



Avian Laboratory Training Program

The ADFH laboratory offers the possibility of a 2-weeks or 4-weeks Avian Laboratory Training Program. This program is open for laboratory technicians, veterinary students and practicing veterinarians. The avian laboratory training program provides an extensive training in all avian laboratory examinations including avian parasitology, cytology, haematology, biochemistry, microbiology and virology for interested laboratory technicians and avian practitioners.

The ADFH Laboratory Training Program shall be a comprehensive education in both theory and practice of avian laboratory medicine. Theory classes will be held throughout the externship period.

Syllabus for the Avian Laboratory Training Program

During the training program, the trainees have the opportunity to work with highly sophisticated methods and technologies. This program offers practical hands on experience in a variety of important laboratory procedures.

2-Weeks Laboratory Training

The training includes:

1. General overview on lab safety
 - 1) General safety rules
 - 2) Personal safety rules
 - 3) Specimen processing and disposal
 - 4) Results reporting
2. Parasitology
 - 1) General overview
 - 2) Different methods
 - 3) Differentiation of parasites
3. Haematology
 - 1) General overview
 - 2) Different methods
 - 3) Identification of blood cells and blood parasites



4. Biochemistry
 - 1) General overview
 - 2) Biochemical parameters
 - 3) Avian biochemical profile
 - 4) Biochemical examination

4-Weeks Laboratory Training

The in-depth training includes:

1. General overview on lab safety
 - 1) General safety rules
 - 2) Personal safety rules
 - 3) Specimen processing and disposal
 - 4) Results reporting
2. Parasitology
 - 1) General overview
 - 2) Different methods
 - 3) Differentiation of parasites
3. Haematology
 - 1) General overview
 - 2) Different methods
 - 3) Identification of blood cells and blood parasites
4. Biochemistry
 - 1) General overview
 - 2) Biochemical parameters
 - 3) Biochemical examination
 - 4) Avian biochemical profile
5. Microbiology
 - 1) General overview and history
 - 2) Different methods
 - 3) Differentiation of bacteria and fungus
6. Virology
 - 1) History
 - 2) General overview
 - 3) Different methods including ELISA and PCR