



Anna Cerullo

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ABOUT ME

PhD student in Veterinary Sciences for Animal Health and Food Safety at the University of Turin (November 2021-Ongoing). Anna's research interests include equine abdominal surgery and equine colic with a focus on prophylaxis and treatment of Surgical Site Infection. Her current project is about the use of honey-based membranes for prevention of Surgical Site Infections in rat models. Graduated from the University of Perugia (Italy) DVM degree: 110/110 cum laude (2020).

WORK EXPERIENCE

PhD student

Department of Veterinary Sciences, University of Turin [01/11/2021 – Current]

City: Turin

Country: Italy

PhD Project title:

"Evaluation of the efficiency of honey-based devices in preventing and treating surgical site infections and in promoting the healing of incisional hernias in rat models"

Supervisor: Prof. Marco Gandini

Educational experiences abroad:

- VetAgro Sup, University of Lyon from July 31 to September 17, 2023. Attendance of "**Summer Equine Clinical Externship**"
- University of Zaragoza - Visiting period from June 14 to July 4, 2023. Attendance of clinical activities on horses admitted to the Veterinary Teaching Hospital and attendance of the seminars organized by the institution.
- University of Barcelona - Visiting period from April 30 to June 10, 2023. Attendance of clinical activities on horses admitted to the Veterinary Teaching Hospital and attendance of the seminars organized by the institution.

Research fellowship

Department of Veterinary Sciences, University of Turin [03/07/2020 – 30/09/2021]

City: Turin

Country: Italy

Research Topic: "Evaluation of perioperative fluid therapy in horses hospitalized for colic syndrome and effect on complications"

Supervisor: Prof. Marco Gandini

EDUCATION AND TRAINING

Master's Degree in Veterinary Medicine cum laude

Department of Veterinary Medicine, University of Perugia [01/09/2014 – 20/05/2020]

High school degree in Human Sciences

Liceo delle scienze umane, E. Gianturco, Potenza [01/09/2008 – 07/07/2014]

LANGUAGE SKILLS

Mother tongue(s): **Italian**

Other language(s):

English

LISTENING B1 READING B2 WRITING B2

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Microsoft Office / Microsoft Word / Microsoft Powerpoint / Zoom / Microsoft Excel / Google Drive / Outlook / Social Media

PUBLICATIONS

[Spadari A, Gialletti R, Gandini M, Valle E, Cerullo A, Cavallini D, Bertolotti A, Rinnovati R, Forni G, Scilimati N, Giusto G. Short-Term Survival and Postoperative Complications Rates in Horses Undergoing Colic Surgery: A Multicentre Study. *Animals*. 2023; 13\(6\):1107. <https://doi.org/10.3390/ani13061107>](#)

[2023]

[Gandini M, Cerullo A, Gallo L, Iussich S, Minoli L, Giusto G. Ex vivo evaluation of a technique for equine jejunocecal anastomosis using radiofrequency thermofusion and a Cushing oversew \[published online ahead of print, 2023 Mar 15\]. *Vet Surg*. 2023;10.1111/vsu.13946. doi:10.1111/vsu.13946](#)

[2023]

[Cerullo A, Gandini M, Giusto G. Occurrence and Definitions of Intra and Postoperative Complications Related to Laparoscopy in Equids: A Scoping Review. *Vet Sci*. 2022;9\(10\):577. Published 2022 Oct 17. doi:10.3390/vetsci9100577](#)

[2022]

[Gandini M, Cerullo A, Franci P, Giusto G. Changes in Perioperative Antimicrobial and Anti-Inflammatory Drugs Regimens for Colic Surgery in Horses: A Single Center Report. *Veterinary Sciences*. 2022; 9\(10\):546. <https://doi.org/10.3390/vetsci9100546>](#)

[2022]

[Gandini M, Cerullo A, Giusto G. Scoping review: Occurrence and definitions of postoperative complications in equine colic surgery \[published online ahead of print, 2022 Oct 5\]. *Equine Vet J*. 2022;10.1111/evj.13881. doi:10.1111/evj.13881](#)

[2022]

[Giusto G., Cerullo A., Gandini M. Transillumination techniques for vessel identification during small colon resection in six horses \[published online ahead of print, 2022 Aug 25\]. *J Equine Vet Sci*. 2022;104113. doi:10.1016/j.jevs.2022.104113.](#)

[2022]

[Gialletti R., Nannarone S., Gandini M., Cerullo A., Bertolotti A., Scilimati N., Giusto G. Comparison of Mesh and Barbed Suture for Laparoscopic Nephrosplenic Space Ablation in Horses. 2021. *Animals* 11, no. 4: 1096. <https://doi.org/10.3390/ani11041096>.](#)

[2021]

[Giusto G., Cerullo A., Labate F., Gandini M. Incomplete Ileocecal Bypass for Ileal Pathology in Horses: 21 Cases \(2012– 2019\). 2021. *Animals* 11, no. 2: 403. <https://doi.org/10.3390/ani11020403>.](#)

[2021]

[Giusto G., Cerullo A., Gandini M. Gastric and Large Colon Impactions Combined With Aggressive Enteral Fluid Therapy May Predispose to Large Colon Volvulus: 4 Cases. *J. Equine Vet. Sci*. 2021. Vol. 102. <https://doi.org/10.1016/j.jevs.2021.103617>.](#)

[2021]

[Giusto G., Cerullo A., Gandini M. Surgical colic caused by fibrous bands and adhesions in absence of previous abdominal surgery: 9 cases \(2011- 2019\). *Equine vet edu*. 2021. <https://doi.org/10.1111/eve.13487>.](#)

[2021]

CONFERENCES AND SEMINARS

76° Convegno SISVET

[Bari, 21/06/2023 – 23/06/2023]

- Oral Presentation (Prof. G. Giusto)

Abdominal surgery under epidural anaesthesia in calves.

G. Giusto*, C. Bellino, **A. Cerullo**, A. Ceppa, M. Gandini

- Oral Presentation (Dr. M. Serpieri)

Injectable anesthesia with Ketamine, Medetomidine, and Butorphanol in rats.

M. Serpieri*, **A. Cerullo**, G. Bonaffini, G. Quaranta, M. Mauthe von Degerfeld

28th SIVE International Congress

[Venice, 03/02/2023 – 04/02/2023]

- Poster

Incidenza e definizioni di complicazioni intra e postoperatorie associate alla laparoscopia negli equidi.

A. Cerullo*, M. Gandini, G. Giusto.

- Poster

Effects of low postoperative total plasma protein on outcome and short-term complications in horses undergoing surgery for small intestinal lesions.

B. Dal Cero*, M. Gandini, **A. Cerullo**, G. Giusto.

- Poster

Management of hyperlipemia in ponies after colic surgery in according to energy balance.

C. Bordin*, G. Giusto, M. Gandini, **A. Cerullo**, E. Valle.

27th SIVE International Congress - FEEVA

[Rome, 28/10/2022 – 29/10/2022]

- Oral Presentation

Sopravvivenza e complicazioni post-operatorie a breve termine in cavalli sottoposti a chirurgia di colica: studio multicentrico.

G. Giusto, R. Gialletti, E. Valle, **A. Cerullo***, R. Rinnovati, G. Forni, Cavallini, A. Bertoletti, N. Scilimati, M. Gandini, A. Spadari.

- Oral presentation (Prof. Gandini)

Volvolo nodoso del piccolo intestino: differenze nel quadro clinico e nella patogenesi tra puledri e cavalli adulti (5 casi).

M. Gandini*, **A. Cerullo**, G. Giusto

26th SIVE International Congress

[Bologna, 28/01/2022 – 29/01/2022]

- Oral presentation

Verifica dell'associazione tra il sovrappeso ed il rischio di infezioni incisionali in seguito a chirurgia di colica nel cavallo.

G. Giusto, E. Valle, **A. Cerullo***, Gandini

- Poster

Valutazione del rapporto tra lunghezza della sutura e lunghezza della ferita come fattore di rischio per l'infezione del sito chirurgico in seguito a laparotomia nei cavalli.

M. Gandini, **A. Cerullo***, G. Giusto

- Poster

Confronto clinico tra sutura continua di lembert e graffe metalliche per le anastomosi termino-terminale digiuno-digiunale nei cavalli.

M. Gandini, **A. Cerullo***, G. Giusto*

- Poster

Infezione incisionale in seguito a laparotomia d'urgenza nel cavallo.

M. Gandini, G. Giusto, **A. Cerullo***, N. Scilimati*, A. Bertoletti, R. Gialletti.

13th International Equine Colic Research Symposium

[Birmingham, 04/09/2021 – 07/09/2021]

- Poster

Tick-borne diseases as a cause of post-operative fever after colic surgery in northern Italy.

A. Cerullo*, G. Giusto, S. Zanet, E. Battisti, E. Ferroglio, M. Gandini

- Poster

Surgical colic caused by adhesions in absence of previous abdominal surgery: 9 cases (2012-2019).

G. Giusto, **A. Cerullo***, M. Gandini

- Poster

Incomplete ileocecal bypass for ileal pathology in horses: 21 cases (2012–2019).

G. Giusto*, **A. Cerullo***, M. Gandini

HOBBIES AND INTERESTS

Ecological observation of wild herpetological fauna

As a free time activity I am interested in wild herpetological fauna, conducting ecological observations, especially on snakes.

Publications:

1. Di Nicola M. R.*, Zabbia T., Mezzadri S., **Cerullo A.**, Bruni G. Male-male interactions in Alpine Salamanders, *Salamandra atra atra* (Laurenti, 1768), with an overview of the main cases reported for the genus *Salamandra* (Amphibia: Salamandridae). *Herpetology Notes*. 2022, 15:601-604.

2. Di Nicola M.R.*, Sicuro L., Fiorenza T., **Cerullo A.** Conferma di presenza del serpente gatto europeo, *Telescopus fallax* (Fleischmann, 1831), per la provincia di Gorizia (Serpentes, Colubridae). Studi Trentini di Scienze Naturali. 2021, 101: 87-89.

Turin, 02/10/2023



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