

CURRICULUM VITAE EMANUELA ZANARDI

Graduated in Chemistry at the University of Parma (Italy) in 1993, she got her PhD in Chemistry, Technology and Hygiene of Food (University of Turin, Italy) in 1998. Researcher at the University of Parma in 1999, since 2014 she is an associate professor of Inspection of Food of Animal Origin (Area 07/H2 Veterinary Pathology and Inspection of Food of Animal Origin, SSD VET/04 Inspection of Food of Animal Origin). She has National Qualification as a Full Professor in the Area 07/H2 Veterinary Pathology and Inspection of Food of Animal Origin, SSD VET/04 Inspection of Food of Animal Origin.

She has been visiting scientist at University College Cork (Ireland) and at the National Veterinary and Finnish Food Research Institute (Helsinki, Finland).

Her research activity deals mainly with meat and is focused on safety, quality, and technological aspects. She has matured a specific experience in the study of lipolysis and lipid oxidation, biochemical and safety aspects of fresh pork and some representative dry-cured, fermented, and cooked pork products under various production conditions, by working in several European research projects. She has been part of several European research programs within FP6, FP7 and H2020 EU frameworks (EU research contracts DIETOX; BIOFLAVOUR; TRADISAUSAGE; DRYCHECK). At national level she has been principal investigator of the research project funded by the Italian Ministry of Education, Research and University (PRIN2008) aimed at developing new analytical methods for the detection of irradiation treatment in meat, and of several research programs of the University of Parma. She has been a co-investigator in several research programs funded by the Italian Ministry of Education, University and Research, the Ministry of Agricultural, Food and Forestry Politics, the Ministry of Health. She is involved in the research of chemical contaminants in foods and the development of analytical protocols for the authenticity of food, such as the detection of irradiation treatment in meat, the geographical origin of fish, the monitoring of the feeding system of cattle, the authenticity of meat species. At present, she is co-investigator in the research project EU-H2020 GA 772432 "Validation of Point-of-Care Detection Instrument" (VIVALDI) focused on the validation of VETPOD system including intra-laboratory validation at National Reference Laboratories and external ring tests for the detection of Avian Influenza Virus, Salmonella and Campylobacter in animal husbandry and food sectors.

She has been acting as a reviewer of research projects at the national level (Università di Firenze, Università di Padova, Università di Verona) and international level (The Croatian Science Foundation-HRZZ, Croazia; Research Foundation Flanders-FWO, Belgium).

She is a member of the Editorial Board of the scientific journals *Molecules* (MDPI), *Open Food Science Journal* (Bentham), *Hygiene* (MDPI), and the *Italian Journal of Food Safety* (PagePress). She has been part of the Commissions for the evaluation of European Doctorate theses at the University College Cork (Ireland); Universidad Complutense de Madrid (Spain); Universidad de Extremadura (Caceres, Spain). She has been acting as a peer reviewer for several international Journals, among them *Meat Science*, *Journal of Agricultural and Food Chemistry*, *Food Chemistry*, *Food Control*, *International Journal of Food Science and Technology*, *LWT-Food Science and Technology*, *Food Additives and Contaminants*, *European Journal of Lipid Science and Technology*, *Journal of the Science of Food and Agriculture*, *Journal of Chromatography B*, *Innovative Food Science and Emerging Technologies*, *Food Research International*, *Food Reviews International*, *Italian Journal of Food Safety*, *Italian Journal of Food Science*, *Applied Microbiology*, *Foods*, *Molecules*, *Talanta*, *Food Analytical Methods*. She has been serving as a reviewer within the evaluation of the research quality program VQR 2011-2014 for the Italian national agency for the evaluation of the University and research system.

Since 1999 she has been teaching in several courses of the University of Parma, masters, and schools within the food area. Since 2010 she has been part of the teaching staff of the International Master of Food Technology organized by the University of Parma and the University of Buenos Aires Faculty of Agronomy. In 2013 she has performed teaching activity within the Lifelong Learning Programme-Erasmus Mobility for Teachers at the Universidad Complutense de Madrid, Facultad de Veterinaria, Departamento Producción Animal (Madrid, Spain).

Authors and co-authors of more than 200 papers published in national and international journals, book chapters, national and international congress proceedings in the sector of food safety and quality.

Metrics overview (August 2021): Scopus Indexing (83 documents; h-index=28; Citation index= 2584); Web of Science Indexing (80 documents; h-index=28; Citation index= 2315).