

## **Curriculum vitae – Prof. Massimo De Marchi**

Prof. Massimo De Marchi was born in Castelfranco Veneto (North-east, Italy) on 4<sup>th</sup> November 1978.

Current position: Full Professor of Animal Science, Department of Agronomy, Food, Natural resources, Animals and Environment, University of Padova (Italy).

### **Education**

- 1998 - 2002 - Degree in Agricultural Sciences, University of Padova, Italy (110/110 Magna Cum Laude).
- From April to October 2004 - Visiting scientist in the College of Agriculture and Life Science – Department of Animal & Poultry Science, Virginia Tech, Blacksburg, Virginia, USA, where he collaborated with Prof. David Notter and Prof. Emeritus Paul Siegel.
- 2003-2006 - PhD in Animal Science, University of Padova, Italy.
- From February to May 2008 - Visiting researcher in the School of Agriculture, Food Science and Veterinary Medicine, University College Dublin (Supervisors: Prof. Colm O’Donnell and Dr. Colette Fagan).

### **Academic carrier**

- From 2006 to October 2014 - Assistant Professor of Animal Science, University of Padova, Italy.
- From November 2014 to February 2018 – Associate Professor of Animal Science, University of Padova, Italy.
- From March 2018 - Full Professor of Animal Science, University of Padova, Italy.

### **Awards**

- Young Scientist AWARD 2016 during the 67<sup>th</sup> Annual Meeting of the European Federation of Animal Science (EAAP) in Belfast (UK) for “This award is granted to an early career scientist who has demonstrated outstanding research performance with an European dimension and perspective”.
- Journal of Dairy Science® (JDS) Most Cited Award 2012 (Section: Dairy Foods) during the Annual Meeting of the American Dairy Science Association (ADSA) in Phoenix (USA) for the following paper: De Marchi et al. 2009. Prediction of coagulation properties, titratable acidity, and pH of bovine milk using mid-infrared spectroscopy. *J. Dairy Sci.* 92:423-432.
- Journal of Dairy Science® (JDS) Most Cited Award 2017 (Section: Genetics and Breeding) during the Annual Meeting of the American Dairy Science Association (ADSA) in Pittsburgh (USA) for the following paper: Invited review: Mid-infrared spectroscopy as phenotyping tool for milk traits. *J. Dairy Sci.* 97:1171-1186.

### **International Scientific Commissions**

- September 2016 to present - Secretary of Cattle Commission of the European Federation of Animal Science (EAAP).
- May 2017 to 2019 - National expert of International Dairy Federation (FIL-IDF) Standing Committee on Statistics and Automation (SCSA).

## Science-related facts

- Supervised and co-supervised 7 successfully completed PhDs and more than 20 successfully completed MSc. The 7 supervised PhDs were:
  1. Bazzoli, Ilario (2013) Production and economic traits of purebred and crossbred animals in dairy herds of mountain areas.
  2. Sturaro, Alba (2015) Use of microparticulated whey protein (MWP) in the Italian dairy industry.
  3. Gottardo, Paolo (2016) Phenotypic and Genetic Variation of Milk Fatty Acid Composition Predicted by Mid-Infrared Spectroscopy in Dairy Cattle.
  4. McDermott, Audrey Ann (2017) Genetics of milk protein composition and milk colour in Irish dairy cattle.
  5. Dalla Riva, Alessandro (2017) Life cycle assessment of Italian dairy cheese chain.
  6. Benedet, Anna (2019) Genetic and nongenetic variation of blood metabolites predicted from milk infrared spectra in dairy cattle
  7. Currò, Sarah (2019) Italian local goat breeds: phenotypic variation of milk mineral and fatty acid composition and milk technological traits
- External examiner of a PhD thesis from Massey University (New Zealand), Wageningen (Netherlands) and many Italian Universities.
- Reviewer for several international scientific journals (Journal of Dairy Science, Meat Science, International Dairy Journal, Animal, Poultry Science, Food Chemistry, Food Research International).
- Invited speaker at several international meetings and PhD courses.
- Member of organization committee of several national and international meetings.

