

UNIVERSITÀ
DEGLI STUDI
DI TERAMO



CONSERVATION MEDICINE AND WILDLIFE HEALTH INTERNATIONAL SEMINAR

Thursday 16th and Friday 17th June, 2022

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

Seminar Programme

Thursday 16th

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.

■ **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.

Contributed talks

11.30. **Assessing the effectiveness of combined vaccination and immunocontraception strategies in reducing Canine Distemper Virus prevalence in free-roaming and African Wild Dogs.**

Freya Saulsbury Martin - University of Leeds, United Kingdom.

11.50. **Coffee break / Poster session.**

12.20. **Importance of passive surveillance and existence of expert network for a correct ecological and epidemiological approach in wildlife: the example of Golden Jackal (*Canis aureus*) in Piacenza Province.**

Chiara Anna Garbarino - Istituto Zooprofilattico Sperimentale della Lombardia e dell'Emilia-Romagna, Italy.



12.40. *Listeria monocytogenes* passive surveillance and strain characterization in wolves.

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

16.20. **Live capture and population survey of the European Wildcat (*Felis silvestris*) in the Pollino National Park: work in progress.**

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.**

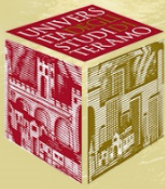
Tiziana Trogu - Istituto Zooprofilattico Sperimentale della Lombardia e dell’Emilia-Romagna, Italy.

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.



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Friday 17th

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.**

11.40. Challenges of treating Mediterranean monk seal (*Monachus monachus*) in Greece: a thirty-year experience.

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.

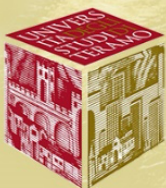
13.20. **Lunch break.**

14.50. A “One Health” approach to the pathogens transmitted by ticks in the Italian Central Alps in the period 2018-2021.

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.



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15.30. Klebsiella spp. isolates in wild animals in Central Italy: antimicrobial resistance at the wildlife–environment–human interface.

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 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).