

A list of possible traineeships for Erasmus+ students (SMP) in Lleida

- Animal anatomy: Dissection of large ruminants at death processing plant.
- Animal reproduction: Obstetric control at dairy cow farms (rectal palpation and ultrasonography), and artificial insemination procedures.
- Animal parasitology: Coprological Analysis. Identification of parasite eggs in faeces. Identification of larval stages from coprocultures. Identification of different adult parasites.
- Animal pathological anatomy: Necropsies in poultry and mammals: procedures and lesion recognition; macroscopic pathology; histopathology; lesion recognition in slaughtered animals.
- Poultry Health: Histology, propedeutics and sampling, health, case studies. Visit of a health research centre with focus on poultry diseases.
- Rabbit Health: Histology, propedeutics and sampling, health, case studies.
- Swine Health: Cases Studies (Reproductive failure; Neonatal diarrhea; Diarrhea in growing and finishing pigs; Nervous disease in nursery pigs; Porcine respiratory complex disease; Non-infectious diseases. Management of pigs. Sampling. Application of drugs and vaccines. Farm biosecurity analysis and surveys.
- Ruminant Health: Traineeship (6-10 hours on a dairy farm in groups of 6-8 students; 6-10 hours on a sheep and / or goat farm in groups of 6-8 students; 6-10 hours on a bait farm (cattle or sheep) in groups of 6-8 students. They practice: Clinical diagnoses and easy on farm diagnostic" laboratory" techniques (refractrometry, quick ELISA, etc). Necropsy in farm. Plans to prevent metabolic and infectious diseases. Presentation of clinical and sanitary solutions to livestock. Analysis of technical data for detection of herd problems. Surgery in ruminants. Reproduction management.
- Equine Health: Dental, ophthalmologic, lymphatic, cardio-respiratory and abdominal propedeutics. Diagnostics of locomotion problems. Workshops of radiology and ultrasonography. Emergency and injury health care.
- Diagnose of infectious diseases: Molecular tools for infectious disease diagnoses: qPCR and Real time-PCR; Anatomopathological diagnostics: macroscopic, microscopic and special stains; Microbiological and immunological diagnosis: serology (ELISA, agglutination), culture media preparation; Clinical case results interpretation.
- Wildlife Health: Health care in a wildlife town rescue centre. Field necropsy of wild boar: target organs, data and samples collection. Teleanaesthesia: darts and blowpipe.
- Pet Health: Blood smear, blood count and clinical biochemistry interpretation. Image diagnosis. Propedeutics and sampling of ears, male and female reproductive tract; urine analysis; case studies of urinary health; endocrinology; auscultation and electrocardiogram; thoracic radiology; cardiology clinical cases; respiratory diseases; abdominal ultrasonography; gastrointestinal clinical cases, dermatologic examination, sampling and microscopic evaluation; ophthalmological examination, diagnoses and clinical cases; oncological clinical cases; traumatology and muscle-related clinical cases; emergency clinical cases.

Food hygiene and inspection: Food industry hygiene controls, surface analysis, food analysis, food handler. Food microbiological analyses. Trichinella analysis. Freshness of fish analysis and fish identification. Food industry visits.

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