

## Training School

### Biocontrol (plants/fungi) as alternative method to control gastrointestinal nematodes in ruminants

2 – 4 March 2022  
Thessaloniki, Greece

#### Program

#### Wednesday 2<sup>nd</sup> March

**09:00-13:00**

##### Lecture

Dr Hervé Hoste: *“Methodology to evaluate AH properties of plants”*

##### Practical

Egg hatch inhibition assay Part I

**13:00 – 14:00 Lunch break**

**14:00-18:00**

##### Lecture

Prof. Pedro González Pech & Prof. Juan Felipe Torres Acosta: *“Investigating nutraceutical materials in tropical regions: from candidate investigation to tests *in vivo*”*

##### Practical

Plant Extraction Part I

#### Thursday 3<sup>rd</sup> March

**09:00-13:00**

##### Lecture

Dr Marica Engström: *“Preparation and analysis of plant extracts used in bioactivity studies”*

**Practical**

Plant Extraction Part II

**13:00 – 14:00 Lunch break**

**14:00-18:00**

**Practical**

Larvae Exsheathment Inhibition Assay

**Friday 4<sup>th</sup> March**

**09:00-13:00**

**Lecture**

Prof. Stig Milan Thamsborg: ***“Biological control of nematode infection”***

Prof. Andrew Richard Williams: ***“Dietary phytochemicals and the immune response to parasite infection”***

**Practical**

Egg hatch inhibition assay Part II

**13:00 – 14:00 Lunch break**

**14:00-18:00**

**Lecture**

Prof. Juan Felipe Torres Acosta: ***“Targeted selective treatment of sheep and goats: how to use the basics for the nutraceutical materials?”***

**Practical** (if not concluded + questions)

**Discussion & Closure**

## Trainers

### *Lectures will be given by:*

- **Hervé Hoste (on-site)**  
Directeur de Recherches, INRAE, UMR INRAE/ENVT 1225 Toulouse  
France
- **Pedro González Pech (on-line)**  
Professor  
Universidad Autónoma de Yucatán. Facultad de Medicina Veterinaria y  
Zootecnia: Merida, Yucatan, Mexico
- **Juan Felipe de Jesús Torres-Acosta (on-line)**  
Professor  
Universidad Autónoma de Yucatán. Facultad de Medicina Veterinaria y  
Zootecnia: Merida, Yucatan, Mexico
- **Marica Engström (on-line)**  
Postdoctoral researcher  
Natural Chemistry Research Group, University of Turku, Finland
- **Stig Milan Thamsborg (on-line)**  
Professor  
Parasitology and Aquatic Pathobiology, Department of Veterinary and  
Animals Sciences, University of Copenhagen Denmark
- **Andrew Richard Williams (on-line)**  
Associate Professor  
Parasitology and Aquatic Pathobiology, Department of Veterinary and  
Animals Sciences, University of Copenhagen Denmark

### *Practicals will be given by:*

- **Hervé Hoste**  
Directeur de Recherches, INRAE, UMR INRAE/ENVT 1225 Toulouse  
France
- **Smaragda Sotiraki**  
Research Director, Vet Res Inst., HAO-DIMITRA, Thessaloniki Greece



- **Katerina Saratsi**  
Postdoctoral researcher, Vet Res Inst., HAO-DIMITRA, Thessaloniki  
Greece
- **Antonio Bosco**  
Postdoctoral researcher, Department of Veterinary Medicine and Animal  
Production  
University of Naples Federico II, Naples Italy

***\*\*Timetable is on Greek time - EET (CET +1)***

