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## COST Action TD1302 CYSTINET

### Training School – **Veterinary Diagnostics**

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*12-14 September, 2016*

*Institute of Tropical Medicine, Dept. of Biomedical Sciences, Antwerp, Belgium*

**Training objectives:** Present and practice veterinary diagnostics for *Taenia saginata* and *Taenia solium*.

**Techniques/topics included in the training:** Theoretical overview with results interpretation, Western blot, meat inspection & dissection of predilection sites, PCR-RFLP, Ag-ELISA, *T. crassiceps* model, morphology, differential diagnosis

**Trainers:** Prof. Pierre Dorny, Drs. Sarah Gabriël and Veronique Dermauw, Anke Van Hul, Idzi Potters

### **Preliminary Programme**

**12/06/2016**

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*08:00-08:15:* Registration

*08:15-08:30:* Welcome

*08:30-10:15:*

-Presentations *Taenia saginata* and *Taenia solium* research projects,  
students collaborative MSc (Tropical Animal Health)

-Discussion

*10:15-10:30:* Coffee break

*10:30-12:30*

-Overview of veterinary diagnostics available, results interpretation, differential diagnosis

*12:30-13:30:* Lunch break

*13:30-17:30:*

-Demonstration + training Western Blot (LD BIO), results interpretation

**13/06/2016**

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8:30-12:30

-Visit slaughterhouse (Heist-op-den-Berg) (±45 min. drive): demonstration meat inspection

12:30-13:30: Lunch break

13:30-17:30

-Demonstration + training dissection predilection sites: cyst n° and stage identification

-Morphology: adult tapeworm; differential diagnosis: *T. hydatigena*, *Echinococcus*

19:00-.....: Dinner

**14/06/2016**

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08:30-12:30

-Demonstration + training Ag-ELISA

PCR-RFLP

12:30-13:30: Lunch break

13:30-17:30

-Continuation demonstration + training Ag-ELISA, results interpretation

-Demonstration *T. crassiceps* model

## **How to apply?**

Send an **email** to [cystinett1302@itg.be](mailto:cystinett1302@itg.be), the **latest by 01/08/2016**, state your interest in the Veterinary Diagnostics CYSTINET Training School and mention: **affiliation** (full name & country), **gender**, **CYSTINET member** (yes/no), **degree** (MSc/PhD, if the latter, when obtained), your **main research topics**

**DEADLINE: 1<sup>st</sup> of August 2016**

### **Eligibility criteria:**

Trainees eligible to be reimbursed:

1. Trainees from all COST Countries<sup>i</sup>,
2. Trainees from approved NNC institutions<sup>ii</sup>,
3. Trainees from approved European RTD Organisations<sup>iii</sup>

**Maximum n° of participants:**

15

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i **COST Countries:** Austria, Belgium, Bosnia and Herzegovina, Bulgaria, Croatia, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Montenegro, The Netherlands, Norway, Poland, Portugal, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey, United Kingdom and the former Yugoslav Republic of Macedonia.

ii **Approved NNC Institutions:** Albania, Algeria, Armenia, Azerbaijan, Belarus, Egypt, Georgia, Jordan, Lebanon, Libya, Moldova, Morocco, the Palestinian Authority, Russia, Syria, Tunisia and Ukraine.

iii **European RTD Organisations:** CERN - European Organisation for Nuclear Research, EFDA JET - European Fusion Development Agreement, EMBL - European Molecular Biology Laboratory, ESA - European Space Agency, ESO - European Organisation for Astronomical Research in the Southern Hemisphere, ESRF - European Synchrotron Radiation Facility, European XFEL - European XFEL Free-Electron Laser Facility, ILL - Institut Laue-Langevin