BRIEF TRACK-RECORD – ALESSIO CECCHINATO

Alessio Cecchinato was born in 1980. In 2005 he got the Master of Science in Agricultural Science (110/110 magna cum laude) from the University of Padova. On 1 December 2008 he joined the Department of Animal Science as assistant professor in Animal Breeding and Genetics. In March 2009 he obtained his PhD in Animal Science, major in Genetics, Biostatistics, Biodiversity and Biotechnologies (University of Padova).

Current research interests are on genetic aspects of technological traits of bovine milk and, particularly on the effects of single genes and polygene on protein composition and coagulation properties of milk; the use of mid-infrared (MIR) spectroscopy to predict milk coagulation properties; the use of MIR predictions as indicator traits in breeding programs for enhanced the quality of dairy products; the genetic determinism of " non-coagulation" of milk during lactation in dairy cattle.

He has more than 80 publications (61 are peer-reviewed scientific papers; H-index ISI web of science = 11).

The teaching activity covers several topics of Animal Production, Animal Breeding and Genetics, and Applied Statistics (College of Agricultural Science, University of Padova) and in specific: Animal Biodiversity and Molecular Genetics - 2nd Level University Degree in Biotechnology (64 hours 8 ECTS)*;* Animal Breeding and Genetics – 1st level University Degree in Animal Science and Technology (64 hours 8 ECTS)*;* Applied Biostatistics – PhD Course in Animal and Food Science (20 hours). Since 2009 he has supervised more than 40 Bachelor and Master students. He currently supervises three PhD students in Animal and Food Science.

He has two awards ("prof. Archimede Mordenti" in 2008 and "prof. Mario Bonsenbiante" in 2009).

He has been involved in several projects, one of them as principal investigator:

1. Progetto Scientifico Ateneo Padova - 2006: Effetto dei loci lattoproteici e del complesso poligenico sui rapporti tra frazioni caseiniche e sull'attitudine alla coagulazione presamica del latte bovino – *Effects of single genes and polygene on protein composition and coagulation properties of milk* (participant)

2. Programma Sviluppo Rurale 2007-2013 Regione del Veneto misura 124 2009: Predizione on-line delle caratteristiche qualitative e dell'attitudine alla trasformazione tecnologica di cosce suine mediante tecnologia NIRS – *Prediction of technological traits of dry cured hams through Infrared Technologies* (participant) -

3. Progetto Scientifico Ateneo Padova - 2011: Innovative breeding tools for the enhancement of quality of dairy products (principal investigator)

4. Progetto di Ricerca Provincia Autonoma di Trento - 2011: L'allevamento bovino in montagna: sostenibilità, funzionalità degli animali e qualità delle produzioni - *Cattle farming in mountain areas: sustainability, animal functionality and product quality* (participant)

5. Programma Sviluppo Rurale 2007-2013 Regione del Veneto misura 124 - 2012: Sviluppo di strumenti selettivi per la riduzione del boar taint in suini pesanti – *Selective breeding tools* to *reduce "BOAR TAINT" in intact heavy pigs* (partecipant)