

## CYSTINET ONLINE CONFERENCE 28<sup>th</sup> MAY 2021

### PROGRAMME

#### SESSION 1: 13h00

**WELCOME:** S. Gabriël

**KEYNOTE:** Dr. Meritxell Donadeu, consultant to WHO NTD, representing Dr. B. Abela Ridder: the WHO 2030 roadmap, implications for *Taenia solium*.

#### ABSTRACT PRESENTATIONS:

1. **Validated non-local parametrization of an agent-based model to represent local-scale *Taenia solium* transmission in rural villages of an endemic area in northwest Peru.** Pizzitutti F., Bonnet G., Gonsales-Gustavson E., Gabriël S., Pan W.K., Pray I.W., Gonzalez A.E., Garcia H.H., O'Neal S.E., for the Cysticercosis Working Group in Peru.
2. **Amplification of cestode DNA in naturally infected foxes from peri-anal swabs by PCR and LAMP: Proof of concept for the potential diagnosis of human taeniosis.** Muchaamba G., Alvarez Rojas C.A., Deplazes P.
3. **Cross-sectional Study of Population Screening for Urinary Antigens to Detect Subarachnoid Neurocysticercosis in a Community Setting.** Fernandez L., Allen S.E., Vilchez P., Gamboa P., Muro C., Castillo Y., Dorny P., Bustos J., Garcia H.H., O'Neal S.E., for the Cysticercosis Working Group in Peru.

#### PANEL Q&A

#### ABSTRACT PRESENTATIONS CONT.:

4. **A qualitative assessment of the context and enabling environment for the control of *Taenia solium* infections in endemic settings.** Ngwili N.M., Johnson N., Wahome R., Githigia S., Roesel K. and Thomas L.

#### SHORT ABSTRACT PRESENTATIONS:

- 1) **Exploring sources of false-positive urine cystAg screening results in a region endemic to *T. solium*.** Zagal E., Kramarz J., Beam M., Fernandez L., Vilchez P., Gamboa R., Muro C., Castillo Y., Garcia H.H., O'Neal S.E., for the Cysticercosis Working Group in Peru.
- 2) **Knowledge, attitude and practices of the of the community and meat workers towards *Taenia saginata* taeniosis and cysticercosis in Jimma and Ambo towns of Ethiopia.** Jorga E., Van Damme I., Mideksa B., Gabriël S.
- 3) **Evaluating One Health - the CYSTISTOP case study.** Cosaert M., Trevisan C., Mwape K.E., Dorny P., Gabriël S.
- 4) **CystiOne: A Prospective One Health Mixed-Methods Protocol to Identify Factors Related to *Taenia solium* in Northern Peru.** Wardle M., Atto R., Beam M., Beltran B., Bonnet G., Dumet L.M., Fernandez L., Gamboa R., Gonzales-Gustavson E., Kramarz J., Muro C., Pizzitutti F., Spencer A.G., Vilchez P., Zagal E., Gonzalez A.E., Garcia H.H., O'Neal S.E., for the Cysticercosis Working Group in Peru.

#### PANEL Q&A

#### SHORT BREAK

## SESSION 2: 14h35

**KEYNOTE:** Dr. Lian Thomas (ILRI, Kenya): One Health Research, Outreach & Education Centre in Africa

### ABSTRACT PRESENTATIONS:

5. **Evaluation of an antibody detecting point of care test for diagnosis of *Taenia solium* cysticercosis in a Zambian rural community: A prospective diagnostic accuracy study.** Mubanga C., Van Damme I., Trevisan C., Schmidt V., Phiri I.K., Zulu G., Noh J., Handali S., Mambo R., Mwelwansofu C., Masuku M., Reynders D., Jansen F., Bottieau E., Magnussen P., Winkler A. S., Dorny P., Mwape K.E and Gabriel S. on behalf of the SOLID consortium
6. ***Taenia solium* infection in the Russian Federation in the last twenty years.** Bobić B., Ćirković V., Klun I., Štajner T., Srbljanović J., Bauman N., Lijeskic O., Djurković-Djaković O.
7. **Evaluation of an Antibody-Detecting Lateral-Flow-Assay for the Diagnosis of *Taenia solium* Neurocysticercosis in Rural Southern Tanzania — a diagnostic accuracy study.** Stelzle D., Schmidt V., Makasi C., Trevisan C., Van Damme I., Ruether C., Fleury A., Dorny P., Magnussen P., Zulu G., Mwape E., Bottieau E., Noh J., Handali S., Gabriel S., Ngowi B. J., Winkler A. S. on behalf of the SOLID consortium
8. **Evaluating the role of corrals and insects in the transmission of porcine cysticercosis: a cohort study.** Gonzales-Gustavson E., Pray I.W., Gamboa R., Muro C., Vilchez P., Flecker R.H., Garcia H. H., Gonzalez A.E., O’Neal S.E., for the Cysticercosis Working Group in Peru

### PANEL Q&A

#### ABSTRACT PRESENTATIONS CONT.:

9. **Preliminary assessment of the ‘Game of the Worm’ on knowledge uptake regarding *Taenia solium* in school going children in Belgium.** De Bock S., Gabriël S., Van Damme I., Mwape E., Dorny P., Trevisan C.

#### SHORT ABSTRACT PRESENTATIONS:

- 5) **Dose Response Model for Porcine Cysticercosis.** Andrade D., Gonzales-Gustavson E., Ho-Palma A., Prada J., Gomez L., Arroyo G., Garcia H.H., O’Neal S., Gonzalez A.
- 6) **Oral immunization with a Salmonella Enteritidis vaccine vector expressing Tsol18 peptide against porcine cysticercosis by *Taenia solium*.** Rimac R., Roller S., Gómez L., Vargas A., Fernández M., Gonzalez A.
- 7) **The epidemiology of bovine cysticercosis: preliminary findings of studies in Jimma and Ambo abattoirs of Ethiopia.** Jorga E., Van Damme I., Mideksa B., Gabriël S.
- 8) **Incidence of cysticercosis antigen excretion in the urine in a population endemic to *T. solium* in Northern Peru.** Kramarz J., Zagal E., Beam M., Fernandez L., Vilchez P., Gamboa R., Muro C., Castillo Y., Garcia H. H., O’Neal S.E., for the Cysticercosis Working Group in Peru.

### PANEL Q&A

#### SHORT BREAK

## SESSION 3: 16h15

### ABSTRACT PRESENTATIONS:

10. **CystiHuman: A Model of Human Neurocysticercosis.** Bonnet G., Pizzitutti F., Gonzales-Gustavson E., Gabriël S., Pan W. K., Bustos J. A., Garcia H. H., O'Neal S.E., for the Cysticercosis Working Group in Peru.
11. **Epidemiology of porcine and human cysticercosis (*Taenia solium*) in three states of north central Nigeria.** Weka R. P., Kamani J., Oche D., Eugene I., Cogan T., Eisler E., Morgan E.
12. **Implementing ring strategy, a cysticercosis control intervention, in Northern Peru. Phase 1: Formative Evaluation.** Spencer A., Dumet Poma L., Atto R., Cruz V., Vilchez P., Beltran B., Bustos J., Garcia H.H., Gimbel S., Garcia P.J., O'Neal S.E., for the Cysticercosis Working Group in Peru.
13. **Evaluation and validation of a field coproantigen enzyme-linked immunosorbent assay for *Taenia solium* taeniasis diagnosis in Northern Peru.** Wardle M., Castillo Y., Gamboa R., Rodriguez S., Gilman R.H., Gonzalez A.E., O'Neal S.E., Garcia H.H. for the Cysticercosis Working Group in Peru.

### PANEL Q&A

#### ABSTRACT PRESENTATIONS CONT.:

14. **GPS tracking of free-range pigs in rural communities in Zambia: an explorative study towards future ring treatment strategies for *Taenia solium*.** Van Damme L., Pray I., Mwape K.E., Trevisan C., F. Coudenys, V. Vaernewyck, Dorny P., O'Neal S.E. (2,5) and Gabriël S.

#### SHORT ABSTRACT PRESENTATIONS:

- 9) **Characteristics of People with Epilepsy and Neurocysticercosis in Three Eastern African Countries – a Pooled Analysis.** Stelzle D., Schmidt V., Keller L., Ngowi B.J., Matuja W., Escheu G., Hauke P., Ovuga E., Schmutzhard E., Amos A., Harrison W., Kaducu J., Winkler A.S.
- 10) **Development of Community-Based Health Education Package for the Control of *T. solium* taeniasis/cysticercosis in Tanzania.** Nyangi C., Mkupasi E.M., Mahonge C., Churi A.J., Schmidt V., Winkler A.S., Ngowi H.A.
- 11) **Efficacy evaluation of Newcastle disease virus as vaccine vectors for TSOL18 against porcine cysticercosis by *Taenia solium*.** Roller S., Rimal R., Gómez L., Vargas A., Fernández M., Gonzalez A.
- 12) **Gaming 4 health – Serious games to control *Taenia solium* in endemic areas.** Trevisan C., Mwape K.E., Nöstlinger C., Dorny P., Valcke M., Gabriël S.
- 13) **The prevalence of *Taenia solium* taeniasis/cysticercosis in Chipata district of the Eastern province of Zambia.** Zulu G., Mwape K.E., Schmidt V., Stelzle D., Mubanga C., Sikasunge C.M., Phiri I. K., Winkler A.S.
- 14) **Application of Process Mapping to Understand the Steps Required to Implement a Control Program for Cysticercosis in Rural Peru.** Dumet L.M., Spencer A. G., Atto R., Vilchez P., Cruz V., Beltran B., Bustos J., Garcia H. H., Garcia P., O'Neal S.E., Gimbel S., for the Cysticercosis Working Group in Peru

### CLOSURE: 17h30-18h00

Voting for best abstract and best short abstract

Voting for best/funniest picture/selfie