

PERSONAL INFORMATION

**Silvia Bonardi**



Gender Female | Date of birth 

**Work experience**

Dates: October 2006 - present  
 Occupation or position held: **Associate Professor**  
 Name and address of the employer: University of Parma  
 12, via Università, 43121 Parma, Italy (web site : <http://www.unipr.it>)  
 Main activities and responsibilities: Professor of "Food Hygiene" and "Inspection of food of animal origin" @ MSc Veterinary Medicine  
 Director of the School of Specialization of "Inspection of food of animal origin" (November 2018-present)  
 Scientific responsible of research projects on foodborne zoonoses and antimicrobial resistance  
 Business or Sector: Department of Veterinary Science, University of Parma

Dates: May 1995-September 2006  
 Occupation or position held: **Researcher**  
 Name and address of the employer: University of Parma  
 12, via Università, 43121 Parma, Italy (web site : <http://www.unipr.it>)  
 Main activities and responsibilities:
 

- Responsible of the Food Microbiology Laboratory (Faculty of Veterinary Medicine)
- Scientific responsible of projects on foodborne zoonoses
- Practical teaching activities (laboratory methods)

 Business or Sector: Faculty of Veterinary Medicine, University of Parma

Dates: February 1994-January 1995  
 Occupation or position held: **Veterinary Officer (temporary position)**  
 Name and address of the employer: National Veterinary Service  
 5, Via Don Ticati, 43036 Fidenza (PR), Italy  
 Main activities and responsibilities: Official controls in food producing plants and slaughterhouses  
 Business or Sector: National Health Service

Dates: November 1991-October 1993  
 Occupation or position held: **Research Fellow**  
 Main activities and responsibilities: Studies on porcine influenza viruses  
 Business or Sector: Official Veterinary Laboratory for Food Safety, Animal Health and Welfare responsible for scientific research and official control monitoring

**Education and training**

Dates: November 1995-July 1997  
 Title of qualification awarded: **Specialization Degree in Inspection of Food of animal origin**  
 Principle subjects/occupational skills covered:
 

- Meat inspection at slaughter and in production plants
- Inspection of fishery
- Hygiene of meat products, fishery products, milk and products thereof
- HACCP principles

- National and European legislation

Name and type of organization providing education and training  
Level in national or international classification

University of Pisa (Italy)  
Postgraduate specialization

Dates  
Title of qualification awarded  
Principle subjects/occupational skills covered

November 1991-July 1993  
**Specialization Degree in Veterinary Legislation**  
Organisation of the national legal system, of the national and European veterinary legislation and of the institutional organization of the European Union, specifically:  

- Criminal law and criminal procedure
- Civil law and civil procedure
- Administrative law
- Commercial law
- Work law
- Study of national and European veterinary legislation and jurisprudence, including sanitary risk analysis in food production plants

Name and type of organization providing education and training  
Level in national or international classification

University of Parma (Italy)  
Postgraduate specialization

Dates  
Title of qualification awarded  
Principle subjects/occupational skills covered

November 1990-October 1991  
**Master in zooprophyllaxis**  

- Prevention and control of infectious disease of farm animals in intensive breeding
- Laboratory diagnostic methods for infectious diseases and food poisoning agents (veterinary bacteriology, virology, serology, parasitology and molecular biology)
- Legislation and public health strategies for disease control

Name and type of organization providing education and training

Fondazione Iniziative Zooprofilattiche e Zootecniche – Brescia (Italy)

Dates  
Title of qualification awarded  
Name and type of organization providing education and training  
Level in national or international classification

November 1981-April 1989  
**Doctor in Veterinary Medicine**  
University of Parma (Italy)  
Graduate

**Personal skills and competences**

Mother tongue(s)  
Other language(s)  
Self-assessment  
*European level \**

**Italian**

	Understanding		Speaking		Writing
	Listening	Reading	Spoken interaction	Spoken production	
<b>English</b>	C1 Proficient user	C2 Proficient user	C1 Proficient user	C1 Proficient user	C1 Proficient user
<b>French</b>	B1 Basic user	B1 Basic user	B1 Basic user	B1 Basic user	B1 Basic user
<b>German</b>	B1 Basic user	B1 Basic user	B1 Basic user	B1 Basic user	B1 Basic user

(\*) *Common European Framework of Reference for Languages*

Social skills and competences

Social interaction is an essential component of my professional experience and my personality. My duties very often require a team-based approach to working issues and a high level of

communication skills. In particular:

- interaction with pre-graduate and post-graduate students and training staff
- interaction with colleagues and collaborators
- interaction with superiors and members of other institutions (*i.e.* official control laboratories, official veterinary services, Superior Institute of Health)

Organization skills and competences

My work is based on the capacity to organize both my teaching activity, including the direction of the post-graduate Specialization School in Inspection of Food of animal origin, and the research activity, including the functions of my collaborators.

Computer skills and competences

Use of common software platforms, such as Office and of different specialized software for the use of laboratory equipment and management of laboratory systems.

### Additional information

Member of the Management Committee of the COST Action 18105 “Risk-based meat inspection and integrated meat safety”  
 Author of seminars on food safety both in EU and extra-EU countries.  
 Section Editor (Microbiology of Meat and Meat Products), Italian Journal of Food Safety ISSN 2239-7132  
 ORCID ID 0000-0003-3079-9290

Most significant recent publications (last 10 years):

1. Silvia Bonardi, Luca Bassi, Franco Brindani, Mario D’Incau, Lisa Barco, Elena Carra, Stefano Pongolini. (2013). Prevalence, characterization and antimicrobial susceptibility of *Salmonella enterica* and *Yersinia enterocolitica* in pigs at slaughter in Italy. *International Journal of Food Microbiology* 163, 248-257.
2. Bonardi, S., Alpigiani, I., Pongolini, S., Morganti, M., Tagliabue, S., Bacci, C., Brindani, F. (2014). Detection, enumeration and characterization of *Yersinia enterocolitica* 4/O:3 in pig tonsils at slaughter in Northern Italy. *International Journal of Food Microbiology*, 177: 9-15.
3. Trevisani, M., Mancusi R., Delle Donne G., Bacci C., Bassi L., Bonardi S. (2014). Detection of Shiga-toxin (Stx)-producing *Escherichia coli* (STEC) in bovine dairy herds in Northern Italy. *International Journal of Food Microbiology*, doi: 10.1016/j.ijfoodmicro.2013.12.033, 184, 45-49.
4. Bonardi S, Alpigiani I, Pongolini S, Morganti M, Tagliabue S, Bacci C, Brindani F. (2014). Detection, enumeration and characterization of *Yersinia enterocolitica* 4/O:3 in pig tonsils at slaughter in Northern Italy. *International Journal of Food Microbiology*, 2;177:9-15.
5. S. Bonardi, I. Alpigiani, R. Tozzoli, A. Vismarra, V. Zecca, C. Greppi, C. Bacci, I. Bruini, F. Brindani (2015). Shiga toxin-producing *Escherichia coli* O157, O26 and O111 in cattle faeces and hides in Italy *Veterinary Record Open*, 2(1): e000061
6. Bonardi S, Alpigiani I, Bruini I, Barilli E, Brindani F, Morganti M, Cavallini P, Bolzoni L, Pongolini S. (2016). Detection of *Salmonella enterica* in pigs at slaughter and comparison with human isolates in Italy. *International Journal of Food Microbiology*, 218:44-50
7. Bonardi S., Bruini I., D’Incau M., Van Damme I., Carniel E., Brémont S., Cavallini P., Tagliabue S., Brindani F. (2016). Detection, seroprevalence and antimicrobial resistance of *Yersinia enterocolitica* and *Yersinia pseudotuberculosis* in pigs at slaughter in Northern Italy. *International Journal of Food Microbiology*, 235: 125-132.
8. Bonardi S. (2017). *Salmonella* in the pork production chain and its impact on human health in the European Union. *Epidemiology and Infection*, 145: 1513-1526.
9. Alpigiani I., Abrahantes J.C., Michel V., Huneau-Salaun A., Chemaly M., Keeling L.J., Gervelmeyer A., Bacci C., Brindani F., Bonardi S., Berthe F. (2017). Associations between animal welfare indicators and *Campylobacter* spp. in broiler chickens under commercial settings: A case study. *Preventive Veterinary Medicine*, 147: 186-193.
10. Bonardi S., Bruini I., Bolzoni L., Cozzolino P., Pierantoni M., Brindani F., Bellotti P. Renzi M., Pongolini S. (2017). Assessment of *Salmonella* survival in dry-cured Italian salami. *International Journal of Food Microbiology*, 262: 99-106.
11. Bonardi S., Le Guern, A.S., Savin, C., Pupillo G., Bolzoni L., Cavalca, M., Pongolini, S. (2018).

- Detection, virulence and antimicrobial resistance of *Yersinia enterocolitica* in bulk tank milk in Italy International Dairy Journal, 84, 46-53
12. Silvia Bonardi, Clotilde Silvia Cabassi, Simona Longhi, Federico Pia, Margherita Corradi, Stefano Gilioli, Erika Scaltriti (2018). Detection of Extended-Spectrum Beta-Lactamase producing *Escherichia coli* from mesenteric lymph nodes of wild boars (*Sus scrofa*). Italian Journal of Food Safety, 7 : 7077, 213-216.
  13. Silvia Bonardi, Luca Bolzoni, Renato Giulio Zanoni, Marina Morganti, Margherita Corradi, Stefano Gilioli, Stefano Pongolini (2019). Limited exchange of *Salmonella* among domestic pigs and wild boars in Italy. EcoHealth, Published on line: 22 May 2019. doi.org/10.1007/s10393-019-01418-2
  14. Silvia Bonardi, Rosario Pitino (2019). Carbapenemase-producing bacteria in food-producing animals, wildlife and environment: a challenge for human health. Italian Journal of Food Safety, 8: 7956, 77-92.
  15. Delcanale P , Hally C , Nonell S , Bonardi S , Viappiani C , Abbruzzetti S. Photodynamic action of Hypericum perforatum hydrophilic extract against *Staphylococcus aureus*. Photochem Photobiol Sci. 2020 Mar 1;19(3):324-331. doi: 10.1039/c9pp00428a. Epub 2020 Mar 10.
  16. Bonardi S, Brémont S, Vismarra A, Poli I, Diegoli G, Bolzoni L, Corradi M, Gilioli S, Le Guern A.S. Is *Yersinia bercovieri* Surpassing *Yersinia enterocolitica* in Wild Boars (*Sus scrofa*)? Ecohealth. 2020 Sep;17(3):388-392. doi: 10.1007/s10393-020-01492-x. Epub 2020 Oct 15.
  17. Bonardi, S., Filipello, V., Pavoni, E., Carta V., Bolzoni L., Corradi M., Gilioli, S., Losio, M.N. Geographical restriction of Hepatitis E virus circulation in wild boars (*Sus scrofa*) in Emilia-Romagna region, Northern Italy. Italian Journal of Food Safety, 2020, 9(1), 8463. doi: 10.4081/ijfs.2020.8463
  18. Sara Arnaboldi, Francesco Righi, Valentina Carta, Silvia Bonardi, Enrico Pavoni, Alessandro Bianchi, Marina Nadia Losio, Virginia Filipello (2021). Hepatitis E Virus (HEV) Spread and Genetic Diversity in Game Animals in Northern Italy. Food Environmental Virology, 13(2):146-153. doi: 10.1007/s12560-021-09467-z
  19. Arnaboldi S, Righi F, Filipello V, Trogu T, Lelli D, Bianchi A, Bonardi S, Pavoni E, Bertasi B, Lavazza A. (2021). Mammalian Orthoreovirus (MRV) Is Widespread in Wild Ungulates of Northern Italy. Viruses. 2021 Feb 3;13(2):238. doi: 10.3390/v13020238.
  20. Bonardi S., Tansini C., Cacchioli A., Soliani L., Poli L., Lamperti L., Corradi M., Gilioli S. (2021) Enterobacteriaceae and *Salmonella* contamination of wild boar (*Sus scrofa*) carcasses: comparison between different sampling strategies. European Journal of Wildlife Research. doi.org/10.1007/s10344-021-01531-0
  21. Bonardi, S., Blagojevic, B., Belluco, S., Roasto, M., Gomes-Neves, E., Vågsholm, I. (2021). Food chain information in the European pork industry: Where are we? Trends in Food Science and Technology 118, pp. 833–839. doi.org/10.1016/j.tifs.2021.10.030
  22. Righi, F., Arnaboldi, S., Filipello, V., Ianiro, G.; Di Bartolo, I.; Calo, S.; Bellini, S.; Trogu, T.; Lelli, D.; Bianchi, A.; Bonardi, S.; Pavoni, E.; Bertasi, B., Lavazza, A.(2022). Torque Teno Sus Virus (TTSuV) Prevalence in Wild Fauna of Northern Italy. Microorganisms, 10(2), 242. doi.org/10.3390/microorganisms10020242

#### Scopus data

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Publications: 57

Citations: 837

Parma, 22<sup>nd</sup> March 2022



