



Animal Scientists role in EU

Andrea Rosati

EAAP - European Federation for Animal Science

www.eaap.org



Studying Animal Science

Animal science involves the study of animals **under human control**

The courses curriculum have strong focus on **science**, along with hands-on experience working with animals

This field of study prepares students for **careers working with animals** (including agribusiness, animal breeding and animal behavior)



Employement of Animal Scientists

- Only 4% of animal scientists are currently unemployed
- It is predicted a 9,8% growth for the next ten years
- Only 9% are self-employed



Employement of Animal Scientists

- Colleges
- Universities
- Professional schools
- Research facilities
- Consulting organizations
- Animal production facilities



Employement of Animal Scientists

- Management of dairy farms
- Management of eEgg farms
- Extension service
- Nutritionist
- Geneticist
- Breeder
- Meat inspector
- Laboratory assistant
- Sales manager
- ...



Specific Role in the Artificial Insemination

- USA
 - Most AI technicians hold a degree in animal science but high school degree is sufficient
 - Some are also veterinarians
 - There are training programs available to prepare to work in AI
 - Courses offered by national breeding associations or private companies



Specific Role in the Artificial Insemination

EU

- Veterinarians
- Technicians who had a course (few months) and exams. Most are animal scientists and biologists
- Some country requires a degree to participate to the course



Ethic Commission dealing with activities on Animals – some example

France

Commission composed by:

- A person with competence in the field of the **design of experimental procedures** about animals
- A person with competence in the field of **carrying out experimental procedures** about animals
- A person with skills in at least one of the following areas: - **animal care**; - **killing of animals**
- A **veterinarian**
- A person **not specialized** in matters relating to the use of animals for purposes scientists



Ethic Commission dealing with activities on Animals – some example

Italy

Some examples:

- Persons with **competency** in the scientific, ethical and legal aspects of animal experimentation
- Persons **interested** in experimentation activities with some competency in the scientific, ethical and/or legal aspects of animal experimentation



Roles for Veterinarians and Animal Scientists in EU

Veterinary

- Cares for animal health services
- Performs clinical visits to pets and livestock
- Realizes the clinical emergency activity on pets and livestock

Animal Scientist

- Makes an integrated compound feed
- Processes food rationing plans
- Verifies compliance with the mandatory national food safety rules
- Provides consulting services for breeding farms



Roles for Veterinarians and Animal Scientists in EU

Veterinary

- Cares for the correct management of the slaughter phase
- Carries out the health inspection activity of the food supply chain
- Creates and manages the quality control system
- Markets veterinary pharmaceutical products

Animal Scientist

- Commercialize animal feed at farms
- Public policy program for the development of the livestock sector
- He carries out genetic counseling interventions



Comments?

Questions?