

CURRICULUM VITAE

Beatrice SICA

Current position

PhD student in Veterinary Sciences for Animal Health and Food Safety (38th cycle)

Department of Veterinary Sciences, University of Turin, Italy.

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Beatrice developed as a DMV student a strong interest in equine internal medicine. After a one-year rotating internship in the Equine Veterinary Hospital of the University of Turin, she recently engaged in a PhD program in Veterinary Sciences for Animal Health and Food Safety, focusing on respiratory health from both an equine and One Health point of view. In her free time, Beatrice enjoys mountain hiking with her dog, reading books, and listening to music.

Education

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| 1 Nov 2022- ongoing | PhD in Veterinary Sciences for Animal Health and Food Safety (38th cycle)
Department of Veterinary Sciences, University of Turin, Italy
Project title: "A study on the role of inhaled mineral particles in equine lung inflammation"
Supervisor: Dr. Michela Bullone |
| 14 October 2021 | Doctor in Veterinary Medicine DVM (LM-42, as for Italian DM 270/2004)
Department of Veterinary Sciences, University of Parma, Italy
Grade: 110/110 <i>cum laude</i> |

Working experience

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| March - Sept 2021: | Veterinary assistant with clinical and management duties
Centro Equino Arcadia, Villafranca Piemonte, Italy
Supervisor: Dr. Giovanna Romano, Dipl. ECAR |
| Jan - Dec 2022: | Internship equivalent position (as for Italian regulation, "Contract veterinarian")
Large Animal Service (Equine), Veterinary Teaching Hospital (VTH),
Department of Veterinary Sciences, University of Turin, Italy |

Research experience

During my internship-equivalent period at the University of Turin, I participated into a project that aims to investigate the structure-function relationship of the airway smooth muscle in healthy and asthmatic horses. This project has led to national and international collaborations, and preliminary results obtained have been presented at scientific meetings and symposium.

During my first 6-months of PhD, I have acquired tasks in data organization and reporting, critical literature review, unbiased level of evidence assessment, and basics of protocol validation.

Abstract and oral presentations

Presenter when the name is underlined

1. Sica B. (2022) “Rottura del tendine prepubico: fattori di rischio, trattamento e prognosi” [ENG: “Rupture of the prepubic tendon: risk factors, treatment and Prognos”], During a seminar on “Peripartum diseases of mares” hold in the context of the Internship educational project, Department of Veterinary Sciences, University of Turin (18 February 2022). – Oral presentation
2. Sica B., Bullone M. (2022) “Prevalence and risk factors associated with aberrant geometric airway smooth muscle arrangement in equine severe asthma”, In: Game of Research 2022, Department of Veterinary Sciences, University of Turin, Italy (23 December 2022). – Oral presentation
3. Sica B., Bullone M. (2023) “Prevalence and risk factors associated with aberrant geometric airway smooth muscle arrangement in equine severe asthma”. In: Proceedings of the 76th Congress of the Italian Society of Veterinary Science (SISVET), 21-23 June 2023, Bari, Italy. – Accepted
4. Sica B., Parrilli AP, Memoli G, Romolo A, Bullone M. (2023) “Preliminary analysis for the optimization of 3D airway smooth muscle visualization in micro- and submicron-CT images”. In: Proceedings of the 76th Congress of the Italian Society of Veterinary Science (SISVET), 21-23 June 2023, Bari, Italy. – Accepted
5. Romolo A, Sica B, Pavan C, Tomatis M, Ardit M, Di Benedetto F, Capella S, Belluso E, Turci F, Bullone M. (2023) “In vitro preliminary investigation of the toxic potential of equine riding surfaces: let the mineral hunt begin!”. In: Proceedings of the 76th Congress of the Italian Society of Veterinary Science (SISVET), 21-23 June 2023, Bari, Italy. – Accepted as oral presentation

Mother tongue: *Italian*

Other languages:

French: *fluent*

English: *good*