

CURRICULUM VITAE

PERSONAL INFORMATION

First name /Surname Troisi Alessandro

EDUCATION AND TRAINING

- Dates Maggio /2020
Name and type of organization Ospedale Didattico Veterinario della Scuola di Bioscienze e Medicina
providing education and Veterinaria, Università di Camerino
training
Title of qualification awarder Responsabile del servizio di riproduzione dei piccoli animali
- Dates 01/03/2020
Name and type of organization Scuola di Bioscienze e Medicina Veterinaria – Università di Camerino
providing education and
training Ricercatore di tipo b VET / 10
Title of qualification awarder
- Dates 05/2019 al 11/2019
Name and type of organization Università di Perugia, Italy
providing education and
training Contratto di collaborazione per attività di ricerca in riproduzione dei
Title of qualification awarder piccoli animali
- Dates 03/2019 to 06/2019
Name and type of organization Università di Camerino
providing education and
training Professore aggiunto settore Vet 10
Title of qualification awarder
- Dates 04/08/2017
Name and type of organization ASN Abilitazione Scientifica Nazionale
providing education and
training Abilitazione professore associato: 07 / H5
Title of qualification awarder
- Dates 04/2017 a 04/2018
Name and type of organization Università di Perugia, Italy
providing education and
training Assegno di ricerca : “Quantification and characterization by
Title of qualification awarder immunoassay and flow cytometry of prostasomes in the seminal
plasma of healthy male dogs”

<ul style="list-style-type: none"> • Dates 	01/11/2015 to 21/12/2016
<ul style="list-style-type: none"> Name and type of organization providing education and training 	Università di Perugia, Italy
<ul style="list-style-type: none"> Title of qualification awarder 	Incarico per il "Servizio di Terapia Intensiva e H24 ordinario per animali da compagnia" presso l'Azienda Ospedaliera Veterinaria Didattica dell'Università degli Studi di Perugia"
<ul style="list-style-type: none"> • Dates 	Dal 01/08/2014 al 31/07/2016
<ul style="list-style-type: none"> Name and type of organization providing education and training 	Università di Perugia, Italy
<ul style="list-style-type: none"> Title of qualification awarder 	Borse di studio post-dottorato finanziate dalla società "SANYPET" relative alla ricerca relativa allo sviluppo dei seguenti progetti di ricerca: 1. "Evaluation of reproductive efficiency in the male dogs subjected to diets containing different phytotherapics"; 2. "Evaluation of reproductive efficiency in bitches fed Reproduction SANYpet"
<ul style="list-style-type: none"> • Dates 	07/01/2013 al 24/06/2013
<ul style="list-style-type: none"> Name and type of organization providing education and training 	University of Perugia and École Vétérinaire de Maisons-Alfort, Paris, France
<ul style="list-style-type: none"> Title of qualification awarder 	LLP-Erasmus student placement at the Centre d'Etude en Reproduction des Carnivores (C.E.R.C.A.) École Vétérinaire de Maisons-Alfort, Paris, France
<ul style="list-style-type: none"> • Dates 	08/2012 to
<ul style="list-style-type: none"> Name and type of organization providing education and training 	European College of Animal Reproduction (E.C.A.R.). Tutor Riccardo Zelli Università di Perugia, Italy
<ul style="list-style-type: none"> Title of qualification awarder 	"European College of Animal Reproduction"
<ul style="list-style-type: none"> • Dates 	02/2014
<ul style="list-style-type: none"> Name and type of organization providing education and training 	Università di Perugia, Italy
<ul style="list-style-type: none"> Title of qualification awarder 	Dottore DI RICERCA IN "Fisiopatologia e Medicina degli Animali da Affezione" XXVI CICLO Settore scientifico disciplinare "Vet 10"
<ul style="list-style-type: none"> • Dates 	10/2010
<ul style="list-style-type: none"> Name and type of organization providing education and training 	Università di Perugia, Italy
<ul style="list-style-type: none"> Title of qualification awarder 	Laurea in Medicina Veterinaria

Meetings Scientifici

Speaker invited at 10th SIRA Congress and 1st Balkan Conference on the Biology of Reproduction in Farm Animals and in Aquaculture” - (Tirana 24-25 may 2012)
Keynote lecture: “Control or reproduction in stray dogs”.

Poster at the 17th ESDAR conference 11-14 September 2013, Bologna, Italia.
“Effects of food restriction during rabbit pregnancy on fetal biometric parameters”.
Oral communication al 18th ESDAR conference Helsinki 11th -13th of September 2014. “Can the ovarian blood flow assessed by power Doppler be used in the bitch for monitoring ovulation and luteal phase?”

Oral communication at the LXIX Convegno Nazionale, Società Italiana delle Scienze Veterinarie. 15-17 June. “Contrast-enhanced ultrasonographic characterization in a dog affected by prostatic lymphoma: a case report”.

Instructor at the workshop: “Semen collection in the tom cat” at 8th Quadrennial INTERNATIONAL SYMPOSIUM ON CANINE AND FELINE REPRODUCTION ISCFR 2016 - EVSSAR 2016 JUNE 22 – 25, 2016 Paris, France

Poster at the 8th Quadrennial INTERNATIONAL SYMPOSIUM ON CANINE AND FELINE REPRODUCTION ISCFR 2016 - EVSSAR 2016 JUNE 22 – 25, 2016 Paris, France: Progesterone, Estradiol 17-beta and Luteinizing Hormone Plasma Concentration After Aglepristone Administration During Follicular Phase in Bitches

Speaker invited at AVULP congress “RIPRODUZIONE DEI PICCOLI ANIMALI NEL 2017: SIAMO SEMPRE SICURI DELLE NOSTRE LINEE GUIDA?” Perugia 6 - 7 may 2017

Poster at the XX Congress of the European Veterinary Society For Small Animal Reproduction 2017. Vienna (Austria, 29th June -1st July).

Speaker invited at UNISVET seminar ” IL CICLO ESTRALE: CONOSCERLO PER GESTIRLO” Milano 04/02/2018

Speaker invited at UNISVET seminar ” IL CANE RIPRODUTTORE: DALLA VISITA CLINICA ALLA CONSERVAZIONE DEL MATERIALE SEMINALE” Milano 04/02/2018

Speaker invited at UNISVET seminar:” TECNICHE DI CONTRACCEZIONE E PRINCIPALI PATOLOGIE IN GINECOLOGIA” Bologna 10/06/2018

Speaker invited at UNISVET seminar:” DALLA CITOLOGIA VAGINALE PASSANDO PER LE VALUTAZIONI ORMONALI SINO ALLE TECNICHE DI SECONDO LIVELLO CEUS E TC” Roma 11/11/2018

Speaker invited at UNISVET seminar: “ VERSO UNA NUOVA VITA... LE TAPPE DA PERCORRERE IN MODO CONSAPEVOLE!” Palermo 2-3 Febbraio 2019

Speaker and instructor at “EXECUTIVE MASTER IN CLINICAL ENDOSCOPY”

Progetti

Collaborazione con la Prof. A. Polisca nella traduzione e aggiornamento del libro "Guida pratica alla riproduzione clinica di cani e gatti".

Partecipazione al progetto "Valutazione dell'efficienza riproduttiva negli stalloni sottoposti a diete contenenti fitoterapici diversi" in collaborazione tra il Dipartimento di Medicina Veterinaria dell'Università degli Studi di Perugia e Sanypet s.p.a. che ha permesso il conseguimento del brevetto "Prodotto per l'alimentazione dei cani da riproduzione" Nr PD2014A000222. Anno 2014

Partecipazione al progetto "Valutazione e monitoraggio del benessere embrio-fetale nella specie *Tusius truncatus*" in collaborazione tra il Dipartimento di Medicina Veterinaria dell'Università degli Studi di Perugia e Zoomarine s.p.a. Anno 2016.

Pubblicazioni

Riviste internazionali

- 1) Polisca A., Zelli R., Troisi A., Orlandi R., Brecchia G., Boiti C. Power and pulsed doppler evaluation of ovarian hemodynamic changes during diestrus in pregnant and non-pregnant bitches. *Theriogenology*. 2013 Jan 15;79(2):219-24.
- 2) Polisca A, Orlandi R, Troisi A, Brecchia G, Zerani M, Boiti C, Zelli R. Clinical efficacy of the gnrh agonist (deslorelin) in dogs affected by benign prostatic hyperplasia and evaluation of prostatic blood flow by doppler ultrasound. *Reprod Domest Anim*. 2013 Jan 16.
- 3) Zelli R, Orlandi R, Troisi A, Cardinali L, Polisca A. Power and pulsed doppler evaluation of prostatic artery blood flow in normal and benign prostatic hyperplasia-affected dogs. *Reprod Domest Anim*. 2013 Mar 18.
- 4) Zelli R, Troisi A, Elad Ngonput A, Cardinali L, Polisca A. Evaluation of testicular artery blood flow by doppler ultrasonography as a predictor of spermatogenesis in the dog. *Res Vet Sci*. 2013 May 25.
- 5) Dall'aglio C, Polisca A, Troisi A, Zelli R, Ceccarelli P. Immunohistochemical localization of orexin A and orexin type 2 receptor-positive cells in the placenta of dogs. *Acta Histochem*. 2014 Jun;116(5):989-92.
- 6) Polisca A, Troisi A, Minelli A, Bellezza I, Fontbonne A, Zelli R. Presence of Membranous Vesicles in Cat Seminal Plasma: Ultrastructural Characteristics, Protein Profile and Enzymatic Activity. *Reprod Domest Anim*. 2015 Feb;50(1):91-6.
- 7) Troisi A, Orlandi R, Bargellini P, Menchetti L, Borges P, Zelli R, Polisca A. Contrast-enhanced ultrasonographic characteristics of the diseased canine prostate gland. *Theriogenology*. 2015. Nov;84(8):1423-30.
- 8) Polisca A, Troisi A, Fontaine E, Fontbonne A. A retrospective study of canine prostatic diseases at alfort veterinary hospital from 2002 to 2009. *Theriogenology* 85 (2016) pp. 835-840
- 9) Zelli R, Orlandi R, Verstegen J, Troisi A, Elad Ngonput A, Menchetti L, Cardinali L,

Polisca A. Addition of different concentrations of prostasome-like vesicles at neutral or slightly alkaline pH decreases canine sperm motility. *Andrology*. 2016 Sep 27

10) Lucia Cardinali, Alessandro Troisi, John P Vertstegen; Laura Menchetti; Agnes Elad Ngonput; Cristiano Boiti; Sergio Canello; Riccardo Zelli and Angela Polisca. Serum concentration dynamic of energy homeostasis hormones, leptin, insulin, thyroid hormones, and cortisol throughout canine pregnancy and lactation. *Theriogenology*. 2017 Jul 15;97:154-158.

11) Dall'Aglio C, Polisca A, Cappai MG, Mercati F, Troisi A, Pirino C, Scocco P, Maranesi M. Immunohistochemistry detected and localized cannabinoid receptor type 2 in bovine fetal pancreas at late gestation. *Eur J Histochem*. 2017 Mar 7;61(1):2761

12) Menchetti L, Barbato O, Filipescu IE, Traina G, Leonardi L, Polisca A, Troisi A, Guelfi G, Piro F, Brecchia G. Effects of local lipopolysaccharide administration on the expression of Toll-like receptor 4 and pro-inflammatory cytokines in uterus and oviduct of rabbit does. *Theriogenology*. 2017 Nov 5;107:162-174

13) Pirino, C., Maranesi, M., Polisca, A., Troisi, A., & Dall'Aglio, C. (2017). The immunohistochemical presence and distribution of ghrelin, apelin and their receptors in dog ovaries. *Microbiology Research*, 8(1) pag 28-30.

14) Troisi A, Cardinali L, Orlandi R, Menchetti L, Robiteau G, Polisca A. Doppler evaluation of umbilical artery during normal gestation in sheep. *Reprod Domest Anim*. 2018 Jul 29.

15) Troisi A, Orlandi R, Maranesi M, Dall'Aglio C, Brecchia G, Parillo F, Boiti C, Zerani M, Polisca A. Intra-ovarian dynamic blood flow in pseudopregnant rabbits during prostaglandin F_{2α}-induced luteolysis. *Reprod Domest Anim*. 2018 Sep 6.

16) Orlandi R, Vallesi E, Boiti C, Polisca A, Troisi A, Righi C, Bargellini P. Contrast-enhanced ultrasonography of maternal and fetal blood flows in pregnant bitches. *Theriogenology*. 2019 Feb;125:129-134

17) Troisi A, Cardinali L, Menchetti L, Speranza R, Verstegen JP, Polisca A. Serum concentrations of leptin in pregnant and non-pregnant bitches. *Reprod Domest Anim*. 2020 Apr;55(4):454-459. doi: 10.1111/rda.13637.

18) A Troisi, C Dall'Aglio, M Maranesi, R Orlandi, R Speranza, M Zerani, A Polisca Presence and Expression of Apelin and Apelin Receptor in Bitch Placenta *Theriogenology* 2020 Apr 15;147:192-196. doi: 10.1016/j.theriogenology.2019.11.016.

19) Pietro Saviano, Letizia Fiorucc, Francesco Grande, Roberto Macrelli, Alessandro Troisi , Angela Polisca , Riccardo Orlandi Pregnancy and Fetal Development: Cephalic Presentation and Other Descriptive Ultrasonographic Findings From Clinically Healthy Animals (Basel) 2020 May 24;10(5):E908. doi: 10.3390/ani10050908.
Bottlenose Dolphins (*Tursiops truncatus*) Under Human Care

20) Menchetti L, Curone G, Andoni E, Barbato O, Troisi A, Fioretti B, Polisca A, Codini M, Canali C, Vigo D, Brecchia G. Impact of goji berries (*Lycium barbarum*) supplementation on the energy homeostasis of rabbit does: Uni- and multivariate approach *Animals*, 2020, 10(11), pp. 1–19, 2000

21) Troisi A, Polisca A, Cardinali L, Orlandi R, Brecchia G, Menchetti L, Zerani M, Maranesi M, Di Mari W, Verstegen J.P. Effect of aglepristone (RU534) administration

during follicular phase on progesterone, estradiol-17 β and LH serum concentrations in bitches *Reproduction in Domestic Animals*, 2020, 55(12), pp. 1794–1802

22) Orlandi R, Vallesi E, Calabrò S, Vastolo A, Musco N, Troisi A, Polisca A, Lombardi P, Cutrignelli M.I. Effects of two commercial diets on several reproductive parameters in bitches: Note one—from estrous cycle to parturition *Animals*, 2021, 11(1), pp. 1–13, 23

23) Calabrò S, Vastolo A, Musco N, Lombardi P, Troisi A, Polisca A, Vallesi E, Orlandi R, Cutrignelli M.I. Effects of two commercial diets on several reproductive parameters in bitches: Note two—lactation and puppies' performance *Animals*, 2021, 11(1), pp. 1–11, 173

Abstract a congress internazionali

1) Brecchia G, Cardinali R, Dal Bosco A, Menchetti L, Troisi A, Castellini C, Boiti C. 2010. Effect of reproductive rhythm on hormones, metabolites and productive performance in rabbit does. Symposium “Contributions of scientific research to the progress of veterinary medicine”-Bucharest. Abstract p. 120.

2) Orlandi R, Troisi A, Zelli R, Brecchia G, Menchetti L, Polisca A. 2010. Monitoring of embryo and fetal growth by ultrasound evaluation in the rabbit. Symposium “Contributions of scientific research to the progress of veterinary medicine”-Bucharest. Abstract p. 121.

3) Brecchia G, Menchetti L, Cardinali R, Polisca A, Troisi A, Maranesi M, Boiti C. Effects of restricted feeding during pregnancy on hormonal and metabolic concentrations and productive performance of does. 10th SIRA Congress and 1st Balkan Conference on the Biology of Reproduction in Farm Animals and in Aquaculture” (Tirana 24-25 May 2012). p.101-103.

4) Troisi A. Control of reproduction in stray dogs. 10th SIRA Congress and 1st Balkan Conference on the Biology of Reproduction in Farm Animals and in Aquaculture” (Tirana 24-25 May 2012). p.213-216

5) Polisca A, Troisi A, Cardinali L, Lepri E, Orlandi R, Zelli R. Clinical, endocrinological, ultrasonographic and histological findings of granulosa cell tumour in the bitches. International Symposium on Canine and Feline Reproduction VII ISCFR 2012 – EVSSAR 2012 (Whistler 26-29 July 2012). p. 199

6) Zelli R, Troisi A, Cardinali L, Polisca A. Colour-coded and pulsed doppler measurements of testicular arterial blood flow in male donkey (*equus assinus*) 17th International Congress on Animal Reproduction (Vancouver 29 July to 2 August 2012). p.521

7) Brecchia G, Menchetti L, Cardinali R, Polisca A, Troisi A, Maranesi M, Boiti C. Effects of fasting during pregnancy in rabbit does. 10th world rabbit congress - september 3-6, 2012 - Sharm El-Sheikh - Egypt, p 341-345

8) Troisi A, Polisca A, Menchetti L, Brecchia G, Cardinali R, Boiti C. Effects of food restriction during rabbit pregnancy on fetal biometric parameters. 17th ESDAR conference 11-14 september 2013, Bologna, Italy, p 123.

9) A Troisi, R Orlandi, R Zelli, L Menchetti, C Boiti, A Polisca Can the ovarian blood

flow assessed by power Doppler be used in the bitch for monitoring ovulation and luteal phase? 18th ESDAR conference Helsinki 11th-13th of September 2014. p.47.

10) Cecilia Dall'Aglio, Francesca Mercati, Angela Polisca, Alessandro Troisi, Riccardo Zelli, Maria Grazia Cappai. The CB1 and CB2 cannabinoid receptors in bovine fetal pancreas at late gestation: preliminary results. 2nd Endocannabinoid Pharmacology meeting, 29th-30th October 2015 Bern, Switzerland

11) R. Orlandi, R. Zelli, J. Verstegen, A. Troisi, A. Elad Ngonput, L. Menchetti, L. Cardinali and A. Polisca Canine Sperm Motility After Addition of Prostate-Like Vesicles at Neutral or Slightly Alkaline pH 8th Quadrennial INTERNATIONAL SYMPOSIUM ON CANINE AND FELINE REPRODUCTION ISCFR 2016 - EVSSAR 2016 JUNE 22 – 25, 2016 Paris, France.

12) A. Troisi, A. Cardinali, R. Orlandi, G. Brecchia, L. Menchetti, M. Zerani, R. Zelli, A. Elad Ngonput, C. Boiti, J. Verstegen, G. Guerrero, C. Fontaine and A. Polisca Progesterone, Estradiol 17-beta and Luteinizing Hormone Plasma Concentration After Anglepristone Administration During Follicular Phase in Bitches 8th Quadrennial INTERNATIONAL SYMPOSIUM ON CANINE AND FELINE REPRODUCTION ISCFR 2016 - EVSSAR 2016 JUNE 22 – 25, 2016 Paris, France.

13) Menchetti, L; Barbato, O; Leonardi, L; Piro, F; Traina, G; Guelfi, G; Troisi, A; Brecchia, G. Expression pattern of Toll-like receptors 4 on the reproductive organs and gonadal axis of female rabbit JOURNAL OF BIOTECHNOLOGY Volume: 231 Pages: S109-S109 Supplement: S

14) Grande F, Fiorucci L, Peruzzi G, Orlandi R, Troisi A, Polisca A: Ultrasound evaluation of embryonic development of the bottlenose dolphin (*Tursiops truncatus*): a case report). EAAM The 45th Annual Symposium - Acquario di Genova 8th- 11th March 2017

15) A. Troisi, L. Cardinali, S. Romagnoli, M. Sforza, A. Cinti, R. Zelli, G. Robiteau, A. Polisca. "Ultrasonographic findings of some ovary neoplasia in bitches" XXth EVSSAR Congress of reproduction and pediatrics in dogs, cats and small companion animals. 29 June – 1 July 2017 Vienna, Austria.

16) E. Vallesi, R. Orlandi, C. Boiti, A. Polisca, A. Troisi, P. Bargellini. "A multiparametric ultrasonographic approach to assess testicular tumors in dogs" 22nd Congress of the European Veterinary Society for Small Animal Reproduction, Berlin, 28 to 29 June 2019

Abstract a congress nazionali

1) Troisi A, Orlandi R, Bargellini P, Paloni C, Zelli R, Polisca A. Contrast-enhanced ultrasonographic characterization in a dog affected by prostatic lymphoma: a case report Società Italiana delle Scienze Veterinarie - LXIX Convegno Nazionale. 15-17 giugno 2015. (pp. 409).

2) Cardinali L, Menchetti L, Troisi A, Ngonput AE, Zelli R, Polisca A. Leptin resistance during pregnancy in bitch: preliminary results. Società Italiana delle Scienze Veterinarie - LXIX Convegno Nazionale. 15-17 giugno 2015. (pp. 411).

3) Caivano D, Troisi A, Cardinali A, Lepri E, Zelli R, Polisca A. Ultrasonographic findings of right-sided cardiac disease associated with an intraventricular thrombus in

a canine foetus. Società Italiana delle Scienze Veterinarie - LXIX Convegno Nazionale. 15-17 giugno 2015. (pp. 162).