

CURRICULUM VITAE**PERSONAL INFORMATIONS**

First Name/ Surname	Martucci Francesca
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Nationality	Italian
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Date of birth	22/05/1974
Gender	Female

WORK EXPERIENCE

Date	01/11/2016 -
Name and address of employer	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta –SC Controllo Alimenti
Type of business or sector	<i>Public institution; sector of public health</i>
Type of job	Senior Researcher
Main activities and responsibilities	In training
Date	01/03/2009 – 31/10/2016
Name and address of employer	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta – National Reference Centre for TSEs (CEA)- SC Neuroscienze
Type of business or sector	Public institution; sector of public health
Type of job	Senior Researcher
Main activities and responsibilities	TSEs confirmatory analyses by western blot method; management activities in the laboratory; developing analysis methods; sampling activities on TSEs outbreaks; scientific paper production; cooperation with national and international researchers; research project production; analysis food and feed by Dr-Calux for the detection of dioxin and dl-PCBs; cell culture techniques for cytotoxicity;; analysis of food by LC-MS and rapid methods for fraud detection.

Date	01/03/2009 – 31/10/2016
Name and address of employer	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta – National Reference Centre for TSEs (CEA)- SC Neuroscienze
Type of business or sector	<i>Public institution; sector of public health</i>
Type of job	Researcher
Main activities and responsibilities	TSEs confirmatory analyses by western blot method; management activities in the laboratory; developing analysis methods; sampling activities on TSEs outbreaks; scientific paper production; cooperation with national and international researchers; research project production; analysis food and feed by Dr-Calux for the detection of dioxin and dl-PCBs; cell culture techniques for cytotoxicity; analysis of food by LC-MS and rapid methods for fraud detection.
Date	01/03/2006 - 29/02/2008
Name and address of employer	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta – National Reference Centre for TSEs (CEA)- SC Neuroscienze
Type of business or sector	<i>Public institution; sector of public health</i>
Type of job	Researcher
Main activities and responsibilities	TSEs confirmatory analyses by western blot method; management activities in the laboratory; developing analysis methods; sampling activities on TSEs outbreaks; scientific paper production; cooperation with national and international researchers; research project production.
Date	01/06/2005 - 28/02/2006

Name and address of employer	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta – National Reference Centre for TSEs (CEA)- SC Neuroscienze
Type of business or sector	<i>Public institution; sector of public health</i>
Type of job	Grant, title: "Studio di comparazione tra i casi di BSE isolati in USA e quelli atipici identificati in Italia"
Main activities and responsibilities	TSEs analyses by western blot method; cooperation in the management activities in the laboratory; developing analysis methods; sampling activities on TSEs outbreaks; scientific paper production; cooperation with national and international researchers.
Date	<i>1/06/2003 - 31/05/2005</i>
Name and address of employer	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta – National Reference Centre for TSEs (CEA)- SC Neuroscienze
Type of business or sector	<i>Public institution; sector of public health</i>
Type of job	Grant, title: "Fattori genetici, patogenetici e biochimici responsabili della sensibilità / resistenza alle EST"
Main activities and responsibilities	TSEs analyses by western blot method; cooperation in the management activities in the laboratory; developing analysis methods; sampling activities on TSEs outbreaks; scientific paper production; cooperation with national and international researchers.
Date	<i>1/06/2001 - 31/05/2003</i>
Name and address of employer	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta – National Reference Centre for TSEs (CEA)- SC Neuroscienze
Type of business or sector	<i>Public institution; sector of public health</i>
Type of job	Grant, title: "Ricerca Scrapie 2000: applicazione e valutazione di nuovi test diagnostici e caratterizzazione dei ceppi"
Main activities and responsibilities	ELISA diagnostic techniques; sampling activities; evaluation of TSEs screening methods
Date	<i>9/10/2000 - 31/05/2001</i>
Name and address of employer	Istituto Zooprofilattico Sperimentale del Piemonte, Liguria e Valle d'Aosta – National Reference Centre for TSEs (CEA)- SC Neuroscienze
Type of business or sector	<i>Public institution; sector of public health</i>
Type of job	Unpaid apprenticeship
Main activities and responsibilities	Laboratory diagnostic techniques; autopsy techniques.

EDUCATION AND TRAINING

Date	<i>November 2006 - 11/03/2010</i>
Name and type of organisation providing education and training	University of Milano – Faculty of Veterinary medicine
Title of qualification awarded	Specialisation in Science and Medicine of laboratory animals
Date	<i>November 2001 - 11/06/2004</i>
Name and type of organisation providing education and training	University of Torino – Faculty of Veterinary medicine
Title of qualification awarded	Specialisation in swine pathology
Date	<i>23/11/2000</i>
Name and type of organisation providing education and training	University of Torino – Faculty of Veterinary medicine
Title of qualification awarded	Qualification to practice the veterinary medical profession
Date	<i>November 1993 - 24/02/2000</i>
Name and type of organisation providing education and training	University of Torino – Faculty of Veterinary medicine
Title of qualification awarded	Degree in Veterinary medicine
Date	<i>September 1988 - July 1993</i>

Name and type of organisation providing education and training	High school focusing on humanities – Liceo Classico Vincenzo Gioberti, Torino
Title of qualification awarded	High school on humanities Diploma
TRAINING PERIODS ABROAD	

Date	26 April -12 May 2016
Name and type of organisation providing education and training	Institute for Global Food Security – Queen's University- Belfast –UK (Prof. Christopher Elliott)
Activity	Training on MS, NIR, Raman and FTIR techniques, data mining and chemiometrics for food analysis
Date	18-29 May 2015
Name and type of organisation providing education and training	Institute for Global Food Security – Queen's University- Belfast –UK (Prof. Christopher Elliott)
Activity	Training on HPLC and MS techniques on food analysis Training on HPLC and MS techniques on food analysis
Date	21-25 February 2011
Name and type of organisation providing education and training	Biodetectionsystems Laboratories – Amsterdam (NL)
Activity	Training on the detection of dioxins and dl- PCB on food and feed by DR-CALUX cell bioassay
Date	23-27 June 2009
Name and type of organisation providing education and training	Riklit Institute – Wageningen (NL)(Dr. Ron Hoogenboom)
Activity	Training on the detection of dioxins and dl- PCB on food and feed by CALUX cell bioassay
Date	20-27 May 2006
Name and type of organisation providing education and training	Veterinary diagnostic Laboratory of the Iowa State University (Prof. Jurgen Richt) -Ames, Iowa – USA
Activity	Cooperation project between Italy and USA on atypical BSE diagnosis
Date	26 March- 19 May 2006
Name and type of organisation providing education and training	National Prion disease Pathology Surveillance Center - CASE Western Reserve University (Prof. Pierluigi Gambetti) - Cleveland, Ohio - USA
Activity	Deepening of the western blot techniques for TSEs diagnosis
Date	19-25 March 2006
Name and type of organisation providing education and training	University of Texas Medical Branch (Prof. Claudio Soto) - Galveston, Texas – USA
Activity	Learning of the PMCA technique for TSEs diagnosis
Date	Sept.-Dec- 1999
Name and type of organisation providing education and training	Institute of Experimental Pathology (Prof. Gudmundur Georgsson) – Keldur, Reykjavik - Iceland
Activity	Deepening into the histochemical and immunohistochemical techniques for diagnosis and tumours classification. Research work on Visna-Maedi, CAEV and Scrapie diseases.

Courses, workshops, meetings:	<ul style="list-style-type: none"> ▪ Partecipazione at more than 100 national or international courses, workshops and meetings ▪ Speaker at least in 20 national or international meeting or courses.
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Publications:**- International peer reviewed articles:**

1. Bozzetta E, Acutis PL, Martucci F, Nappi R, Casalone C, Mazza M, Caramelli M: "Evaluation of rapid tests for the diagnosis of transmissible spongiform encephalopathies in sheep and goats". Acta Neuropathol, 2004, 107: 559-562.
2. Casalone C, Corona C, Crescio MI; Martucci F, Mazza M, Ru G, Bozzetta E, Acutis PL, Caramelli M: "Pathological prion protein in the tongues of sheep infected with naturally occurring scrapie", JVI, 2005, 79 (9): 5847-5849.
3. Acutis PL, Martucci F, Mazza M, Peletto S, Iulini B, Corona C, Bozzetta E, Casalone C, Caramelli M: "A case of scrapie in a sheep carrying the lysine-171 allele of the prion protein gene". Arch Virol, 2006, 151(9):1875-1880.
4. Acutis PL, Martucci F, Mazza M, Nodari S, Maurella C, Ru G, Casalone C, Caramelli M: "Molecular typing of small ruminant TSE cases from Italian outbreaks" , Vet Rec, 2006, 159,746-747.
5. Kong Q, Zheng M, Casalone C, Qing L, Huang S, Chakraborty B, Wang P, Chen F, Cali I, Corona C, Martucci F, Iulini B, Acutis PL, Wang L, Liang J, Wang M, Li X, Monaco S, Zanusso G, Zou W-Q, Caramelli M, Gambetti P: "Evaluation of the human transmission risk of an atypical bovine spongiform encephalopathy prion strain". J Virol. 2008 Apr, 82(7): 3697-3701.
6. Martucci F, Acutis PL, Mazza M, Nodari S, Colussi S, Corona C, Barocci S, Gabrielli A, Caramelli M, Casalone C, Moroncini G: "Detection of typical and atypical BSE and scrapie prion strains by prion protein motif-grafted antibodies". J Gen Virol. 2009 Apr, 90: 1048-1053.
7. Corona C, Porcario C, Martucci F, Iulini B, Manea B, Gallo M, Palmitessa C, Maurella C, Mazza M, Pezzolato M, Acutis PL, Casalone C: "Olfactory system involvement in natural scrapie disease". J Virol. 2009 Apr, 83(8): 3657-3667.
8. Mazza M., Iulini B., Vaccari G., Acutis P.L., Martucci F., Esposito E., Peletto S., Barocci S., Chiappini B., Corona C., Barbieri I., Caramelli M., Agrimi U., Casalone C., Nonno R: "Co-existence of classical scrapie and Nor98 in a sheep from an Italian outbreak". Res Vet Sci. 2010, 88: 478-485.
9. Porcario C, Hall SM, Martucci F, Corona C, Iulini B, Perazzini AZ, Hamir AN, Loiacono CM, Greenlee JJ, Richt JA, Caramelli M, Casalone C: "Evaluation of two sets of immunohistochemical and Western blot confirmatory methods in the detection of typical and atypical BSE cases". BMC Research Notes. 2011, 4: 376.
10. Acutis PL, Martucci F, D'angelo A, Peletto S, Colussi S, Maurella C, Porcario C, Iulini B, Mazza M, Dell'Atti L, Zuccon F, Corona C, Martinelli N, Casalone C, Caramelli M, Lombardi G: "Resistance to classical scrapie in experimentally challenged goats carrying mutation K222 of the prion protein gene". BMC Vet Res, 2012, Feb 1;43(1):8.
11. Mazza M, Guglielmetti C, Pagano M, Sciuto S, Ingravalle F, Martucci F, Caramelli M, Acutis P.L.: "Lysine at position 222 of the goat prion protein inhibits the binding of monoclonal antibody F99797.6.1". J Vet Diagn Invest. 2012, 24 (5): 971-975.

- **National articles:**

1. Bozzetta E, Martucci F, Nappi R, Caramelli M: "Sorveglianza attiva per la scrapie: tecniche di laboratorio e prelievo del campione". Il Progresso Veterinario, 6, 2002, pag. 309-310.
2. Corona C, Martucci F, Mazza M, Iulini B, Porcario C, Marconi P, Casalone C, Caramelli M: "Identificazione della proteina prionica patologica nella lingua di pecore affette da scrapie naturale". Il Chirone, 2, 2006, pag. 2-4.
3. Riina MV, Corona C, Martucci F: "Neuropriion 2006: la lotta alle malattie da prioni parte da Torino". La settimana veterinaria, 1 nov. 2006, n. 538.
4. Martucci F, Riina MV, Corona C: "Protezione della società dalle malattie da prioni". La professione veterinaria, 36, 2006.
5. Corona C, Riina MV, Martucci F: "A Torino per discutere di Prioni". Il Progresso Veterinario, 12, 2006, pag. 563-566.
6. Martucci F, Corona C, Riina MV: "Malattie da prioni: quali novità?". Il Chirone, 4, 2006, pag. 14-15.
7. Caramelli M., Corona C., Lombardi G., Iulini B., Torcoli G., Perazzini A.Z., Martucci F., Barbieri I., Capobianco R., Mazza M., Gelmetti D., Monaco S., Acutis P.L., Tagliavini F., Zanusso G., Capucci L., Casalone C. (2007) –Bovine Amyloidotic Spongiform Encephalopathy (BASE). Una nuova malattia da prioni nel bovino. (Il Chirone, Giugno 2007).
8. Porcario C., Martucci F., Iulini B., Vallino Costassa E., Chiappa M.N., Pintore M., Mazza M., Acutis P.L., Casalone C., Corona C. (2010) – Coinvolgimento del sistema olfattivo in corso di scrapie naturale. (Large Animal Review, 16: 21-32, 2010).
9. Sciuto S., Martucci F., Desiato R., Mazza M., Guglielmetti C., Dell'atti L., Ubaldi A., Ru G., Acutis P.L., Caramelli M. (2013) – Valutazione del biosaggio cellulare Dr-Calux come metodo di screening per la rivelazione di contaminazioni da diossine nel latte in Piemonte. (Large Animal Review, 19: 107-114, 2013).

- **Proceedings:**

More than 60 poster or oral presentations published as proceedings in meeting or workshop abstract books.

**PERSONAL SKILLS AND
COMPETENCES**

MOTHER TONGUE

ITALIAN

OTHER LANGUAGE(S)

Self-assessment

European level

English

French

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
excellent	excellent	good	good	good
good	good	good	good	scolastic

SOCIAL SKILLS AND COMPETENCES	Good
ORGANISATIONAL SKILLS AND COMPETENCES	Good- very good
TECHNICAL SKILLS AND COMPETENCES	Good- very good
DRIVING LICENCE	B

Torino, 09/11/2016

FRANCESCA MARTUCCI
Signed in original