factors linked to antibiotic use in poultry farms: a qualitative study in the Analamanga region, Madagascar**
Sophie MOLIA - ASTRE, CIRAD, Montpellier, France

12:00-12:45

Closing Ceremony

Room Antigone 3 - Level 2

Prize Awards

- **Norval-Young Award:** 2022 Virtual Event Best Presenter awarded to Sekgota Marcus MAKGABO, PhD
- **2024 CIRAD Student Award** awarded to Francis Sena NUVEY, PhD
- **Dik Zwart Award:** Best Oral presentation by a young scientist during the 2024 Conference
- **Dik Zwart Award:** Best Poster presentation by a young scientist during the 2024 Conference