

PERSONAL INFORMATION

Maria Ines Crescio

Sex Female | Date of birth | Nationality Italian

WORK EXPERIENCE

January 2006-to date

Veterinary epidemiologist

Istituto Zooprofilattico Sperimentale di Piemonte, Liguria e Valle d'Aosta, Biostatistics, Epidemiology and Risk Analysis unit

- Responsible of analysing and reporting the trends of Animal Nutrition National Plan, BSE monitoring and control, to the Italian Ministry of Health
- Ministry of Health advisor in devising the Animal Nutrition National Plan for monitoring and control of BSE, Heavy metals, Food Additives and Pesticides
- Scientific responsible of the research: "Veterinary Syndromic surveillance: an application to bovine mortality" founded by the Italian ministry of health
- Partner in the research: "Italian network of Veterinary oncology laboratories (NILOV)" founded by the Italian ministry of health
- Partner in the research: "Characterisation and prevalence of BPV associates to equine sarcoids, production and evaluation of a self-vaccine against equine papillomatosis" founded by the Italian ministry of health
- Partner in the research: "Study definition and fine tuning of methods to evaluate physiological indicators, with special regard to pathological findings characterised by immunological deficit, to verify the livestock welfare status."
- Partner in the research: "The role of C.Re.Di.Ma in the consolidation of the diagnostic network for cetacean stranding"
- Partner in the research: "A metabarcoding study of microbioma biodiversity and dynamics of biogenic amines production: evaluation of their potential as allergenes"

Business or sector Public health and animal health

April 2005-December 2005

Veterinary epidemiologist

Istituto Zooprofilattico Sperimentale di Piemonte, Liguria e Valle d'Aosta, Italian Reference Centre for monitoring and control of feedingstuff

- Responsible of analysing and reporting the trends of Animal Nutrition National Plan, BSE monitoring and control, to the Italian Ministry of Health
- Ministry of Health advisor in devising the Animal Nutrition National Plan for monitoring and control of BSE, Heavy metals, Food Additives and Pesticides

Business or sector Public health and animal health

October 2000- March 2005

Veterinary pathologist

Istituto Zooprofilattico Sperimentale di Piemonte, Liguria e Valle d'Aosta, Italian Reference Centre for Animal encephalopathies and compared neuropathologies

- Laboratory diagnosis of animal spongiform transmissible encephalopathies (TSE)
- Research on TSEs pathogenesis

Business or sector Public health and animal health

January 2008- October 2000

Private veterinary practice**Business or sector** Equine health

EDUCATION AND TRAINING

January 2007-January 2009 **Master in Epidemiology**
 Faculty of medicine, University of Turin and ISI Foundation

October 2002-June 2005 **Degree of Specialist in Tecnology and Pathology of avian species, rabbit and wildlife**
 Faculty of Veterinary Medicine, University of Milan

October 1991-March 1997 **Doctor in Veterinary medicine**
 Faculty of Veterinary Medicine, University of Turin

PERSONAL SKILLS

Mother tongue Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
Cambridge English First (FCE)					
French	Good	Good	Discrete	Sufficient	Discrete

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
 Common European Framework of Reference for Languages

- Communication skills
 - Computer skills
 - Driving licence
- Discrete communication skills gained through my experience as tutor in workshop and courses
 - good command of Open Office for Windows, LateX, STATA, R, ArcGis
 - B

ADDITIONAL INFORMATION

- Publications** *Nickel Occurrence in a Livestock Food Chain (Northwestern Italy)*, S. Squadrone, I. Crescio, P. Brizio, D. Dutto, R. Bocca, C. Stella, G. Colombero, M. Rizzi, S. Pederiva, F. Ingravalle, M. C. Abete, Water, Air, & Soil Pollution, DOI: 10.1007/s11270-020-04623-w
- Evaluating a mixed abiotic–biotic model for the distribution and host contact rates of an arthropod vector of pathogens: An example with Ixodes ricinus (Ixodidae)*, Estrada-Peña, A., Adkin, A., Bertolini, S., Cook, C., Crescio, M.I., Grosbois, V., Horigan, V., Ip, S., Leger, A., Mastrantonio, G., Maurella, C., de Nardi, M., Ru, G., Simons, R., Snary, E., Staerk, K., Taylor, R., Smith, G.C, Microbial Risk Analysis, 13, art. no. 100067, DOI: 10.1016/j.mran.2018.12.001
- Maximising data to optimise animal disease early warning systems and risk assessment tools within Europe*, Horigan, V., de Nardi, M., Crescio, M.I., Estrada-Peña, A., Adkin, A., Maurella, C., Bertolini, S., Léger, A., Ru, G., Cook, C., Stark, K., Simons, R.R.L. Microbial Risk Analysis, 13, art. no. 100072, DOI: 10.1016/j.mran.2019.02.003
- Social network analysis and risk assessment: An example of introducing an exotic animal disease in Italy*, Maurella, C., Mastrantonio, G., Bertolini, S., Crescio, M.I., Ingravalle, F., Adkin, A., Simons, R., De Nardi, M., Estrada-Peña, A., Horigan, V., Ru, G. Microbial Risk Analysis, 13, art. no. 100074, DOI: 10.1016/j.mran.2019.04.001
- A spatial risk assessment model framework for incursion of exotic animal disease into the European Union Member States*, Simons, R.R.L., Horigan, V., Ip, S., Taylor, R.A., Crescio, M.I., Maurella, C., Mastrantonio, G., Bertolini, S., Ru, G., Cook, C., Adkin, A. Microbial Risk Analysis, 13, art. no. 100075, DOI: 10.1016/j.mran.2019.05.001
- Using multi-criteria risk ranking methodology to select case studies for a generic risk assessment framework for exotic disease incursion and spread through Europe*, Horigan, V., De Nardi, M., Simons, R.R.L., Bertolini, S., Crescio, M.I., Estrada-Peña, A., Léger, A., Maurella, C., Ru, G., Schuppers, M., Stärk, K.D.C., Adkin, A. Preventive Veterinary Medicine, 153, pp. 47-55. DOI: 10.1016/j.prevetmed.2018.02.013
- Outbreak of febrile gastroenteritis caused by listeria monocytogenes 1/2A in sliced cold beef ham, Italy, may 2016*, Maurella, C., Gallina, S., Ru, G., Adriano, D., Bellio, A., Bianchi, D.M., Chiavacci, L., Crescio, M.I., Croce, M., D'Errico, V., Dupont, M.F., Marra, A., Natangelo, U., Pomilio, F., Romano, A., Stanzione, S., Zaccaria, T., Zuccon, F., Caramelli, M., Decastelli, L. Eurosurveillance, 23 (10), art. no. 17-00155, 9 p., DOI: 10.2807/1560-7917.ES.2018.23.10.17-00155
- Molecular and histological characterization of bovine papillomavirus in North West Italy*, Grindatto, A., Ferraro, G., Varello, K., Crescio, M.I., Miceli, I., Bozzetta, E., Gorla, M., Nappi, R., Veterinary Microbiology, 180 (1-2), pp. 113-117. DOI: 10.1016/j.vetmic.2015.08.001
- Data on milk dioxin contamination linked with the location of fodder croplands allow to hypothesize the origin of the pollution source in an Italian valley*, Desiato, R ; Bertolini, S ; Baioni, E ; Crescio, MI ; Scortichini, G ; Ubaldi, A ; Sparagna, B ; Cuttica, G ; Ru, G ; Science of the total environment, 499: 248-256 DOI: 10.1016/j.scitotenv.2014.08.044
- Molecular and histological characterization of bovine papillomavirus in North West Italy*, Grindatto, A ; Ferraro, G ; Varello, K ; Crescio, MI ; Miceli, I ; Bozzetta, E ; Gorla, M ; Nappi, R, Veterinary microbiology, 180 (1-2): 113-117 doi: 10.1016/j.vetmic.2015.08.001
- Heat-related mortality in dairy cattle: A case crossover study*. Crescio MI, Forastiere F, Maurella C, Ingravalle F, Ru G. Prev Vet Med. 2010 Dec 1;97(3-4):191-7. doi: 10.1016/j.prevetmed.2010.09.004. Epub 2010 Oct 8.
- Cerebellar hypoplasia in a clinically suspected but unconfirmed case of BSE in a cow*. D'Angelo A, Cravero GC, Crescio MI, Iulini B, Maurella C, Casalone C. Vet Rec. 2008 May 10;162(19):627-8.
- Detection of animal-derived proteins in feedstuffs in Italy: a reproducibility study*. Ingravalle F, Abete MC, Crescio MI, Ru G. J Food Prot. 2007 Apr;70(4):986-90.
- Aortic thrombosis in three calves with Escherichia coli sepsis*. D'Angelo A, Bellino C, Alborali GL,

Borrelli A, Capucchio MT, Casalone C, Crescio MI, Mattalia GL, Jaggy A. J Vet Intern Med. 2006 Sep-Oct;20(5):1261-3.

BSE immunohistochemical patterns in the brainstem: a comparison between UK and Italian cases. Casalone C, Caramelli M, Crescio MI, Spencer YI, Simmons MM. Acta Neuropathol. 2006 May;111(5):444-9. Epub 2006 Apr 14.

Pathological prion protein in the tongues of sheep infected with naturally occurring scrapie. Casalone C, Corona C, Crescio MI, Martucci F, Mazza M, Ru G, Bozzetta E, Acutis PL, Caramelli M. J Virol. 2005 May;79(9):5847-9.

Decrease in pathology and progression of scrapie after immunisation with synthetic prion protein peptides in hamsters. Magri G, Clerici M, Dall'Ara P, Biasin M, Caramelli M, Casalone C, Giannino ML, Longhi R, Piacentini L, Della Bella S, Gazzuola P, Martino PA, Della Bella S, Pollera C, Puricelli M, Servida F, Crescio I, Boasso A, Ponti W, Poli G. Vaccine. 2005 Apr 22;23(22):2862-8.

Necrosis of hippocampus and piriform lobe: clinical and neuropathological findings in two Italian cats. Brini E, Gandini G, Crescio I, Fatzer R, Casalone C. J Feline Med Surg. 2004 Dec;6(6):377-81.