*CURRICULUM VITAE*

MANASSERO, LUCA

Date of birth: 12/06/1990
Gender: M
Nationality: Italian

### *Current position*

**PhD student in Veterinary Sciences for Animal Health and Food Safety (39th cycle)**

*Department of Veterinary Sciences, University of Turin, Italy.*

Email address: luca.manassero@unito.it

Luca Manassero is a Doctor of Veterinary Medicine (DVM) specialized in advanced diagnostic imaging. He's currently enrolled to the PhD program in Veterinary Sciences for Animal Health and Food Safety at the University of Turin, Italy. His work focuses on CT and MRI of small animals with oncological, orthopedical and neurological disorders. In the last few years he developed a particular interest to new technologies that can be applied in veterinary medicine such as 3D printing, virtual reality and artificial intelligence.

- **EDUCATION**

    28/10/2018    Degree in Veterinary Medicine
    University of Turin, Department of Veterinary Sciences, Grugliasco, Italy
    Grade: 92/110 Title of Degree Thesis: "Radiofrequency thermoablation in pig livers: Magnetic Resonance characterization".

- **OTHER TRAINING**

    20/06/2022 – 08/07/2022
    Visiting Period at the Division of Diagnostic Imaging
    Department of Clinical Sciences, Faculty of Veterinary Medicine,
    Utrecht University, Netherlands

    28/11/2022 – 28/10/2023
    Training Programme "General Practitioner Certificate Computed Tomography"
    GP Cert (CT)
    International School of Veterinary Postgraduate Studies

- **PREVIOUS RESEARCH AND PROFESSIONAL POSITION(S) / PARTICIPATION TO RESEARCH GROUPS / FELLOWSHIP(S)**

Research Activities:

01/12/2021 – 01/12/2022
*Research Grant* "Design of customized 3-dimensional-printed cranioplasty prosthesis in small animals" University of Turin, Department of Veterinary Sciences, Grugliasco, Italy.

31/07/2019 – 30/12/2019
*Research Grant* "Magnetic resonance imaging low field protocols optimization of dog's joints" University of Turin, Department of Veterinary Sciences, Grugliasco, Italy.

*Teaching Activities:*

Academic year 2020/2021
Lecturer for teaching activities (48h) in Practical Clinical Rounds - Advanced Diagnostic Imaging Unit at the OVU (Veterinary University Hospital).
University of Turin, Department of Veterinary Sciences, Grugliasco, Italy.

Academic year 2021/2022
Lecturer for teaching activities (48h) in Practical Clinical Rounds - Advanced Diagnostic Imaging Unit at the OVU (Veterinary University Hospital).
University of Turin, Department of Veterinary Sciences, Grugliasco, Italy.

- **PUBLICATION LIST**

- Serperi M., Bonaffini G., Ottino C., et al. Conservative treatment of a synovial cyst in a golden eagle (Aquila chrysaetos) with triamcinolone acetonide. J. Vet. Med. Sci. 2024; 86(5): 592–595; doi:10.1098/rspb.2023.1029 (Veterinary Q2)

- Favaro L., Zanoli A., Ludynia K., Snyman A., et al. Vocal tract shape variation contributes to individual vocal identity in African penguins. Proc. R. Soc. B. 2023 doi:10.1098/rspb.2023.1029 (Biological Sciences Q1)

- Ferraris EI, Olimpo M, Giacobino D, et al. Sentinel lymph node mapping with computed tomography lymphography for mast cell tumours and a comparison between regional and sentinel lymph node histological status: Sixty-two cases. Vet Comp Oncol. 2023; 21(2):208-220. doi:10.1111/vco.12878220 (Veterinary Q1)

- Colitti, B., Manassero, L., Colombino, E. et al. Pulmonary fibrosis in a dog as a sequela of infection with Severe Acute Respiratory Syndrome Coronavirus 2? A case report. BMC Vet Res 2022; 18, 111. doi:10.1186/s12917-022-03191-x (Veterinary Q1)

- Cagnotti G, Ferrini S, Di Muro G, et al. Constant rate infusion of diazepam or propofol for the management of canine cluster seizures or status epilepticus. Front. Vet. Sci. 2022; 9:1005948. doi:10.3389/fvets.2022.1005948 (Veterinary Q1)

- Camerino M, Giacobino D, Manassero L, et al. Prognostic impact of bone invasion incanine oral malignant melanoma treated by surgery and anti-CSPG4 vaccination: A retrospective study on 68 cases (2010–2020). Vet Comp Oncol. 2022;20(1):189-197. doi:10.1111/vco.127 (Veterinary Q1)

- Giacobino D, Camerino M, Riccardo F, et al. Difference in outcome between curative intent vs marginal excision as a first treatment in dogs with oral malignant melanoma and the impact of adjuvant CSPG4-DNA electrovaccination: A retrospective study on 155 cases. Vet Comp Oncol. 2021; 19:651–660. doi:10.1111/vco.12690 (Veterinary Q1)


- **PRESENTATION OF PAPERS, POSTER, GIVEN SPEECHES AT CONFERENCES AND SEMINARS**

15/12/2022    **Poster Presentation**, "Design of customized 3-dimensional-printed cranioplasty prosthesis in small animals with affordable biocompatible materials",
Game of Research 2022,
University of Turin, Department of Veterinary Sciences, Grugliasco, Italy.

14/12/2023    **Poster Presentation,** "The use of computed tomographic lymphography for the identification of sentinel lymph node in cats with superficial solid tumors: a pilot study", Games of Research 2023, University of Turin, Department of Veterinary Sciences, Grugliasco, Italy.

7-8/10/2024    **Poster Presentation,** Pawlik M., Manassero L., Piras L., Vezzoni L., Trębacz P., Kurkowska A., Barteczko A., Marcin Basiaga M. "Evaluation of 3D Printed Biomimetic Canine Antebrachial Deformity Orthopedic Training Models; in proceeding of the HealthTech Innovation Conference in Zabrze (Poland); 7-8/10/2023.

17-19/10/24    **Poster Presentation,** Camerino M, Giacobino D, Tarone L, Dentini A, Martano M, Morello E, Ferraris E I, Manassero L, Iussich S, Maniscalco L, Cavallo F, Riccardo F, Buracco P "Clinical evaluation of HuDo-CSPG4 DNA electroporation as adjuvant treatment for canine oral malignant melanoma: comparsion of two vaccination protocols", in: Veterinary Cancer Society Annual Conference, , Orlando (United States) – Poster


- **REVIEWER ROLE**
Invited Reviewer for: Kim Y., Kim S-S., Kwon D., et al., *Computed Tomographic Quantitative Evaluation of Common Bile Duct Size in Normal Dogs*, Front. Vet. Sci. 2023; 10: 1137400. doi: 10.3389/fvets.2023.1137400


- **PROFESSIONAL AFFILIATIONS**
Since 2021 is a member of SVIDI (Società Veterinaria Italiana di Diagnostica per Immagini

- **LANGUAGE SKILLS**

Native speaker: Italian
Other language(s): English
Language, level of competence: very good/B2

- **SOFT SKILLS**

Autonomous performing and reporting of RX, CT and MRI studies of small animals, CT-guided cytology and biopsy, work with students of clinical rounds and thesis preparation.
University of Turin, Department of Veterinary science, Grugliasco, Italy, January 2020- Today

Skills in medical imaging database and PACS management, advance user of DICOM software, expertise in 3D image rendering and 3D printing (Biomedical Visualization – University of Glasgow via Coursera), advance knowledge of photo and video editing softwares.

Grugliasco, October 2024                                                                          Signature