CONSERVATION MEDICINE
AND WILDLIFE HEALTH
INTERNATIONAL SEMINAR

Thursday 16\textsuperscript{th} and Friday 17\textsuperscript{th} June, 2022

Teramo, Campus Aurelio Saliceti
Polo Didattico Silvio Spaventa - Aula magna Benedetto Croce
Via Renato Balzarini 1 - Località Colleparco.

Seminar Programme

Thursday 16\textsuperscript{th}
8:30  Registration, coffee, networking.
9:00  Official opening of the Seminar by Teramo University and Maiella National Park.

9.30 Keynote Session 1.
Advanced in wildlife health and conservation medicine.

\textbf{Keynote lecture. A. Alonso Aguirre} (Chair and Professor of the Department of Environmental Science and Policy, College of Science, George Mason University, Fairfax, Virginia, USA)
Conservation Medics and Planetary Doctors: Transdisciplinary Teams Addressing Zoonotic Disease Emergence, Global Environmental Change, and Biodiversity Loss.

\textbf{Contributed talks}
\textit{Freya Saulsbury Martin} - University of Leeds, United Kingdom.

11.50. Coffee break / Poster session.

\textit{Chiara Anna Garbarino} - Istituto Zooprofilattico Sperimentale della Lombardia e dell’Emilia-Romagna, Italy.
*Maria Elisabetta De Angelis*– Istituto Zooprofilattico Sperimentale dell’Abruzzo e del Molise, Italy.

13.00. Synthesis and discussion.

13.15. Lunch break.

14.45 Keynote Session 2.
Advanced in wildlife health and conservation medicine.

**Keynote lecture. Jorge Ramon Lopez Olvera** (Professor of the Department of Animal Medicine and Surgery, Universitat Autònoma de Barcelona, Bellaterra - Barcelona, Spain)
Wildlife live trapping for research and conservation. The opportunity to advance in Conservation Medicine, the responsibility of animal welfare.

**Contributed talks**

*Erika Ottone* – Pollino National Park, Italy.

16.50. Clinical parameters, biochemical analysis and venous blood gas of Apennine Chamois (*Rupicapra pyrenaica ornata*) captured by associated mechanical and chemical immobilization in conservation translocations activities.
*Simone Angelucci* – Maiella National Park, Italy.

17.10. Serological investigation about *Treponema paraluisleporidarum* ecovar lepus in Northern Italy.
*Tiziana Trogu* - Istituto Zooprofilattico Sperimentale della Lombardia e dell’Emilia-Romagna, Italy.

17.30. Veterinary forensic medicine in the fight against poaching: the case of the Northern bald ibis (*Geronticus eremita*) in Italy.
*Rosario Fico* - Istituto Zooprofilattico Sperimentale del Lazio e della Toscana, Italy.

17.50. Unusual serotypes of *Salmonella enterica* subsp. enterica isolated in terrestrial tortoises in the Emilia Romagna Region, Italy.
*Tiziana Trogu* - Istituto Zooprofilattico Sperimentale della Lombardia e dell’Emilia-Romagna, Italy.

18.10. Vasectomy in captive deer (*Cervus elaphus*) as management tool of non-releasable wildlife.
*Alice Carbonari* – University of Bari, Italy.

18.30. Synthesis and discussion. – Poster session.

19.00. End of the day 1.
9.00 Keynote Session 2. Infectious and parasitic diseases, perspectives in ecosystem health, environmental change and human-wildlife interface.

Keynote lecture. James D. Forester (Associate Professor Institute on the Environment - Dept. Fisheries, Wildlife, and Conservation Biology, University of Minnesota, USA).
Fragments of spread: interactions between landscape structure and animal behavior shape wildlife disease dynamics.

Contributed talks

10.30. Contribution to the study of wildlife’s place in western societies: overview of the situation and ethical analysis.
Manon Moullec – VetAgro Sup Campus Veterinaire, France.

10.50. Wildlife poisoning in Abruzzo region (Italy) during 2011-2020 period.
Pietro Badagliacca - Istituto Zooprofilattico Sperimentale dell’Abruzzo e del Molise, Italy.

11.10. Coffee break / Poster session.

Anastasia Komnenou – University of Ioannina, Greece.

12.00. Influenza virus in wild ducks and a wild-livestock ecosystem characterization.
Liliana Gaytán Cruz – University of Mexico.

12.20. First detection of Avian Metapneumovirus subtype c in a Eurasian Wigeon (Mareca penelope) wintering in Northeast Italy.
Giulia Graziosi - University of Bologna, Italy.

12.40. Epidemiological survey of tick-borne zoonotic pathogens in Ixodes ticks from migratory birds flying through Eastern Alps, Italy.
Laura Grassi – University of Padua, Italy.

13.00. Antibodies against Tick-borne Encephalitis Virus in wild ungulates from North-Eastern Italy: preliminary study.
Maria Luisa Menandro, University of Padua, Italy.

13.20. Lunch break.

Alessandro Bianchi - Istituto Zooprofilattico Sperimentale della Lombardia e dell’Emilia-Romagna, Italy.

15.10. Effects of climate change on the distribution of a conservation interest species in two possible future scenarios: the case of Meadow viper (Vipera ursinii) in Central Apennines.
Lorenzo Liberatore – Italy.
Alessandra Cornacchia – Istituto Zooprofilattico Sperimentale dell’Abruzzo e del Molise, Italy.

15.50. Exposure to Mycobacterium avium subsp. paratuberculosis in alpine pastures: evaluation of cattle and red deer contribution through environmental faecal samples.
Chiara Anna Gambarino - Istituto Zooprofilattico Sperimentale della Lombardia e dell’Emilia-Romagna, Italy.

16.10. Emerging resistance profiles in bacterial strains from wild and domestic ruminants in Central Italy.
Camilla Smoglica – University of Teramo, Italy.

16.30. Discussion and seminar roundup.
17.00. Closing ceremony.

Please refer to the conference web site at: [www.conservationmedicineseminar.it](http://www.conservationmedicineseminar.it) for further information on the seminar, venue and post-seminar tour in Maiella National Park.

You may also contact the organizers at info@conservationmedicineseminar.it in case of further questions.

*We look forward to welcoming you in Teramo and in Maiella National Park!*

Organizing Committee: Prof. Cristina E. Di Francesco (Faculty of Veterinary Medicine, Teramo); Prof. Fulvio Marsilio (Faculty of Veterinary Medicine, Teramo); Dr. Simone Angelucci (Maiella National Park, Caramanico Terme (PE), Italy); Dr. Antonio Antonucci (Maiella National Park, Caramanico Terme (PE), Italy).