



## PERSONAL INFORMATION

Name ELENA FRACCARO  
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Nationality Italian

Date of birth 24/11/1976

## WORK EXPERIENCE

- Dates (from – to) September 2016 to date
- Name and address of employer The Gasmuha Empowerment Project Onlus, La Gonave Island (Haiti)
  - Type of business or sector International Cooperation, Animal health and welfare
  - Occupation or position held Veterinary consultant
  - Main activities and responsibilities Organisation of activities related to:
    - training courses and awareness campaigns on animal health and welfare (livestock)
    - planning and construction of two community farming (goats and chickens)
    - breeding activities
    - animal vaccination campaigns
  
- Dates (from – to) July 2016
- Name and address of employer Stockbreeding & Veterinary Bureau of Zichuan District, Zibo, China
  - Type of business or sector Animal welfare, food security
  - Occupation or position held Veterinary consultant
  - Main activities and responsibilities Control activities aimed to improve farms (chickens and pigs) welfare, health and hygiene conditions:
    - prevention plans of major infectious disease
    - improving animal welfare standards
  
- Dates (from – to) June 2015 - April 2016
- Name and address of employer NGO Africa 70 - European Union DCI-FOOD/2013/333-58
  - Type of business or sector International Cooperation, Animal health and welfare, Food security
  - Occupation or position held Veterinary consultant
  - Main activities and responsibilities Supporting socio-economic development and assisting people whose livelihood mainly depends on animal productions, work and agriculture, with the aim of improving food sovereignty, nutrition security and resilience in the region of Tiris Zemmour (Mauritania):
    - training courses for local beneficiaries on animal health and welfare
    - support to the animal vaccination campaigns against

main infectious diseases existing in the territory

- animal breeding and welfare: creation and development of hen-house and dairies in compliance with hygiene, health and animal welfare standards
- on behalf of Vétérinaires sans Frontières Italy (VSF International) participation in a project (participatory epidemiological study) co-financed by the International Fund for Agricultural Development (IFAD) to organise regional consultations with pastoralists and livestock breeders' organisations in Mauritanian area

- Dates (from – to) 2009-2015
  - Name and address of employer Unit of Cancer Epidemiology, University of Turin and CPO Piemonte, Turin, Italy
    - Type of business or sector Food security, Epidemiology
    - Occupation or position held Researcher
      - Main activities and responsibilities Control activities aimed to prevent chemical carcinogen risk in foodstuffs of animal origin:
        - creation of a database (Access) including IARC agents of group 1, 2A and 2B and the related foods in which these agents can be found
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- Dates (from – to) 2010-2013
- Name and address of employer University of Turin, Turin (Italy)
  - Type of business or sector Department of Animal Pathology, Division of Pharmacology and Toxicology
  - Occupation or position held PhD student
    - Main activities and responsibilities Main research project “Animal welfare: Identification and evaluation of peripheral markers of stress”  
Teaching activities to undergraduate students on animal health and welfare field
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- Dates (from – to) May – September 2012
- Name and address of employer Vetsuisse Faculty, University of Bern, Bern (Switzerland)
  - Type of business or sector Department of Veterinary Physiology
  - Occupation or position held PhD student
    - Main activities and responsibilities Animal welfare research project on calves (ACTH challenge)
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- Dates (from – to) April – September 2011
- Name and address of employer KSU Kansas State University , Kansas (USA)
  - Type of business or sector Department of Clinic Science
  - Occupation or position held PhD student
    - Main activities and responsibilities Animal welfare research projects on calves (pharmacological and behavioural studies)
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- Dates (from – to) 2008 / 2010
- Name and address of employer University of Turin, Turin (Italy)
  - Type of business or sector Department of Animal Production, Epidemiology and Ecology, Parasitology Section
  - Occupation or position held Scholarship holder
    - Main activities and responsibilities Research project on *Leishmania* infection in collaboration with the Department of Infectious Diseases of Asti Hospital (Asti, Italy):
      - insects captures and classification
      - monitoring and analysis of both human and animal blood samples for *Leishmania* presence
    - Teaching activities to undergraduate students

- Dates (from – to) February – May 2008
- Name and address of employer NGO “Africa 70”, Monza (Italy)
  - Type of business or sector NGO International Cooperation
  - Occupation or position held Veterinarian collaborator
  - Main activities and responsibilities
    - EU project in the refugee camp of El-Aaiun (Algeria):
      - organisation and monitoring of camp activities which include training of local staff on the topic of veterinary parasitology (stool samples, recognition of external parasites, proper use of veterinary pesticide) animal health (wound care) and implementation of animal welfare standard
      - vaccination campaign
  
- Dates (from – to) 2007-2008
- Name and address of employer First Aid Centre for injured wild animals, Arcugnano (Vicenza, Italy)
  - Type of business or sector Wildlife Rescue Center
  - Occupation or position held Collaborator
  - Main activities and responsibilities
    - Clinical and surgical procedures on injured wild animals through practical interventions
  
- Dates (from – to) Summer 2007
- Name and address of employer Istituto Zooprofilattico delle Venezie, Vicenza (Italy)
  - Type of business or sector IZS
  - Occupation or position held Trainee
  - Main activities and responsibilities
    - Practise on laboratory activities in bacteriology to determinate the presence of *Brucella abortus* in milk samples
  
- Dates (from – to) 2005-2006
- Name and address of employer Municipal dog pound, Vicenza (Italy)
  - Type of business or sector Veterinary sector
  - Occupation or position held Volunteer veterinary surgeon
  - Main activities and responsibilities
    - Surgery, vaccination plans
  
- Dates (from – to) 2004
- Name and address of employer Private Veterinary Clinic “Sirio”, Vicenza (Italy)
  - Type of business or sector Veterinary Clinic
  - Occupation or position held Trainee
  - Main activities and responsibilities
    - Tasks include giving emergency assistance to both domestic and wild animals
  
- Dates (from – to) Summer 2004
- Name and address of employer WWF Rescue Center, Lampedusa (Italy)
  - Type of business or sector Wildlife Rescue Center
  - Occupation or position held Trainee student
  - Main activities and responsibilities
    - Clinical and surgical procedures on injured wild animals. Blood sampling on sea turtles (*Caretta caretta*) for thesis degree
  
- Dates (from – to) 2001-2002

- Name and address of employer Veterinary Department of the Municipal Health Department, Vicenza (Italy)
  - Type of business or sector Veterinary sector
  - Occupation or position held Collaborator
    - Main activities and responsibilities Volunteer as trainee on prevention and control of zoonoses

### EDUCATION AND TRAINING

- Dates (from – to) March-September 2012
- Name and type of organisation providing education and training Faculty of Veterinary Medicine  
University of Padova, Padova (Italy) and Colorado State University (CSU, USA)
- Principal subjects/occupational skills covered Course on “Bioethics, animal welfare and veterinary profession”
- Title of qualification awarded
- Level in national classification (if appropriate)
  
- Dates (from – to) 2008
- Name and type of organisation providing education and training UN (United Nations)
- Principal subjects/occupational skills covered
- Title of qualification awarded “Basic Security in The Field-Staff Safety, Health and Welfare” El Aaiun, Algery
- Level in national classification United Nations Certificate
  
- Dates (from – to) 2007
- Name and type of organisation providing education and training Faculty of Veterinary Medicine  
University of Padova, Padova (Italy)
- Principal subjects/occupational skills covered To build up a culturally-oriented approach to the application of veterinary skills to the specificities of third-World developing countries
- Title of qualification awarded MA Course in International Veterinary Cooperation
- Level in national classification MA Course in International Veterinary Cooperation
  
- Dates (from – to) 2004
- Name and type of organization providing education and training Faculty of Veterinary Medicine  
University of Padova, Padova (Italy)
- Principal subjects/occupational skills covered Study and assessment of serum concentration of sexual steroids in *Caretta caretta* during the summer season. Analysis of the variations of sex hormones in Mediterranean Sea Turtles as dying species. These data proved to be crucial to know *Caretta caretta*'s reproductive cycle, particularly as the subject has been little studied.
- Title of qualification awarded Degree, BA (HONS) in Veterinary Studies
- Level in national classification Degree, BA (HONS) in Veterinary Studies

### PERSONAL SKILLS AND COMPETENCES

MOTHER TONGUE	Italian
OTHER LANGUAGES	
	English
• Reading skills	Very good
• Writing skills	Very good
• Verbal skills	Very good
	French
• Reading skills	Very good
• Writing skills	Very good
• Verbal skills	Very good
	Spanish
• Reading skills	Good
• Writing skills	Good
• Verbal skills	Good
TECHNICAL SKILLS AND COMPETENCES	Tested usage of MS Office (Word, Excel, PowerPoint, Access), all main on-line search engines and Internet browsing. Good knowledge of Windows and Macintosh OS
DRIVING LICENCE(S)	a, b
MEETINGS AND CONFERENCES	<p>20-21 April 2007- Faculty of Veterinary Medicine of Bari, Italy. Annual Meeting 2007 : "Zoo and Conservation Medicine".</p> <p>16-18 April 2008 – Cles, Italy. VI Congress of Associazione Teriologica Italiana: "Research and conservation of mammals : a multidisciplinary approach".</p> <p>2-5 October - Rovinj, Croatia. 8th Conference of the European Wildlife Disease Association.</p> <p>8 November 2008–Asti, Italy. "Zoonoses: comparison of Medical and Veterinary".</p> <p>15 December 2008 – Conference Room IZS – Turin, Italy. "Applied Veterinary Epidemiology".</p> <p>9 March 2009 – Turin, Italy. "Update on mosquitoes as pest and emerging disease vectors".</p> <p>5 - 6 June 2009 – Faculty of Veterinary Medicine of Turin, Italy. General Meeting SIVtro VSF (Vétérinaires Sans Frontières) Italy 2009.</p> <p>11-14 June 2009- Col du Marchairuz, Switzerland. "27èmes Rencontres du GEEFSM" (Groupe d'Etudes sur l'Ecopathologie de la Faune Sauvage de Montagne).</p> <p>18 February 2010- IZSLER – Brescia, Italy. "Transport stress evaluation as a function of climatic conditions".</p>

21 April 2010- dsa - Faculty of Veterinary Medicine of Milan, Italy.  
"Transport of livestock: Up to date on welfare, legislation, traceability".

8-10 September 2010 LXIV National Congress S.I.S.Vet. Asti, Italy.  
"Biochemical and endocrine responses to exercise in sport horses".

16 December 2010 Faculty of Veterinary Medicine of Milan, Italy.  
"Animal testing: a scientific challenge, ethics and law".

19-24 September 2011 Leibniz Institute for Zoo and Wildlife Research (IZW)  
Berlin, Germany. Summer School "Non-invasive Monitoring of Hormones".

10-11 November 2011 IZS Umbria Marche, Perugia, Italy.  
"Hematology and laboratory diagnostic as indicator of livestock welfare".

COMMUNICATION TO  
NATIONAL AND  
INTERNATIONAL  
CONFERENCES

ESVCN European Society of Veterinary and Comparative Nutrition 2010  
Zürich (Switzerland).  
"The combined use of Heart rate and GPS monitoring system to assess  
the energy expenditure (EE) during eventing competitions".

XII National Congress S.I.Di.L.V. Genova (Italy) 27-29 October 2010.  
"Acute phase proteins as stress markers related to exercise in sport horses".

12th congress "New findings in equine practice" Druento, Torino (Italy)  
11-13 November 2010.  
"Evaluation of athletic and energetic demand during international show  
jumping: how much is the metabolic effort on multiple consecutive days?".

LXIV National Congress S.I.S.Vet. Asti (Italy) 8-10 September 2010.  
"Biochemical and endocrine responses to exercise in sport horses".

Villa Gualino, Torino (Italy) 17 Maggio 2011. Congress "Alimentazione e nutrizione  
nella prevenzione di patologie tumorali: I cancerogeni negli alimenti di origine animale:  
il progetto della Regione Piemonte".

UFAW Animal Welfare Conference York Merchant Adventurers' Hall, 21st June 2012.  
Fraccaro E., Coetzee J.F., Edwards L.N., Odore R., Dockweiler J.C., Bergamasco L.  
"Effects of age and castration method on plasma cortisol and haptoglobin concentration  
in growing calves"

EWDA conference, Lyon (France) 22-27 July 2012. Fraccaro E., Odore R., Capobianco  
Dondona A., Nannarelli S., Intorre L., Meucci V. "A non invasive method for heavy  
metals determination in loggerhead turtle (*Caretta Caretta*) carapace by square wave  
anodic stripping voltammetry (SWASV)"

PARTICIPATION IN FINANCED  
RESEARCH PROJECTS

PRIN 2007/2009  
"Athlete horse: neuroendocrine activation and measurement of peripheral  
markers of stress to evaluate animal welfare"

PUBBLICATIONS

Fraccaro E., Coetzee J.F., Odore R., Edwards-Callaway L.N., KuKanich B., Badino P.,  
Bertolotti L., Glynn H., Dockweiler J., Allen K., Bergamasco L. *A study to compare  
circulating flunixin, meloxicam and gabapentin concentrations with prostaglandin E2  
levels in calves undergoing dehorning*. Research in Veterinary Science 2013, 95 (1):

Glynn H., Coetzee J.F., Edwards-Callaway L.N., Dockweiler J., Allen K., Lubbers B., Jones M., Fraccaro E., Bergamasco L. "The pharmacokinetics and impact of meloxicam, gabapentin, and flunixin in post-weaning dairy calves following dehorning with local anesthesia". Submitted to Journal of Veterinary Pharmacology and Therapeutics 2013. doi: 10.1111/jvp.12042

Allen K. A., Coetzee J. F, Edwards L. N., Glynn H., Dockweiler J., KuKanich B., Lin H., Wang C., Fraccaro E., Jones M., Bergamasco L. *The impact and effect of timing of oral meloxicam administration on physiological responses in calves after cautery dehorning with local anesthesia.* Journal of Dairy Science 2013. doi: 10.3168/jds.2012-6251

Odore R., Badino P., Re G., Barbero R., Cuniberti B., D'Angelo A., Girardi C., Fraccaro E., Tarantola M. "Effects of housing and short-term transportation on hormone and lymphocyte receptor concentrations in beef cattle" Research in Veterinary Science 2010 June 18, Apr; 90(2):341-5

Fraccaro E., Badino P., Girardi C., Valle E., Salamano G., Mellia E., Bergero D., Tarantola M., Zanatta R., Odore R. "Biochemical and endocrine responses to exercise in sport horses". LXIV National Congress S.I.S.Vet. Asti (Italy), 8-10 September 2010 vol. LXIV, p. 57-59

Valle E., Odore R., Badino P., Fraccaro E., Girardi C., Zanatta R., Bergero B. "Workload during an eventing competition". Arno Lindner. Applied equine nutrition and training. p. 243-250. WAGENINGEN: Wageningen academic publishers, ISBN: 9789086861835 2011

Salamano G., Tarantola M., Badino P., Mellia E., Valle E., Fraccaro E., Gennero M.S., Doglione L., Odore R. "Acute phase proteins as possible markers of exercise-induced stress in sport horses". 1st Congress of the European Association of Veterinary Laboratory Diagnosticians (EAVLD) 15-17 September 2010 Lelystad (NL)

Valle E., Tosto F., Odore R., Fraccaro E., Badino P., Girardi C., Zanatta R., Bergero D., Assenza A. "Evaluation of athletic and energetic demand during international show jumping: how much is the metabolic effort on multiple consecutive days?". Atti 12° convegno Nuove acquisizioni in materia di ippologia. Druento, Torino 11-12 Novembre p. 124-125

Proceedings of the 14th Congress of the European Society of Veterinary and Comparative Nutrition. Zurich, 5-8 September 2010. "The combined use of Heart rate and GPS monitoring system to assess the energy expenditure (EE) during eventing competition".

IN PRESS

Fraccaro E., Pillitteri C., Mirabelli D. "Occurrence of carcinogens in foods: a review of the first 101 volumes of IARC Monographs".