



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.





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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.

Francesca Maccagnan - 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.

Annalisa Rizzo - University of Bari, Italy.

18.30. Synthesis and discussion. - Poster session.

19.00. End of the day I.





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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.

KEY DATES

29th May, 2022: Deadline for seminar registration

THE REGISTRATION IS FREE (0 EUR registration fee).

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).

