

Bando per Corso di Perfezionamento A.A. 2017-2018

“Advanced Course on Raptor Medicine”

Parma, Strada del Taglio, 10 – Italy

15/03/2018-17/03/2018

Teachers: Jaime Samour* and Paolo Zucca**

MVZ (Hons), Ph.D., Diplomate European College of Zoological Medicine (Avian), European Specialist in Zoological Medicine (Avian), Director of Wildlife, Wrsan, Wildlife Division, Office of HH Sheikh Sultan bin Zayed Al Nahyan, Abu Dhabi, United Arab Emirates; Diplomate of the European College of Zoological Medicine (Avian) (Dipl ECZM); IUCN SSC Wildlife Health Specialist Group, Regional Representative Middle East and North Africa

** DVM, Ph.D. Physiology and Ethology, B.Sc. Psychology - Veterinary Officer, Veterinary Public Health Service, Central Directorate for Health, Social Health Integration, Social Policies and Family - Friuli Venezia Giulia Autonomous Region; Veterinary Surgeon recognized from the National Chamber of Veterinary Surgeon of Italy (FNOVI) in the field of Exotic and Wildlife Animal Medicine and Surgery.

The Faculty of Veterinary Medicine of Parma University offers a three day advanced course on Falcon Medicine and Surgery. The program is designed for veterinarians seeking to improve their knowledge in Falcon medicine and surgery. Course works in evolution, anatomy, physiology, behaviour and cognition, handling, clinical procedures, diagnostic procedures, infectious diseases and surgery. Lectures are combined with practical laboratory experiences in Falcon Medicine. The advanced course will be taught entirely in English. The course is for **post-graduate veterinary students**.

To learn:

- The basic biology and taxonomy of birds of prey
- The bird brain and the avian cognition
- How to handle and examine a bird of prey
- How to carry out a comprehensive clinical diagnosis
- The most commonly used clinical diagnostic laboratory assays in veterinary practice
- The most commonly used cosmetic, nursing, and medical procedures in veterinary practice

- The aetiology, transmission, clinical pathology, diagnosis and prevention of the most common infectious diseases of birds of prey
- The most common therapeutic and preventative medicine agents commonly used in birds of prey
- The aetiology, clinical pathology, diagnosis and prevention of the most common non-infectious diseases of birds of prey
- The principles and application of anaesthesia in birds of prey
- Common soft tissue and orthopaedic surgical techniques
- The design and implementation of preventative medical programmes for birds of prey

The course will be held at the Department of Veterinary of the University of Parma, located in Strada del Taglio, 10 - 43126 Parma (Italy) from 15/03/2018 to 17/03/2018.

Program of training activities	
Topics	Hours
Module 1. Introduction to Raptors a) Evolution and taxonomy b) Structure and function	1
Module 2a. Structure and Function a) Anatomy b) Physiology	1
Module 2b. Bird brains: avian cognition and welfare	2
Module 3. Patient Examination a) Physical examination b) Clinical examination	1
Module 4. Clinical Diagnostic Laboratory 1 a) Haematology b) Blood chemistry	1
Module 5. Clinical Diagnostic Laboratory 2 a) Parasitology b) Cytology	1
Module 6. Medical, Nursing and Cosmetic Procedures 1 a) Medicament administration b) Biomedical sampling c) Nasal and sinus flushing d) Dressings and bandaging	1
Module 7. Medical, Nursing and Cosmetic Procedures 2 a) Stomach tube placement b) Force feeding	1

c) Beak and talon trimming d) Feather repair	
Practical workshops for Module 1-7	2
Module 8. Sedation and Anaesthesia a) Handling b) Sedation c) Anaesthesia	1
Module 9. Clinical diagnostic examination 1 a) Radiology	1
Module 10. Clinical diagnosis examination 2 b) Endoscopy	1
Module 11. Infectious Diseases a) Viral diseases b) Bacterial diseases c) Fungal diseases	1
Module 12. Non-infectious Diseases a) Toxicosis b) Metabolic	1
Practical workshop for Module 8-12	3
Module 13. Preventative Medicine Programme a) Quarantine and isolation b) Cleaning and disinfection c) Deworming d) Vaccination	1
Module 14. Soft Tissue Surgery	1
Module 15. Orthopaedic Surgery	1
Practical workshops for Module 13-15	3
Total hours	25

The maximum number of places available is 40, while the minimum number of enrollers for the course is 10. There are no admission tests, and the selection of candidates will be based on the date of registration with criteria that are only chronological. No test is scheduled and final examination is scheduled. The degree required for enrollment in the course is the Bachelor's Degree in Veterinary Medicine.

The administrative structure in charge of the organizational and financial management of the course is the Department of Medical and Veterinary

Science of the University of Parma and head of the administrative procedure is Dr. Marialuisa Ghelfi. The course director is Prof. Maurizio Dondi.

The registration form, to be found in the annex to this document, should be sent to maurizio.dondi@unipr.it within the 31/12/2017 day. On reaching the minimum number of participants will be notified of the activation of the course and terms of payment.

The course fee is € 1000 (inclusive of taxes). Payment will be made after the activation of the course by bank transfer to "University of Parma" c / o Banca Popolare di Sondrio - Agency Parma - Via Emilia Est 3 / B - 43121 Parma Iban code: IT47 N 05696 12700 000025300X38, causal "Course in Medicine and Surgery of the Raptors' first and last names participant."

Information and communications			
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